Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Hole Ref	GEO_WS201B	GEO_WS207
Sample Ref	200	200
Easting	384735.29	384628.92
Northing	399787.2	399674.79
Hole Elevation (mOD)	43.55	41.91
Sample Depth (mbgl)	0.79	0.27
Piezometer top (mbgl)	0.5	0.9
Piezometer base (mbgl)	1.3	4.9
Sample Date	11/08/21	10/08/21
Investigation	NW1604	NW1604
Aquifer		

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile
1,2-Dichloroethane	0.003	DWS	mg/l	0 of 1	0	<0.001	<0.001	0.001
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 1	0	<0.002	<0.002	0.002
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001
2,2-Dichloropropane			mg/l	No GAC	-	<0.002	<0.002	0.002
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.004	0.004
Bromodichloromethane	0.06	WHO	mg/l	0 of 1	0	<0.004	<0.004	0.004
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethene	0.0005	DWS	mg/l	0 of 1	0	<0.001	<0.001	0.001
Chloroform	0.0025	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001
Chloromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Dibromochloromethane	0.1	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001
Dibromomethane	0.02	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Dichloromethane	0.02	EQS	mg/l	0 of 1	0	<0.027	<0.027	0.027
Hexachlorobutadiene (HCBD)	0.0006	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001
Isopropylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Methyl tert-butyl ether (MTBE)	0.015	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Styrene	0.05	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Tetrachloroethene	0.01	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001
Tetrachloromethane (Carbon Tetra Chlori	0.003	DWS	mg/l	0 of 1	0	<0.001	<0.001	0.001
Tribromomethane	0.1	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001
Trichloroethene	0.01	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
cis-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
n-propylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
trans-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001
trans-1,3-Dichloropropene	0.02	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001
SVOC								
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 1	0	<0.001	<0.001	0.001
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chlorophenol	0.05	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Methylphenol	0.1	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Hole Ref	GEO_WS201B	GEO_WS207
Sample Ref	200	200
Easting	384735.29	384628.92
Northing	399787.2	399674.79
Hole Elevation (mOD)	43.55	41.91
Sample Depth (mbgl)	0.79	0.27
Piezometer top (mbgl)	0.5	0.9
Piezometer base (mbgl)	1.3	4.9
Sample Date	11/08/21	10/08/21
Investigation	NW1604	NW1604
Aquifer		

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001		
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001		
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001		
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001		
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001		
Butylbenzylphthalate	0.0075	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001		
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001		
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001		
Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001		
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001		
Diethylphthalate	0.2	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001		
Dimethylphthalate	0.8	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001		
Hexachlorobenzene (HCB)	0.001	USEPA	mg/l	0 of 1	0	<0.001	<0.001	0.001		
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 1	0	<0.001	<0.001	0.001		
Pentachlorophenol (PCP)	0.0004	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001		
Other										
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001		
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001		
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001		
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001		
3/4 Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001		
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001		
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001		
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001		
Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001		
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001		
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001		
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001		
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001		
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001		
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448	0.009	0.021
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001		
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001		
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001		
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001		
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001		
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001		
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001		
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	
Hole Ref									
Sample Ref									
Easting									
Northing									
Hole Elevation (mOD)									
Sample Depth (mbgl)									
Piezometer top (mbgl)									
Piezometer base (mbgl)									
Sample Date									
Investigation									
Aquifer									
Metal									
Antimony	0.005	DWS	mg/l	1 of 1	0	0.001	0.001	0.001	
Arsenic	0.01	DWS	mg/l	1 of 1	0	0.0017	0.0017	0.0017	
Beryllium	0.004	USEPA	mg/l	0 of 1	0	<0.0001	<0.0001	0.0001	
Cadmium	0.00008	EQS	mg/l	1 of 1	1	0.00024	0.00024	0.00024	
Calcium		-	mg/l	No GAC	-	100	100	100.0	
Chromium	0.0047	EQS	mg/l	0 of 1	0	<0.00025	<0.00025	0.00025	
Copper	0.001	EQS	mg/l	1 of 1	1	0.0048	0.0048	0.0048	
Lead	0.0012	EQS	mg/l	1 of 1	0	0.00076	0.00076	0.00076	
Manganese			mg/l	No GAC	-	0.57	0.57	0.57	
Mercury	0.001	DWS	mg/l	0 of 1	0	<0.00001	<0.00001	0.00001	
Nickel	0.004	EQS	mg/l	1 of 1	0	0.0028	0.0028	0.0028	
Selenium	0.01	DWS	mg/l	1 of 1	1	0.052	0.052	0.052	
Vanadium	0.02	EQS*	mg/l	1 of 1	0	0.0014	0.0014	0.0014	
Zinc	0.0123	EQS	mg/l	1 of 1	0	0.011	0.011	0.011	
Iron (Soluble)									
Inorganic									
pH	<6 - >9	EQS*	pH Units	No GAC	-	7.5	7.5	7.50	
Cyanide	0.001	EQS	mg/l	0 of 1	0	<0.04	<0.04	0.04	
Complex Cyanide	0.001	EQS	mg/l	1 of 1	0	0.0005	0.0005	0.0005	
Cyanide Free	0.001	EQS	mg/l	0 of 1	0	<0.02	<0.02	0.02	
Thiocyanate	0.001	EQS	mg/l	0 of 1	0	<0.02	<0.02	0.02	
Chloride	250	EQS*/DWS	mg/l	1 of 1	0	24	24	24.0	
Ammoniacal Nitrogen as N	0.3	EQS	mg/l	1 of 1	1	0.34	0.34	0.34	
Dissolved Organic Carbon		-	mg/l	No GAC	-	2.2	2.2	2.20	
Total hardness		-	mg/l	No GAC	-	283	283	283.0	
Biochemical Oxygen Demand									
Chemical Oxygen Demand									
Phenol and mineral oils									
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 1	0	<0.1	<0.1	0.1	
Resorcinol									
Naphthols									
TPH									
Aliphatics >C10-12	0.3	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001	
Aliphatics >C12-16	0.3	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001	
Aliphatics >C16-21		-	mg/l	No GAC	-	<0.001	<0.001	0.001	
Aliphatics >C21-35		-	mg/l	No GAC	-	<0.001	<0.001	0.001	
Aliphatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001	
Aliphatics >C5-35		-	mg/l	No GAC	-			#NUM!	
Aliphatics >C5-6	15	WHO	mg/l	1 of 1	0	0.13	0.13	0.13	
Aliphatics >C6-8	15	WHO	mg/l	1 of 1	0	0.1	0.1	0.1	
Aliphatics >C8-10	0.3	WHO	mg/l	0 of 1	0	<0.0001	<0.0001	0.0001	
Aromatics >C10-12	0.09	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001	
Aromatics >C12-16	0.09	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001	
Aromatics >C16-21	0.09	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001	
Aromatics >C21-35	0.09	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001	
Aromatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001	
Aromatics >C5-7	0.01	WHO	mg/l	0 of 1	0	<0.0001	<0.0001	0.0001	
Aromatics >C7-8	0.7	WHO	mg/l	0 of 1	0	<0.0001	<0.0001	0.0001	
Aromatics >C8-10	0.3	WHO	mg/l	0 of 1	0	<0.0001	<0.0001	0.0001	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Hole Ref	
Sample Ref	
Easting	
Northing	
Hole Elevation (mOD)	
Sample Depth (mbgl)	
Piezometer top (mbgl)	
Piezometer base (mbgl)	
Sample Date	
Investigation	
Aquifer	

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	
Aromatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001	
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	<0.001	0.001	
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-			#NUM!	
Total Aromatics C5-C35			mg/l	No GAC	-			#NUM!	
PAH									
Acenaphthene	2	USEPA	mg/l	0 of 1	0	<0.00001	<0.00001	0.00001	
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001	
Fluoranthene	0.000006	EQS	mg/l	0 of 1	0	<0.00001	<0.00001	0.00001	
Fluorene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001	
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001	
Phenanthrene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001	
Pyrene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001	
Napthalene	0.002	EQS	mg/l	0 of 1	0	<0.00005	<0.00005	0.00005	
Pah,Total		-	mg/l	No GAC	-	<0.002	<0.002	0.002	
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001	
Anthracene	0.0001	EQS	mg/l	0 of 1	0	<0.00001	<0.00001	0.00001	
Benzo(a)anthracene		-	mg/l	No GAC	-	0.00001	0.00001	0.00001	
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001	
Benzo(a)pyrene	0.00000	EQS	mg/l	0 of 1	0	<0.00001	<0.00001	0.00001	
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001	
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001	
Chrysene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001	
BTEX									
Benzene	0.001	DWS	mg/l	0 of 1	0	<0.001	<0.001	0.001	
Toluene	0.074	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001	
Ethylbenzene	0.02	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001	
Xylene	0.03	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001	
VOC									

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile						
Hole Ref										01_BH103	GEO_BH204	GEO_BH204	GEO_BH208	GEO_BH208	GEO_BH211A
Sample Ref										1	200		200		200
Easting										384689.014	384815.474		384562.98		384441.79
Northing										399695.588	399703.59		399592.56		399513.96
Hole Elevation (mOD)										42.57	43.276		40.66		40.44
Sample Depth (mbgl)										0.9	2.36		12		7.73
Piezometer top (mbgl)										1	1.5		3		5
Piezometer base (mbgl)										3.5	10		13		10.5
Sample Date										24/01/19	11/08/21	26/05/21	10/08/21	27/05/21	10/08/21
Investigation											NW1604		NW1604		NW1604
Aquifer										MG	MG	MG	MG	MG	MG
										Red Bank Plateau	STCW	STCW	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau
Metal															
Antimony	0.005	DWS	mg/l	13 of 14	1	<0.00017	0.010497	0.00502		**0.010497**	<0.00017	0.00018	0.000867	0.00091	0.000411
Arsenic	0.05	DWS	mg/l	14 of 14	0	0.00026	0.019811	0.0133		0.002782	0.002991	0.0044	0.00481	0.0028	0.019811
Beryllium	0.004	USEPA	mg/l	1 of 14	0	<0.0001	0.000142	0.00011		0.000142	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Cadmium	0.00150	EQS	mg/l	9 of 14	0	<0.00003	0.001	0.00094		0.000098	<0.00003	<0.0003	0.000232	0.0009	<0.00003
Calcium		-	mg/l	No GAC	-	82	220	200.50		110	160	120	99	170	180
Chromium	0.0047	EQS	mg/l	10 of 14	1	<0.00025	0.007823	0.00573		**0.007823**	<0.00025	<0.00025	0.000603	0.00033	0.000993
Copper	0.001	EQS	mg/l	10 of 14	8	<0.0004	0.0081	0.00788		**0.003015**	<0.0004	<0.0004	**0.002559**	**0.0034**	<0.0004
Lead	0.0012	EQS	mg/l	12 of 14	2	<0.00009	0.005	0.00298		**0.001893**	<0.00009	0.00046	0.000128	0.00042	0.000903
Magnesium		-	mg/l	No GAC	-	7.5	50	42.650			29				26
Manganese	0.0123	EQS	mg/l	14 of 14	14	0.049	3.2	2.908		**2.7502**	**1.950535**	**1.8**	**0.390387**	**0.67**	**0.421533**
Mercury	0.001	DWS	mg/l	3 of 14	0	<0.00001	0.00002	0.00002		<0.00001	<0.00001	<0.00001	0.000014	0.00002	<0.00001
Nickel	0.004	EQS	mg/l	13 of 14	7	<0.0005	0.014	0.00909		**0.006447**	<0.0005	0.0018	**0.00484**	**0.0053**	0.001076
Potassium		-	mg/l	No GAC	-	5.8	21	19.950			7.2				13
Selenium	0.01	DWS	mg/l	8 of 14	1	<0.00025	0.032081	0.0157		0.005043	<0.00025	0.00026	0.006872	0.0049	<0.00025
Sodium	200	EUDWS	mg/l	8 of 8	0	8.2	120	111.950			8.2				14
Vanadium	0.02	EQS*	mg/l	4 of 14	0	<0.0006	0.003487	0.00305		0.003487	<0.0006	<0.0006	0.002819	0.0013	<0.0006
Zinc	0.0123	EQS	mg/l	12 of 13	7	<0.0013	0.101119	0.09625		**0.013066**	<0.0013	0.0086	**0.014094**	**0.037**	0.002366
Iron (Soluble)	0.2	DWS	mg/l	4 of 4	2	0.0041	4.1	3.608							
Inorganic															
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	7.5	7.50		7.4	7.5	7.2	7	7	7.1
Cyanide	0.001	EQS	mg/l	0 of 14	0	<0.04	<0.04	0.04		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Complex Cyanide	0.001	EQS	mg/l	5 of 6	3	0.00061	0.19	0.1447							**0.008794**
Cyanide Free	0.001	EQS	mg/l	0 of 6	0	<0.02	<0.02	0.02							<0.02
Thiocyanate	0.001	EQS	mg/l	0 of 6	0	<0.02	<0.02	0.02							<0.02
Chloride	250	EQS*/DWS	mg/l	13 of 13	0	5.6	64	48.40		29	15		31	23	34
Ammoniacal Nitrogen as N	0.3	EQS	mg/l	13 of 13	9	0.07	22	19.60		**3.8**	**0.36**		**1.3**	**1**	**5.6**
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	24	19.450		17	24	<2	6.5	4	3.4
Total hardness		-	mg/l	No GAC	-	280	635	594.050		359	511	412	327	532	543
Nitrate as NO3	50	DWS	mg/l	6 of 8	0	<0.1	45	33.450			0.78				2.4
Nitrite as NO2	0.5	DWS	mg/l	3 of 8	0	<0.1	<0.5	0.5			0.43				<0.5
Sulphate as SO4	250	DWS	mg/l	8 of 8	0	30	150	150.0			70				130
Sulphide		-	mg/l	No GAC	-	0.01636	45	44.650			0.02502				0.096618
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	380	640	626.0			380				600
Biochemical Oxygen Demand															
Chemical Oxygen Demand															
Phenol and mineral oils															
Phenol	0.0077	EQS	mg/l	1 of 4	0	<0.0001	0.0027	0.00245							
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 14	0	<0.1	<0.1	0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241							
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001							
Resorcinol															
Naphthols															
TPH															
Aliphatics >C10-12	0.3	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001		<0.001		<0.001		<0.001	
Aliphatics >C12-16	0.3	WHO	mg/l	1 of 11	0	<0.001	0.0052	0.00331		<0.001		0.0052		<0.001	
Aliphatics >C16-21		-	mg/l	No GAC	-	<0.001	0.026	0.01682		<0.001		0.026		<0.001	
Aliphatics >C21-35		-	mg/l	No GAC	-	<0.001	0.04	0.02245		<0.001		<0.001		<0.001	
Aliphatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001		<0.001	
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.01	<0.01	0.01		<0.01					

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	01_BH103	GEO_BH204	GEO_BH204	GEO_BH208	GEO_BH208	GEO_BH211A
										Sample Ref	1	200		200		200
										Easting	384689.014	384815.474		384562.98		384441.79
										Northing	399695.588	399703.59		399592.56		399513.96
										Hole Elevation (mOD)	42.57	43.276		40.66		40.44
										Sample Depth (mbgl)	0.9	2.36		12		7.73
										Piezometer top (mbgl)	1	1.5		3		5
										Piezometer base (mbgl)	3.5	10		13		10.5
										Sample Date	24/01/19	11/08/21	26/05/21	10/08/21	27/05/21	10/08/21
										Investigation		NW1604		NW1604		NW1604
										Aquifer	MG	MG	MG	MG	MG	MG
											Red Bank Plateau	STCW	STCW	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau
Aliphatics >C5-6	15	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001		<0.0001		<0.0001	
Aliphatics >C6-8	15	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001		<0.0001		<0.0001	
Aliphatics >C8-10	0.3	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001		<0.0001		<0.0001	
Aromatics >C10-12	0.09	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001		<0.001		<0.001	
Aromatics >C12-16	0.09	WHO	mg/l	1 of 11	0	<0.001	0.0018	0.00144			<0.001		<0.001		<0.001	
Aromatics >C16-21	0.09	WHO	mg/l	1 of 11	0	<0.001	0.017	0.0098			<0.001		<0.001		<0.001	
Aromatics >C21-35	0.09	WHO	mg/l	1 of 11	0	<0.001	0.057	0.0318			<0.001		<0.001		<0.001	
Aromatics >C35-44		-	mg/l	No GAC	-	<0.001	0.0056	0.00376					<0.001		<0.001	
Aromatics >C5-7	0.01	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001		<0.0001		<0.0001	
Aromatics >C7-8	0.7	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001		<0.0001		<0.0001	
Aromatics >C8-10	0.3	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001		<0.0001		<0.0001	
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.033	0.02144					0.033		<0.001	
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.0852					0.033		<0.001	
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01			<0.01					
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01			<0.01					
PAH																
Acenaphthene	2	USEPA	mg/l	7 of 11	0	<0.00001	0.0068	0.00396			0.000409		0.00003		<0.00001	
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00816			<0.00001		<0.00001		<0.00001	
Fluoranthene	0.000006	EQS	mg/l	8 of 11	8	<0.00001	0.019478	0.01341			**0.000058**		<0.00001		**0.00003**	
Fluorene		-	mg/l	No GAC	-	0.000001	0.0028	0.002			0.000184		0.00002		<0.00001	
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.03412			<0.00001		<0.00001		0.00004	
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.006666	0.00508			0.000167		<0.00001		<0.00001	
Pyrene		-	mg/l	No GAC	-	<0.00001	0.021859	0.01471			0.000055		<0.00001		0.00005	
Napthalene	0.002	EQS	mg/l	3 of 11	1	<0.00005	0.016	0.0085			0.000808		0.00013		<0.00005	
Pah,Total		-	mg/l	No GAC	-	<0.0002	0.359917	0.21325			0.001863		0.00024		0.00038	
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.003	0.002			0.000011		0.00003		<0.00001	
Anthracene	0.0001	EQS	mg/l	6 of 11	4	<0.00001	0.002814	0.00192			**0.000111**		<0.00001		<0.00001	
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.012339	0.00843			0.000014		<0.00001		0.00003	
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.03886			<0.00001		<0.00001		0.00005	
Benzo(a)pyrene	0.00000	EQS	mg/l	4 of 11	4	<0.00001	0.049364	0.02785			<0.00001		<0.00001		**0.00005**	
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.03143			<0.00001		<0.00001		0.00005	
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.01182			<0.00001		<0.00001		0.00003	
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.0099			0.000047		<0.00001		0.00004	
BTEX																
Benzene	0.001	DWS	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001		<0.001		<0.001	
Toluene	0.074	EQS	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001		<0.001		<0.001	
Ethylbenzene	0.02	EQS*	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001		<0.001		<0.001	
O-Xylene	0.03	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Xylene	0.03	EQS*	mg/l	0 of 9	0	<0.001	<0.001	0.001			<0.001		<0.001		<0.001	
m,p xylenes	0.03	EQS*	mg/l	0 of 1	0	<0.002	<0.002	0.002								
VOC																
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001								

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	01_BH103	GEO_BH204	GEO_BH204	GEO_BH208	GEO_BH208	GEO_BH211A
										Sample Ref	1	200		200		200
										Easting	384689.014	384815.474		384562.98		384441.79
										Northing	399695.588	399703.59		399592.56		399513.96
										Hole Elevation (mOD)	42.57	43.276		40.66		40.44
										Sample Depth (mbgl)	0.9	2.36		12		7.73
										Piezometer top (mbgl)	1	1.5		3		5
										Piezometer base (mbgl)	3.5	10		13		10.5
										Sample Date	24/01/19	11/08/21	26/05/21	10/08/21	27/05/21	10/08/21
										Investigation		NW1604		NW1604		NW1604
										Aquifer	MG	MG	MG	MG	MG	MG
											Red Bank Plateau	STCW	STCW	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,2-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,2-Dichloroethane	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.002	0.00185								
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.00185								
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bromochloromethane			mg/l	No GAC	-	<0.001	<0.004	0.00355								
Bromodichloromethane	0.06	WHO	mg/l	0 of 4	0	<0.001	<0.004	0.00355								
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Chloroethene	0.0005	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Chloroform	0.0025	EQS	mg/l	1 of 4	0	<0.001	<0.001	0.001								
Chloromethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Dibromochloromethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Dibromomethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Dichloromethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.027	0.0231								
Hexachlorobutadiene (HCBD)	0.0006	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Isopropylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Methyl tert-butyl ether (MTBE)	0.015	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Styrene	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Tetrachloroethene	0.01	EQS	mg/l	1 of 4	0	<0.001	0.002	0.00185								
Tetrachloromethane (Carbon Tetra Chlori	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Tribromomethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Trichloroethene	0.01	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
cis-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
n-propylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
trans-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
trans-1,3-Dichloropropene	0.02	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
SVOC																
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001								
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
2,4-Dimethylphenol	0.1	EQS*	mg/l	1 of 4	0	<0.001	0.0049	0.00432								
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001								

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	01_BH103	GEO_BH204	GEO_BH204	GEO_BH208	GEO_BH208	GEO_BH211A
										Sample Ref	1	200		200		200
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										Northing	399695.588	399703.59		399592.56		399513.96
										Hole Elevation (mOD)	42.57	43.276		40.66		40.44
										Sample Depth (mbgl)	0.9	2.36		12		7.73
										Piezometer top (mbgl)	1	1.5		3		5
										Piezometer base (mbgl)	3.5	10		13		10.5
										Sample Date	24/01/19	11/08/21	26/05/21	10/08/21	27/05/21	10/08/21
										Investigation		NW1604		NW1604		NW1604
										Aquifer	MG	MG	MG	MG	MG	MG
											Red Bank Plateau	STCW	STCW	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001								
2-Chlorophenol	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001								
2-Methylphenol	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001								
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	2 of 4	0	<0.001	0.0012	0.00119								
Butylbenzylphthalate	0.0075	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001								
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001								
Diethylphthalate	0.2	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Dimethylphthalate	0.8	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Hexachlorobenzene (HCB)	0.001	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Pentachlorophenol (PCP)	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Other																
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001								
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001								
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001								
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001								
3/4 Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001								
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001								
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001								
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001								
Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001								
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001								
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001								
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.553				0.0066				3
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001								
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001								
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001								
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001								
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001								
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001								

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH211A	GEO_TP202B	GEO_TP202C	GEO_WS201B	GEO_WS201B	GEO_WS207	GEO_WS207
										Sample Ref		3	8	200		200	
										Easting		384722.997	384712.277	384735.29		384628.92	
										Northing		399751.007	399739.124	399787.2		399674.79	
										Hole Elevation (mOD)		42.736	42.618	43.55		41.91	
										Sample Depth (mbgl)		0.45	1	0.79		0.27	
										Piezometer top (mbgl)				0.5		0.9	
										Piezometer base (mbgl)				1.3		4.9	
										Sample Date	27/05/21	30/03/21	30/03/21	11/08/21	26/05/21	10/08/21	26/05/21
										Investigation		NW1604	NW1604	NW1604		NW1604	
										Aquifer	MG	MG	MG	MG	MG	MG	MG
											Red Bank Plateau	Plateau Carriageworks	Plateau Carriageworks	Plateau Carriageworks	Plateau Carriageworks	RB Plateau	RB Plateau
Metal																	
Antimony	0.005	DWS	mg/l	13 of 14	1	<0.00017	0.010497	0.00502			0.00042			0.002071	0.0005	0.000637	0.00056
Arsenic	0.05	DWS	mg/l	14 of 14	0	0.00026	0.019811	0.0133			0.0098			0.00179	0.0006	0.000716	0.00066
Beryllium	0.004	USEPA	mg/l	1 of 14	0	<0.0001	0.000142	0.00011			<0.0001			<0.0001	<0.0001	<0.0001	<0.0001
Cadmium	0.00150	EQS	mg/l	9 of 14	0	<0.00003	0.001	0.00094			<0.0003			0.000853	0.00067	0.000627	0.001
Calcium		-	mg/l	No GAC	-	82	220	200.50			220			110	180	190	170
Chromium	0.0047	EQS	mg/l	10 of 14	1	<0.00025	0.007823	0.00573			0.0011			<0.00025	0.00034	0.000346	0.00037
Copper	0.001	EQS	mg/l	10 of 14	8	<0.0004	0.0081	0.00788			**0.0014**			**0.007221**	**0.0081**	**0.007768**	**0.0069**
Lead	0.0012	EQS	mg/l	12 of 14	2	<0.00009	0.005	0.00298			**0.005**			0.000124	0.00042	0.000322	0.00076
Magnesium		-	mg/l	No GAC	-	7.5	50	42.650			22			9.9	25	24	
Manganese	0.0123	EQS	mg/l	14 of 14	14	0.049	3.2	2.908			**0.67**			**0.631057**	**0.15**	**0.167887**	**0.34**
Mercury	0.001	DWS	mg/l	3 of 14	0	<0.00001	0.00002	0.00002			<0.00001			<0.00001	<0.00001	<0.00001	<0.00001
Nickel	0.004	EQS	mg/l	13 of 14	7	<0.0005	0.014	0.00909			0.0022			0.002177	**0.0053**	**0.004524**	**0.0054**
Potassium		-	mg/l	No GAC	-	5.8	21	19.950			9.9			9.2	18	21	
Selenium	0.01	DWS	mg/l	8 of 14	1	<0.00025	0.032081	0.0157			<0.00025			**0.032081**	<0.00025	<0.00025	<0.00025
Sodium	200	EUDWS	mg/l	8 of 8	0	8.2	120	111.950			13			120	29	28	
Vanadium	0.02	EQS*	mg/l	4 of 14	0	<0.0006	0.003487	0.00305			<0.0006			0.002288	<0.0006	<0.0006	<0.0006
Zinc	0.0123	EQS	mg/l	12 of 13	7	<0.0013	0.101119	0.09625			0.0092			**0.056632**		**0.101119**	**0.093**
Iron (Soluble)	0.2	DWS	mg/l	4 of 4	2	0.0041	4.1	3.608			**0.82**				0.015		
Inorganic																	
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	7.5	7.50			7.2			7.5	7.3	7.1	7.1
Cyanide	0.001	EQS	mg/l	0 of 14	0	<0.04	<0.04	0.04			<0.04			<0.04	<0.04	<0.04	<0.04
Complex Cyanide	0.001	EQS	mg/l	5 of 6	3	0.00061	0.19	0.1447			**0.0032**	0.00061	0.00065				
Cyanide Free	0.001	EQS	mg/l	0 of 6	0	<0.02	<0.02	0.02			<0.02	<0.02	<0.02				
Thiocyanate	0.001	EQS	mg/l	0 of 6	0	<0.02	<0.02	0.02			<0.02	<0.02	<0.02				
Chloride	250	EQS*/DWS	mg/l	13 of 13	0	5.6	64	48.40			38			5.6	32	27	33
Ammoniacal Nitrogen as N	0.3	EQS	mg/l	13 of 13	9	0.07	22	19.60			**2.7**			0.088	**22**	**16**	**18**
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	24	19.450			2.4			4.7	3.3	3.9	2.8
Total hardness		-	mg/l	No GAC	-	280	635	594.050			635			312	553	572	532
Nitrate as NO3	50	DWS	mg/l	6 of 8	0	<0.1	45	33.450			<0.1			0.18	45	12	
Nitrite as NO2	0.5	DWS	mg/l	3 of 8	0	<0.1	<0.5	0.5			<0.1			<0.1	0.32	<0.5	
Sulphate as SO4	250	DWS	mg/l	8 of 8	0	30	150	150.0			150			150	34	30	
Sulphide		-	mg/l	No GAC	-	0.01636	45	44.650			44			0.01636	19	0.212521	
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	380	640	626.0			470			380	600	640	
Biochemical Oxygen Demand															1.9		
Chemical Oxygen Demand															<10		
Phenol and mineral oils																	
Phenol	0.0077	EQS	mg/l	1 of 4	0	<0.0001	0.0027	0.00245			0.0027	<0.0001	<0.001				
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 14	0	<0.1	<0.1	0.1			<0.1			<0.1	<0.1	<0.1	<0.1
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241			0.028	<0.002					
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001			<0.0001	<0.0001					
Resorcinol											0.026	<0.0001					
Naphthols											<0.0001	<0.0001					
TPH																	
Aliphatics >C10-12	0.3	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001	<0.001	<0.001		<0.001		<0.001
Aliphatics >C12-16	0.3	WHO	mg/l	1 of 11	0	<0.001	0.0052	0.00331			<0.001	<0.001	<0.001		<0.001		<0.001
Aliphatics >C16-21		-	mg/l	No GAC	-	<0.001	0.026	0.01682			0.0056	<0.001	<0.001		<0.001		<0.001
Aliphatics >C21-35		-	mg/l	No GAC	-	<0.001	0.04	0.02245			0.04	<0.001	<0.001		<0.001		<0.001
Aliphatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	<0.001		<0.001		<0.001
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.01	<0.01	0.01									

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH211A	GEO_TP202B	GEO_TP202C	GEO_WS201B	GEO_WS201B	GEO_WS207	GEO_WS207
										Sample Ref		3	8	200		200	
										Easting		384722.997	384712.277	384735.29		384628.92	
										Northing		399751.007	399739.124	399787.2		399674.79	
										Hole Elevation (mOD)		42.736	42.618	43.55		41.91	
										Sample Depth (mbgl)		0.45	1	0.79		0.27	
										Piezometer top (mbgl)				0.5		0.9	
										Piezometer base (mbgl)				1.3		4.9	
										Sample Date	27/05/21	30/03/21	30/03/21	11/08/21	26/05/21	10/08/21	26/05/21
										Investigation		NW1604	NW1604	NW1604		NW1604	
										Aquifer	MG	MG	MG	MG	MG	MG	MG
											Red Bank Plateau	Plateau Carriageworks	Plateau Carriageworks	Plateau Carriageworks	Plateau Carriageworks	RB Plateau	RB Plateau
Aliphatics >C5-6	15	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	<0.0001		<0.0001		<0.0001
Aliphatics >C6-8	15	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	<0.0001		<0.0001		<0.0001
Aliphatics >C8-10	0.3	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	<0.0001		<0.0001		<0.0001
Aromatics >C10-12	0.09	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001	<0.001	<0.001		<0.001		<0.001
Aromatics >C12-16	0.09	WHO	mg/l	1 of 11	0	<0.001	0.0018	0.00144			0.0018	<0.001	<0.001		<0.001		<0.001
Aromatics >C16-21	0.09	WHO	mg/l	1 of 11	0	<0.001	0.017	0.0098			0.017	<0.001	<0.001		<0.001		<0.001
Aromatics >C21-35	0.09	WHO	mg/l	1 of 11	0	<0.001	0.057	0.0318			0.057	<0.001	<0.001		<0.001		<0.001
Aromatics >C35-44		-	mg/l	No GAC	-	<0.001	0.0056	0.00376			0.0056	<0.001	<0.001		<0.001		<0.001
Aromatics >C5-7	0.01	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	<0.0001		<0.0001		<0.0001
Aromatics >C7-8	0.7	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	<0.0001		<0.0001		<0.0001
Aromatics >C8-10	0.3	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	<0.0001		<0.0001		<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.033	0.02144			0.0041	<0.001	<0.001		<0.001		<0.001
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.0852			0.12	<0.001	<0.001		<0.001		<0.001
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01									
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01									
PAH																	
Acenaphthene	2	USEPA	mg/l	7 of 11	0	<0.00001	0.0068	0.00396			0.00003	0.001126	<0.001		0.00001		<0.00001
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00816			<0.00001	0.015089	0.00123		<0.00001		<0.00001
Fluoranthene	0.000006	EQS	mg/l	8 of 11	8	<0.00001	0.019478	0.01341			**0.00001**	**0.019478**	**0.00734**		**0.00002**		<0.00001
Fluorene		-	mg/l	No GAC	-	0.000001	0.0028	0.002			0.00003	0.001201	<0.001		<0.00001		<0.00001
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.03412			<0.00001	0.064903	0.00334		<0.00001		<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.006666	0.00508			0.00003	0.006666	0.00272		0.00001		<0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	0.021859	0.01471			<0.00001	0.021859	0.00757		<0.00001		<0.00001
Napthalene	0.002	EQS	mg/l	3 of 11	1	<0.00005	0.016	0.0085			<0.00005	<0.00005	<0.001		<0.00005		<0.00005
Pah,Total		-	mg/l	No GAC	-	<0.0002	0.359917	0.21325			0.00021	0.359917			<0.002		<0.002
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.003	0.002			0.00003	<0.00001	<0.001		<0.00001		<0.00001
Anthracene	0.0001	EQS	mg/l	6 of 11	4	<0.00001	0.002814	0.00192			<0.00001	**0.002814**	**0.00103**		0.00002		0.00002
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.012339	0.00843			<0.00001	0.012339	0.00452		<0.00001		<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.03886			<0.00001	0.073465	0.00426		<0.00001		<0.00001
Benzo(a)pyrene	0.00000	EQS	mg/l	4 of 11	4	<0.00001	0.049364	0.02785			<0.00001	**0.049364**	**0.00633**		<0.00001		<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.03143			<0.00001	0.054044	0.00882		<0.00001		<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.01182			<0.00001	0.021665	0.00198		<0.00001		<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.0099			<0.00001	0.015904	0.0039		<0.00001		<0.00001
BTEX																	
Benzene	0.001	DWS	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001	<0.001	<0.001		<0.001		<0.001
Toluene	0.074	EQS	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001	<0.001	<0.001		<0.001		<0.001
Ethylbenzene	0.02	EQS*	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001	<0.001	<0.001		<0.001		<0.001
O-Xylene	0.03	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001				
Xylene	0.03	EQS*	mg/l	0 of 9	0	<0.001	<0.001	0.001			<0.001	<0.001			<0.001		<0.001
m,p xylenes	0.03	EQS*	mg/l	0 of 1	0	<0.002	<0.002	0.002					<0.002				
VOC																	
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH211A	GEO_TP202B	GEO_TP202C	GEO_WS201B	GEO_WS201B	GEO_WS207	GEO_WS207
										Sample Ref		3	8	200		200	
										Easting		384722.997	384712.277	384735.29		384628.92	
										Northing		399751.007	399739.124	399787.2		399674.79	
										Hole Elevation (mOD)		42.736	42.618	43.55		41.91	
										Sample Depth (mbgl)		0.45	1	0.79		0.27	
										Piezometer top (mbgl)				0.5		0.9	
										Piezometer base (mbgl)				1.3		4.9	
										Sample Date	27/05/21	30/03/21	30/03/21	11/08/21	26/05/21	10/08/21	26/05/21
										Investigation		NW1604	NW1604	NW1604		NW1604	
										Aquifer	MG	MG	MG	MG	MG	MG	MG
											Red Bank Plateau	Plateau Carriageworks	Plateau Carriageworks	Plateau Carriageworks	Plateau Carriageworks	RB Plateau	RB Plateau
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
1,2-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
1,2-Dichloroethane	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.002	0.00185			<0.001		<0.002				
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.00185			<0.001		<0.002				
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Bromochloromethane			mg/l	No GAC	-	<0.001	<0.004	0.00355			<0.001		<0.004				
Bromodichloromethane	0.06	WHO	mg/l	0 of 4	0	<0.001	<0.004	0.00355			<0.001		<0.004				
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Chloroethene	0.0005	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Chloroform	0.0025	EQS	mg/l	1 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Chloromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Dibromochloromethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Dibromomethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Dichloromethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.027	0.0231			<0.001		<0.027				
Hexachlorobutadiene (HCBD)	0.0006	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Isopropylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Methyl tert-butyl ether (MTBE)	0.015	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Styrene	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Tetrachloroethene	0.01	EQS	mg/l	1 of 4	0	<0.001	0.002	0.00185			0.002		<0.001				
Tetrachloromethane (Carbon Tetra Chlor	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Tribromomethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Trichloroethene	0.01	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
cis-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
n-propylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
trans-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
trans-1,3-Dichloropropene	0.02	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
SVOC																	
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
2,4-Dimethylphenol	0.1	EQS*	mg/l	1 of 4	0	<0.001	0.0049	0.00432			<0.001		<0.001				
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH211A	GEO_TP202B	GEO_TP202C	GEO_WS201B	GEO_WS201B	GEO_WS207	GEO_WS207
										Sample Ref		3	8	200		200	
										Easting		384722.997	384712.277	384735.29		384628.92	
										Northing		399751.007	399739.124	399787.2		399674.79	
										Hole Elevation (mOD)		42.736	42.618	43.55		41.91	
										Sample Depth (mbgl)		0.45	1	0.79		0.27	
										Piezometer top (mbgl)				0.5		0.9	
										Piezometer base (mbgl)				1.3		4.9	
										Sample Date	27/05/21	30/03/21	30/03/21	11/08/21	26/05/21	10/08/21	26/05/21
										Investigation		NW1604	NW1604	NW1604		NW1604	
										Aquifer	MG	MG	MG	MG	MG	MG	MG
											Red Bank Plateau	Plateau Carriageworks	Plateau Carriageworks	Plateau Carriageworks	Plateau Carriageworks	RB Plateau	RB Plateau
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
2-Chlorophenol	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
2-Methylphenol	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	2 of 4	0	<0.001	0.0012	0.00119			0.0012		<0.001				
Butylbenzylphthalate	0.0075	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001				
Diethylphthalate	0.2	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Dimethylphthalate	0.8	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Hexachlorobenzene (HCB)	0.001	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Pentachlorophenol (PCP)	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001		<0.001				
Other																	
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
3/4 Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001	<0.001				
Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.553						0.009		0.021	
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				<0.0001					
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				<0.0001					
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				<0.0001					
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				<0.0001					
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001				

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH207	GEO_WS208	GEO_WS210
										Sample Ref			
										Easting			
										Northing			
										Hole Elevation (mOD)			
										Sample Depth (mbgl)			
										Piezometer top (mbgl)			
										Piezometer base (mbgl)			
										Sample Date	26/05/21	01/06/21	01/06/21
										Investigation			
										Aquifer	MG	MG	MG
											RB Plateau	Gasholder	RB Plateau
Metal													
Antimony	0.005	DWS	mg/l	13 of 14	1	<0.00017	0.010497	0.00502			0.00043	0.00019	0.00025
Arsenic	0.05	DWS	mg/l	14 of 14	0	0.00026	0.019811	0.0133			0.0024	0.0075	0.00026
Beryllium	0.004	USEPA	mg/l	1 of 14	0	<0.0001	0.000142	0.00011			<0.0001	<0.0001	<0.0001
Cadmium	0.00150	EQS	mg/l	9 of 14	0	<0.00003	0.001	0.00094			0.0002	<0.00003	0.0001
Calcium		-	mg/l	No GAC	-	82	220	200.50			110	170	82
Chromium	0.0047	EQS	mg/l	10 of 14	1	<0.00025	0.007823	0.00573			0.0003	<0.00025	0.0046
Copper	0.001	EQS	mg/l	10 of 14	8	<0.0004	0.0081	0.00788			0.0004	<0.0004	0.0008
Lead	0.0012	EQS	mg/l	12 of 14	2	<0.00009	0.005	0.00298			0.00027	0.0006	<0.00009
Magnesium		-	mg/l	No GAC	-	7.5	50	42.650			50	7.5	
Manganese	0.0123	EQS	mg/l	14 of 14	14	0.049	3.2	2.908			**1.7**	**3.2**	**0.049**
Mercury	0.001	DWS	mg/l	3 of 14	0	<0.00001	0.00002	0.00002			0.00002	<0.00001	<0.00001
Nickel	0.004	EQS	mg/l	13 of 14	7	<0.0005	0.014	0.00909			**0.014**	0.0016	0.0023
Potassium		-	mg/l	No GAC	-	5.8	21	19.950			5.8	8.1	
Selenium	0.01	DWS	mg/l	8 of 14	1	<0.00025	0.032081	0.0157			0.0013	0.00073	0.0016
Sodium	200	EUDWS	mg/l	8 of 8	0	8.2	120	111.950			97	24	
Vanadium	0.02	EQS*	mg/l	4 of 14	0	<0.0006	0.003487	0.00305			<0.0006	<0.0006	<0.0006
Zinc	0.0123	EQS	mg/l	12 of 13	7	<0.0013	0.101119	0.09625			**0.077**	0.0022	0.0063
Iron (Soluble)	0.2	DWS	mg/l	4 of 4	2	0.0041	4.1	3.608			0.0041	**4.1**	
Inorganic													
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	7.5	7.50			7.1	7.3	6.5
Cyanide	0.001	EQS	mg/l	0 of 14	0	<0.04	<0.04	0.04			<0.04	<0.04	<0.04
Complex Cyanide	0.001	EQS	mg/l	5 of 6	3	0.00061	0.19	0.1447			<0.001	**0.19**	
Cyanide Free	0.001	EQS	mg/l	0 of 6	0	<0.02	<0.02	0.02			<0.02	<0.02	
Thiocyanate	0.001	EQS	mg/l	0 of 6	0	<0.02	<0.02	0.02			<0.02	<0.02	
Chloride	250	EQS*/DWS	mg/l	13 of 13	0	5.6	64	48.40			64	13	21
Ammoniacal Nitrogen as N	0.3	EQS	mg/l	13 of 13	9	0.07	22	19.60			0.077	0.07	0.12
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	24	19.450			<2	3.8	3.3
Total hardness		-	mg/l	No GAC	-	280	635	594.050			476	456	280
Nitrate as NO3	50	DWS	mg/l	6 of 8	0	<0.1	45	33.450			0.57	<0.1	
Nitrite as NO2	0.5	DWS	mg/l	3 of 8	0	<0.1	<0.5	0.5			<0.1	0.43	
Sulphate as SO4	250	DWS	mg/l	8 of 8	0	30	150	150.0			150	55	
Sulphide		-	mg/l	No GAC	-	0.01636	45	44.650			26	45	
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	380	640	626.0			450	420	
Biochemical Oxygen Demand													
Chemical Oxygen Demand													
Phenol and mineral oils													
Phenol	0.0077	EQS	mg/l	1 of 4	0	<0.0001	0.0027	0.00245			<0.0001		
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 14	0	<0.1	<0.1	0.1			<0.1	<0.1	<0.1
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241			<0.0001	<0.0001	
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	
Resorcinol											<0.0001	<0.0001	
Naphthols											<0.0001	<0.0001	
TPH													
Aliphatics >C10-12	0.3	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001	<0.001	Insuff. Sample
Aliphatics >C12-16	0.3	WHO	mg/l	1 of 11	0	<0.001	0.0052	0.00331			<0.001	<0.001	Insuff. Sample
Aliphatics >C16-21		-	mg/l	No GAC	-	<0.001	0.026	0.01682			<0.001	<0.001	Insuff. Sample
Aliphatics >C21-35		-	mg/l	No GAC	-	<0.001	0.04	0.02245			<0.001	<0.001	Insuff. Sample
Aliphatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	Insuff. Sample
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.01	<0.01	0.01					

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH207	GEO_WS208	GEO_WS210
										Sample Ref			
										Easting			
										Northing			
										Hole Elevation (mOD)			
										Sample Depth (mbgl)			
										Piezometer top (mbgl)			
										Piezometer base (mbgl)			
										Sample Date	26/05/21	01/06/21	01/06/21
										Investigation			
										Aquifer	MG	MG	MG
											RB Plateau	Gasholder	RB Plateau
Aliphatics >C5-6	15	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	Insuff. Sample
Aliphatics >C6-8	15	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	Insuff. Sample
Aliphatics >C8-10	0.3	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	Insuff. Sample
Aromatics >C10-12	0.09	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001	<0.001	Insuff. Sample
Aromatics >C12-16	0.09	WHO	mg/l	1 of 11	0	<0.001	0.0018	0.00144			<0.001	<0.001	Insuff. Sample
Aromatics >C16-21	0.09	WHO	mg/l	1 of 11	0	<0.001	0.017	0.0098			<0.001	<0.001	Insuff. Sample
Aromatics >C21-35	0.09	WHO	mg/l	1 of 11	0	<0.001	0.057	0.0318			<0.001	<0.001	Insuff. Sample
Aromatics >C35-44		-	mg/l	No GAC	-	<0.001	0.0056	0.00376			<0.001	<0.001	Insuff. Sample
Aromatics >C5-7	0.01	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	Insuff. Sample
Aromatics >C7-8	0.7	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	Insuff. Sample
Aromatics >C8-10	0.3	WHO	mg/l	0 of 11	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	Insuff. Sample
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.033	0.02144			<0.001	<0.001	Insuff. Sample
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.0852			<0.001	<0.001	Insuff. Sample
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01					
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01					
PAH													
Acenaphthene	2	USEPA	mg/l	7 of 11	0	<0.00001	0.0068	0.00396			0.00001	0.0068	<0.00001
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00816			<0.00001	<0.00001	<0.00001
Fluoranthene	0.000006	EQS	mg/l	8 of 11	8	<0.00001	0.019478	0.01341			<0.00001	**0.00084**	**0.00038**
Fluorene		-	mg/l	No GAC	-	0.000001	0.0028	0.002			0.000001	0.0028	<0.00001
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.03412			<0.00001	<0.00001	<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.006666	0.00508			<0.00001	0.0035	0.0003
Pyrene		-	mg/l	No GAC	-	<0.00001	0.021859	0.01471			<0.00001	0.00057	0.00083
Napthalene	0.002	EQS	mg/l	3 of 11	1	<0.00005	0.016	0.0085			<0.00005	**0.016**	<0.00005
Pah,Total		-	mg/l	No GAC	-	<0.0002	0.359917	0.21325			<0.0002	0.034	<0.002
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.003	0.002			<0.00001	0.003	<0.00001
Anthracene	0.0001	EQS	mg/l	6 of 11	4	<0.00001	0.002814	0.00192			<0.00001	**0.00056**	<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.012339	0.00843			<0.00001	0.00006	<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.03886			<0.00001	<0.00001	<0.00001
Benzo(a)pyrene	0.00000	EQS	mg/l	4 of 11	4	<0.00001	0.049364	0.02785			<0.00001	**0.00001**	<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.03143			<0.00001	0.00002	<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.01182			<0.00001	<0.00001	<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.0099			<0.00001	0.00004	<0.00001
BTEX													
Benzene	0.001	DWS	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001	<0.001	
Toluene	0.074	EQS	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001	<0.001	
Ethylbenzene	0.02	EQS*	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001	<0.001	
O-Xylene	0.03	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					
Xylene	0.03	EQS*	mg/l	0 of 9	0	<0.001	<0.001	0.001			<0.001	<0.001	
m,p xylenes	0.03	EQS*	mg/l	0 of 1	0	<0.002	<0.002	0.002					
VOC													
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH207	GEO_WS208	GEO_WS210
										Sample Ref			
										Easting			
										Northing			
										Hole Elevation (mOD)			
										Sample Depth (mbgl)			
										Piezometer top (mbgl)			
										Piezometer base (mbgl)			
										Sample Date	26/05/21	01/06/21	01/06/21
										Investigation			
										Aquifer	MG	MG	MG
											RB Plateau	Gasholder	RB Plateau
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
1,2-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
1,2-Dichloroethane	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.002	0.00185			<0.001	<0.001	
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.00185			<0.001	<0.001	
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Bromochloromethane			mg/l	No GAC	-	<0.001	<0.004	0.00355			<0.001	<0.001	
Bromodichloromethane	0.06	WHO	mg/l	0 of 4	0	<0.001	<0.004	0.00355			<0.001	<0.001	
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Chloroethene	0.0005	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Chloroform	0.0025	EQS	mg/l	1 of 4	0	<0.001	<0.001	0.001			0.001	<0.001	
Chloromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Dibromochloromethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Dibromomethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Dichloromethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.027	0.0231			<0.001	<0.001	
Hexachlorobutadiene (HCBD)	0.0006	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Isopropylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Methyl tert-butyl ether (MTBE)	0.015	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Styrene	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Tetrachloroethene	0.01	EQS	mg/l	1 of 4	0	<0.001	0.002	0.00185			<0.001	<0.001	
Tetrachloromethane (Carbon Tetra Chlor	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Tribromomethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Trichloroethene	0.01	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
cis-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
n-propylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
trans-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
trans-1,3-Dichloropropene	0.02	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
SVOC													
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
2,4-Dimethylphenol	0.1	EQS*	mg/l	1 of 4	0	<0.001	0.0049	0.00432			<0.001	0.0049	
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH207	GEO_WS208	GEO_WS210
										Sample Ref			
										Easting			
										Northing			
										Hole Elevation (mOD)			
										Sample Depth (mbgl)			
										Piezometer top (mbgl)			
										Piezometer base (mbgl)			
										Sample Date	26/05/21	01/06/21	01/06/21
										Investigation			
										Aquifer	MG	MG	MG
											RB Plateau	Gasholder	RB Plateau
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
2-Chlorophenol	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
2-Methylphenol	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	2 of 4	0	<0.001	0.0012	0.00119			<0.001	0.0011	
Butylbenzylphthalate	0.0075	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Diethylphthalate	0.2	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Dimethylphthalate	0.8	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Hexachlorobenzene (HCB)	0.001	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Pentachlorophenol (PCP)	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	<0.001	
Other													
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001					
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001					
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001					
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001					
3/4 Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001					
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001					
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001					
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001					
Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001					
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001					
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001					
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001					
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001					
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.553					
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001					
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001					
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001					
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001					
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001					
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001					

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

										Upgradient BH		Upgradient BH		Buried river channel	
Hole Ref										GEO_BH201	GEO_BH201	GEO_BH205	GEO_BH205	GEO_BH209	GEO_BH209
Sample Ref										200		200		200	
Easting										384762.04		384689.078		384548.843	
Northing										399820.851		399735.153		399628.33	
Hole Elevation (mOD)										43.4		42.578		41.214	
Sample Depth (mbgl)										4.95		5.68		12.47	
Piezometer top (mbgl)										3		4.8		11	
Piezometer base (mbgl)										5		10.8		17	
Sample Date										11/08/21	26/05/21	11/08/21	26/05/21	10/08/21	27/05/21
Investigation										NW1604		NW1604		NW1604	
Aquifer										MDST	MDST	MDST	MDST	SST	SST
Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau
Metal															
Antimony	0.005	DWS	mg/l	10 of 10	1	0.000258	0.0059	0.00415		0.001377	0.00035	0.000258	0.00034	0.00061	0.00038
Arsenic	0.05	EQS	mg/l	10 of 10	0	0.000551	0.014	0.01089		0.007084	0.0012	0.000551	0.0016	0.001961	0.0029
Beryllium	0.004	USEPA	mg/l	0 of 10	0	<0.0001	<0.0001	0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Cadmium	0.00150	EQS*	mg/l	6 of 10	0	<0.00003	0.000968	0.00082		<0.00003	0.00039	0.000295	0.00064	0.000968	0.0003
Calcium		-	mg/l	No GAC	-	37	170	156.50		37	58	91	64	140	100
Chromium	0.0047	EQS	mg/l	6 of 10	0	<0.00025	0.0019	0.00133		0.000387	<0.00025	<0.00025	<0.00025	0.00041	<0.00025
Copper	0.001	EQS	mg/l	9 of 10	4	<0.0004	0.005786	0.00525		**0.005786**	0.0005	<0.0004	0.0007	0.000525	0.0006
Lead	0.0012	EQS	mg/l	8 of 10	0	<0.00009	0.00091	0.00069		0.000119	0.0002	<0.00009	0.00015	0.000356	0.00041
Magnesium		-	mg/l	No GAC	-	11	50	48.50			23		45		50
Manganese	0.0123	EQS	mg/l	10 of 10	9	0.004903	1.6	1.263		0.004903	**0.39**	**0.280095**	**0.46**	**0.753782**	**1.6**
Mercury	0.001	DWS	mg/l	7 of 10	0	0.000002	0.00007	0.00006		<0.00001	0.00005	0.000023	0.000002	0.000013	0.00002
Nickel	0.004	EQS	mg/l	8 of 10	2	<0.0005	0.014998	0.01365		<0.0005	0.0022	<0.0005	0.003	**0.014998**	**0.012**
Potassium		-	mg/l	No GAC	-	4.1	7.6	7.60			6.5		4.1		5.3
Selenium	0.01	DWS	mg/l	10 of 10	0	0.00037	0.0069	0.00481		0.000756	0.0016	0.000611	0.00059	0.002252	0.001
Sodium	200	EUDWS	mg/l	7 of 7	0	16	89	78.50			39		54		89
Vanadium	0.02	EQS*	mg/l	2 of 10	0	<0.0006	0.0028	0.00259		0.002327	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
Zinc	0.0123	EQS*	mg/l	9 of 10	5	<0.0013	0.100339	0.07814		<0.0013	0.012	**0.015462**	**0.024**	**0.100339**	**0.051**
Iron (Soluble)	0.2	DWS	mg/l	6 of 6	3	0.0024	5.9	4.70			0.0024		0.018		0.0097
Inorganic															
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.9	8.1	7.830		8.1	7	7.5	7.4	6.9	7.1
Cyanide	0.001	EQS	mg/l	1 of 10	1	<0.04	0.29	0.1775		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Complex Cyanide	0.001	EQS	mg/l	2 of 2	2	0.0011	0.36	0.34206							
Cyanide Free	0.001	EQS	mg/l	1 of 2	1	<0.02	0.26	0.248							
Thiocyanate	0.001	EQS	mg/l	0 of 2	0	<0.02	<0.02	0.02							
Chloride	250	EQS*/DWS	mg/l	8 of 8	0	4.4	63	58.80		4.4	20	16		51	63
Ammoniacal Nitrogen as N	0.3	EQS	mg/l	7 of 8	3	<0.015	7.4	5.685		**0.34**	0.19	0.11		0.13	0.15
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	15	9.825		15	<2	<2	<2	<2	<2
Total hardness		-	mg/l	No GAC	-	115	589	537.70		115	237	366	345	589	468
Nitrate as NO3	50	DWS	mg/l	2 of 7	0	<0.1	13	9.388			<0.1		<0.1		0.96
Nitrite as NO2	0.5	DWS	mg/l	0 of 7	0	<0.1	<0.5	0.38			<0.1		<0.1		<0.1
Sulphate as SO4	250	DWS	mg/l	7 of 7	0	38	200	185.0			54		78		150
Sulphide		-	mg/l	No GAC	-	<0.01	160	133.90			<0.01		0.058		160
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	250	400	397.0			280		310		400
Biochemical Oxygen Demand		-	mg/l	No GAC	-	1.7	7.7	7.40			7.7		1.7		
Chemical Oxygen Demand		-	mg/l	No GAC	-	24	34	33.50			24		34		
Phenol and mineral oils															
Phenol	0.0077	EQS	mg/l	0 of 1	0	<0.01	<0.01	0.01							
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 10	0	<0.1	<0.1	0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenols, Total		-	mg/l	No GAC	-	<0.01	<0.01	0.01							
Cresols		-	mg/l	No GAC	-	<0.01	<0.01	0.01							
Resorcinol		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001							
Naphthols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001							
TPH															
Aliphatics >C10-12	0.3	WHO	mg/l	0 of 6	0	<0.001	<0.001	0.001			<0.001		<0.001		<0.001
Aliphatics >C12-16	0.3	WHO	mg/l	0 of 6	0	<0.001	<0.001	0.001			<0.001		<0.001		<0.001
Aliphatics >C16-21		-	mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001		<0.001
Aliphatics >C21-35		-	mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001		<0.001

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH201	GEO_BH201	GEO_BH205	GEO_BH205	GEO_BH209	GEO_BH209
										Sample Ref	200		200		200	
										Easting	384762.04		384689.078		384548.843	
										Northing	399820.851		399735.153		399628.33	
										Hole Elevation (mOD)	43.4		42.578		41.214	
										Sample Depth (mbgl)	4.95		5.68		12.47	
										Piezometer top (mbgl)	3		4.8		11	
										Piezometer base (mbgl)	5		10.8		17	
										Sample Date	11/08/21	26/05/21	11/08/21	26/05/21	10/08/21	27/05/21
										Investigation	NW1604		NW1604		NW1604	
										Aquifer	MDST	MDST	MDST	MDST	SST	SST
											Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau
Aliphatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001		<0.001		<0.001
Aliphatics >C5-6	15	WHO	mg/l	0 of 6	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001		<0.0001
Aliphatics >C6-8	15	WHO	mg/l	0 of 6	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001		<0.0001
Aliphatics >C8-10	0.3	WHO	mg/l	0 of 6	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001		<0.0001
Aromatics >C10-12	0.09	WHO	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001
Aromatics >C12-16	0.09	WHO	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001
Aromatics >C16-21	0.09	WHO	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001
Aromatics >C21-35	0.09	WHO	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001
Aromatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001		<0.001		<0.001
Aromatics >C5-7	0.01	WHO	mg/l	0 of 6	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001		<0.0001
Aromatics >C7-8	0.7	WHO	mg/l	0 of 6	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001		<0.0001
Aromatics >C8-10	0.3	WHO	mg/l	0 of 6	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001		<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001		<0.001		<0.001
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001		<0.001		<0.001
PAH																
Acenaphthene	2	USEPA	mg/l	4 of 6	0	<0.00001	0.0017	0.0013				<0.00001		<0.00001		0.00001
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001		<0.00001
Fluoranthene	0.000006	EQS	mg/l	3 of 6	3	<0.00001	0.00006	0.00005				<0.00001		<0.00001		<0.00001
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00042	0.00033				<0.00001		<0.00001		<0.00001
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001		<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.00024	0.00019				<0.00001		<0.00001		<0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	0.00009	0.00007				<0.00001		<0.00001		<0.00001
Napthalene	0.002	EQS	mg/l	2 of 6	1	<0.00005	0.0085	0.00646				<0.00005		<0.00005		<0.00005
Pah,Total		-	mg/l	No GAC	-	<0.0002	0.012	0.00915				<0.0002		<0.0002		<0.0002
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.0004	0.00031				<0.00001		<0.00001		<0.00001
Anthracene	0.0001	EQS	mg/l	1 of 6	1	<0.00001	0.00012	0.00009				<0.00001		<0.00001		<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001		<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001		<0.00001
Benzo(a)pyrene	0.000000	EQS	mg/l	0 of 6	0	<0.00001	<0.00001	0.00001				<0.00001		<0.00001		<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001		<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001		<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.00002	0.00002				<0.00001		<0.00001		<0.00001
BTEX																
Benzene	0.001	DWS	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001
Toluene	0.074	EQS	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001
Ethylbenzene	0.02	EQS*	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001
Xylene	0.03	EQS*	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001
VOC																
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001								
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001								
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001								
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001								
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001								

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH201	GEO_BH201	GEO_BH205	GEO_BH205	GEO_BH209	GEO_BH209
										Sample Ref	200		200		200	
										Easting	384762.04		384689.078		384548.843	
										Northing	399820.851		399735.153		399628.33	
										Hole Elevation (mOD)	43.4		42.578		41.214	
										Sample Depth (mbgl)	4.95		5.68		12.47	
										Piezometer top (mbgl)	3		4.8		11	
										Piezometer base (mbgl)	5		10.8		17	
										Sample Date	11/08/21	26/05/21	11/08/21	26/05/21	10/08/21	27/05/21
										Investigation	NW1604		NW1604		NW1604	
										Aquifer	MDST	MDST	MDST	MDST	SST	SST
											Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001								
1,2-Dichlorobenzene	0.02	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
1,2-Dichloroethane	0.003	DWS	mg/l	0 of 1	0	<0.001	<0.001	0.001								
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001								
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001								
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bromochloromethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bromodichloromethane	0.06	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Chloroethene	0.0005	DWS	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Chloroform	0.0025	EQS	mg/l	1 of 1	0	0.001	0.001	0.001								
Chloromethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Dibromochloromethane	0.1	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Dibromomethane	0.02	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Dichloromethane	0.02	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Hexachlorobutadiene (HCBD)	0.0006	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Isopropylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Methyl tert-butyl ether (MTBE)	0.015	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Styrene	0.05	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Tetrachloroethene	0.01	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Tetrachloromethane (Carbon Tetra Chlor	0.003	DWS	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Tribromomethane	0.1	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Trichloroethene	0.01	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
cis-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001								
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
n-propylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
trans-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001								
trans-1,3-Dichloropropene	0.02	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001								
SVOC																
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001								
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001								
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001								
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 1	0	<0.001	<0.001	0.001								
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001								
2-Chlorophenol	0.05	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH201	GEO_BH201	GEO_BH205	GEO_BH205	GEO_BH209	GEO_BH209
										Sample Ref	200		200		200	
										Easting	384762.04		384689.078		384548.843	
										Northing	399820.851		399735.153		399628.33	
										Hole Elevation (mOD)	43.4		42.578		41.214	
										Sample Depth (mbgl)	4.95		5.68		12.47	
										Piezometer top (mbgl)	3		4.8		11	
										Piezometer base (mbgl)	5		10.8		17	
										Sample Date	11/08/21	26/05/21	11/08/21	26/05/21	10/08/21	27/05/21
										Investigation	NW1604		NW1604		NW1604	
										Aquifer	MDST	MDST	MDST	MDST	SST	SST
											Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001								
2-Methylphenol	0.1	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001								
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 1	1	0.0052	0.0052	0.0052								
Butylbenzylphthalate	0.0075	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001								
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 1	0	0.0015	0.0015	0.0015								
Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001								
Diethylphthalate	0.2	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Dimethylphthalate	0.8	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Hexachlorobenzene (HCB)	0.001	USEPA	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Pentachlorophenol (PCP)	0.0004	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Other																
Iron (Soluble)			mg/l	No GAC	-	0.24	0.24	0.24								

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

										Buried reservoir		Buried river channel	Floodplain
									Hole Ref	GEO_BH210	GEO_BH210	GEO_BH203	GEO_BH212
									Sample Ref	200			
									Easting	384479.67			
									Northing	399554.7			
									Hole Elevation (mOD)	40.45			
									Sample Depth (mbgl)	10.8			
									Piezometer top (mbgl)	14			
									Piezometer base (mbgl)	19.6			
									Sample Date	10/08/21	27/05/21	26/05/21	01/06/21
									Investigation	NW1604			
									Aquifer	SST	SST	SST	SST
Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Red Bank Plateau	Red Bank Plateau	St. Catherines Wood	Red Bank Viaduct
Metal													
Antimony	0.005	DWS	mg/l	10 of 10	1	0.000258	0.0059	0.00415		0.002005	0.002	0.00051	**0.0059**
Arsenic	0.05	EQS	mg/l	10 of 10	0	0.000551	0.014	0.01089		0.001124	0.0026	0.0039	0.014
Beryllium	0.004	USEPA	mg/l	0 of 10	0	<0.0001	<0.0001	0.0001		<0.0001	<0.0001	<0.0001	<0.0001
Cadmium	0.00150	EQS*	mg/l	6 of 10	0	<0.00003	0.000968	0.00082		<0.00003	<0.0003	<0.0003	0.00019
Calcium		-	mg/l	No GAC	-	37	170	156.50		120	100	85	170
Chromium	0.0047	EQS	mg/l	6 of 10	0	<0.00025	0.0019	0.00133		0.000643	0.00026	0.00028	0.0019
Copper	0.001	EQS	mg/l	9 of 10	4	<0.0004	0.005786	0.00525		**0.003132**	**0.0022**	0.0006	**0.0046**
Lead	0.0012	EQS	mg/l	8 of 10	0	<0.00009	0.00091	0.00069		<0.00009	0.00024	0.00091	0.00043
Magnesium		-	mg/l	No GAC	-	11	50	48.50		27	28	23	11
Manganese	0.0123	EQS	mg/l	10 of 10	9	0.004903	1.6	1.263		**0.746742**	**0.85**	**0.66**	**0.023**
Mercury	0.001	DWS	mg/l	7 of 10	0	0.000002	0.00007	0.00006		<0.00001	<0.00001	0.00007	0.00004
Nickel	0.004	EQS	mg/l	8 of 10	2	<0.0005	0.014998	0.01365		0.001259	0.0021	0.0012	0.0027
Potassium		-	mg/l	No GAC	-	4.1	7.6	7.60		7.1	7.6	7.2	7.6
Selenium	0.01	DWS	mg/l	10 of 10	0	0.00037	0.0069	0.00481		0.000387	0.00054	0.00037	0.0069
Sodium	200	EUDWS	mg/l	7 of 7	0	16	89	78.50		38	48	18	16
Vanadium	0.02	EQS*	mg/l	2 of 10	0	<0.0006	0.0028	0.00259		<0.0006	<0.0006	<0.0006	0.0028
Zinc	0.0123	EQS*	mg/l	9 of 10	5	<0.0013	0.100339	0.07814		0.003744	0.0039	0.0043	**0.022**
Iron (Soluble)	0.2	DWS	mg/l	6 of 6	3	0.0024	5.9	4.70			**1.1**	**5.9**	**0.22**
Inorganic													
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.9	8.1	7.830		7	7.2	7.1	7.2
Cyanide	0.001	EQS	mg/l	1 of 10	1	<0.04	0.29	0.1775		<0.04	<0.04	<0.04	**0.29**
Complex Cyanide	0.001	EQS	mg/l	2 of 2	2	0.0011	0.36	0.34206				**0.0011**	**0.36**
Cyanide Free	0.001	EQS	mg/l	1 of 2	1	<0.02	0.26	0.248				<0.02	**0.26**
Thiocyanate	0.001	EQS	mg/l	0 of 2	0	<0.02	<0.02	0.02				<0.02	<0.02
Chloride	250	EQS*/DWS	mg/l	8 of 8	0	4.4	63	58.80		22	28		23
Ammoniacal Nitrogen as N	0.3	EQS	mg/l	7 of 8	3	<0.015	7.4	5.685		**2.5**	**7.4**		<0.015
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	15	9.825		3.5	3.3	3.3	<2
Total hardness		-	mg/l	No GAC	-	115	589	537.70		410	370	307	475
Nitrate as NO3	50	DWS	mg/l	2 of 7	0	<0.1	13	9.388		<0.5	<0.1	<0.1	13
Nitrite as NO2	0.5	DWS	mg/l	0 of 7	0	<0.1	<0.5	0.38		<0.5	<0.1	<0.1	<0.1
Sulphate as SO4	250	DWS	mg/l	7 of 7	0	38	200	185.0		98	79	38	200
Sulphide		-	mg/l	No GAC	-	<0.01	160	133.90		0.018106	73	0.021	30
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	250	400	397.0		390	380	290	250
Biochemical Oxygen Demand		-	mg/l	No GAC	-	1.7	7.7	7.40					
Chemical Oxygen Demand		-	mg/l	No GAC	-	24	34	33.50					
Phenol and mineral oils													
Phenol	0.0077	EQS	mg/l	0 of 1	0	<0.01	<0.01	0.01				<0.01	
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 10	0	<0.1	<0.1	0.1		<0.1	<0.1	<0.1	<0.1
Phenols, Total		-	mg/l	No GAC	-	<0.01	<0.01	0.01				<0.01	
Cresols		-	mg/l	No GAC	-	<0.01	<0.01	0.01				<0.01	
Resorcinol		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001				<0.0001	
Naphthols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001				<0.0001	
TPH													
Aliphatics >C10-12	0.3	WHO	mg/l	0 of 6	0	<0.001	<0.001	0.001			<0.001	<0.001	<0.001
Aliphatics >C12-16	0.3	WHO	mg/l	0 of 6	0	<0.001	<0.001	0.001			<0.001	<0.001	<0.001
Aliphatics >C16-21		-	mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	<0.001
Aliphatics >C21-35		-	mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	<0.001

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH210	GEO_BH210	GEO_BH203	GEO_BH212
										Sample Ref	200			
										Easting	384479.67			
										Northing	399554.7			
										Hole Elevation (mOD)	40.45			
										Sample Depth (mbgl)	10.8			
										Piezometer top (mbgl)	14			
										Piezometer base (mbgl)	19.6			
										Sample Date	10/08/21	27/05/21	26/05/21	01/06/21
										Investigation	NW1604			
										Aquifer	SST	SST	SST	SST
											Red Bank Plateau	Red Bank Plateau	St. Catherines Wood	Red Bank Viaduct
Aliphatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001	<0.001	<0.001
Aliphatics >C5-6	15	WHO	mg/l	0 of 6	0	<0.0001	<0.0001	0.0001				<0.0001	<0.0001	<0.0001
Aliphatics >C6-8	15	WHO	mg/l	0 of 6	0	<0.0001	<0.0001	0.0001				<0.0001	<0.0001	<0.0001
Aliphatics >C8-10	0.3	WHO	mg/l	0 of 6	0	<0.0001	<0.0001	0.0001				<0.0001	<0.0001	<0.0001
Aromatics >C10-12	0.09	WHO	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001	<0.001	<0.001
Aromatics >C12-16	0.09	WHO	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001	<0.001	<0.001
Aromatics >C16-21	0.09	WHO	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001	<0.001	<0.001
Aromatics >C21-35	0.09	WHO	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001	<0.001	<0.001
Aromatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001	<0.001	<0.001
Aromatics >C5-7	0.01	WHO	mg/l	0 of 6	0	<0.0001	<0.0001	0.0001				<0.0001	<0.0001	<0.0001
Aromatics >C7-8	0.7	WHO	mg/l	0 of 6	0	<0.0001	<0.0001	0.0001				<0.0001	<0.0001	<0.0001
Aromatics >C8-10	0.3	WHO	mg/l	0 of 6	0	<0.0001	<0.0001	0.0001				<0.0001	<0.0001	<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001	<0.001	<0.001
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001	<0.001	<0.001
PAH														
Acenaphthene	2	USEPA	mg/l	4 of 6	0	<0.00001	0.0017	0.0013				0.00002	0.0017	0.00011
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001	<0.00001	<0.00001
Fluoranthene	0.000006	EQS	mg/l	3 of 6	3	<0.00001	0.00006	0.00005				**0.00002**	**0.00006**	**0.00001**
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00042	0.00033				0.00001	0.00042	0.00005
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001	<0.00001	<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.00024	0.00019				0.00001	0.00024	0.00003
Pyrene		-	mg/l	No GAC	-	<0.00001	0.00009	0.00007				0.00001	0.00009	0.00001
Napthalene	0.002	EQS	mg/l	2 of 6	1	<0.00005	0.0085	0.00646				<0.00005	**0.0085**	0.00034
Pah,Total		-	mg/l	No GAC	-	<0.0002	0.012	0.00915				<0.0002	0.012	0.0006
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.0004	0.00031				<0.00001	0.0004	0.00004
Anthracene	0.0001	EQS	mg/l	1 of 6	1	<0.00001	0.00012	0.00009				<0.00001	**0.00012**	<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001	<0.00001	0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001	<0.00001	<0.00001
Benzo(a)pyrene	0.000000	EQS	mg/l	0 of 6	0	<0.00001	<0.00001	0.00001				<0.00001	<0.00001	<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001	<0.00001	<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001	<0.00001	<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.00002	0.00002				<0.00001	0.00002	<0.00001
BTEX														
Benzene	0.001	DWS	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001	<0.001	<0.001
Toluene	0.074	EQS	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001	<0.001	<0.001
Ethylbenzene	0.02	EQS*	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001	<0.001	<0.001
Xylene	0.03	EQS*	mg/l	0 of 6	0	<0.001	<0.001	0.001				<0.001	<0.001	<0.001
VOC														
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH210	GEO_BH210	GEO_BH203	GEO_BH212
										Sample Ref	200			
										Easting	384479.67			
										Northing	399554.7			
										Hole Elevation (mOD)	40.45			
										Sample Depth (mbgl)	10.8			
										Piezometer top (mbgl)	14			
										Piezometer base (mbgl)	19.6			
										Sample Date	10/08/21	27/05/21	26/05/21	01/06/21
										Investigation	NW1604			
										Aquifer	SST	SST	SST	SST
											Red Bank Plateau	Red Bank Plateau	St. Catherines Wood	Red Bank Viaduct
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
1,2-Dichlorobenzene	0.02	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
1,2-Dichloroethane	0.003	DWS	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Bromochloromethane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Bromodichloromethane	0.06	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Chloroethene	0.0005	DWS	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Chloroform	0.0025	EQS	mg/l	1 of 1	0	0.001	0.001	0.001					0.001	
Chloromethane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Dibromochloromethane	0.1	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Dibromomethane	0.02	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Dichloromethane	0.02	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Hexachlorobutadiene (HCBD)	0.0006	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Isopropylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Methyl tert-butyl ether (MTBE)	0.015	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Styrene	0.05	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Tetrachloroethene	0.01	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Tetrachloromethane (Carbon Tetra Chlori	0.003	DWS	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Tribromomethane	0.1	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Trichloroethene	0.01	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
cis-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
n-propylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
trans-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
trans-1,3-Dichloropropene	0.02	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
SVOC														
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
2-Chlorophenol	0.05	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH210	GEO_BH210	GEO_BH203	GEO_BH212
										Sample Ref	200			
										Easting	384479.67			
										Northing	399554.7			
										Hole Elevation (mOD)	40.45			
										Sample Depth (mbgl)	10.8			
										Piezometer top (mbgl)	14			
										Piezometer base (mbgl)	19.6			
										Sample Date	10/08/21	27/05/21	26/05/21	01/06/21
										Investigation	NW1604			
										Aquifer	SST	SST	SST	SST
											Red Bank Plateau	Red Bank Plateau	St. Catherines Wood	Red Bank Viaduct
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
2-Methylphenol	0.1	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 1	1	0.0052	0.0052	0.0052					0.0052	
Butylbenzylphthalate	0.0075	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 1	0	0.0015	0.0015	0.0015					0.0015	
Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
Diethylphthalate	0.2	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Dimethylphthalate	0.8	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Hexachlorobenzene (HCB)	0.001	USEPA	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Pentachlorophenol (PCP)	0.0004	EQS	mg/l	0 of 1	0	<0.001	<0.001	0.001					<0.001	
Other														
Iron (Soluble)			mg/l	No GAC	-	0.24	0.24	0.24			0.24			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile							
Hole Ref										01_BH103	01_BH105	GEO_BH202	GEO_BH202	GEO_BH204	GEO_BH204
Sample Ref										1	1	200		200	
Easting										384689.014	384463.735	384723.888		384815.474	
Northing										399695.588	399571.588	399716.141		399703.59	
Hole Elevation (mOD)										42.57	40.666	42.663		43.276	
Sample Depth (mbgl)										0.9	4.52	4.19		2.36	
Piezometer top (mbgl)										1	3	4		1.5	
Piezometer base (mbgl)										3.5	9.5	9		10	
Sample Date										24/01/19	24/01/19	11/08/21	26/05/21	11/08/21	26/05/21
Investigation												NW1604		NW1604	
Aquifer										MG	ALV	TILL	TILL	MG	MG
										Red Bank	Red Bank	Red Bank	Red Bank	STCW	STCW
Metal															
Antimony	0.005	DWS	mg/l	18 of 20	2	<0.00017	0.010497	0.00846		**0.010497**	**0.008356**	<0.00017	0.00091	<0.00017	0.00018
Arsenic	0.01	DWS	mg/l	20 of 20	1	0.00026	0.019811	0.0103		0.002782	0.000566	0.002689	0.0031	0.002991	0.0044
Beryllium	0.004	USEPA	mg/l	1 of 20	0	<0.0001	0.000142	0.0001		0.000142	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Cadmium	0.00008	EQS	mg/l	13 of 20	13	<0.00003	0.001	0.00091		**0.000098**	**0.000126**	<0.00003	<0.0003	<0.00003	<0.0003
Calcium		-	mg/l	No GAC	-	44	220	191.50		110	120	100	44	160	120
Chromium	0.0047	EQS	mg/l	12 of 20	1	<0.00025	0.007823	0.00476		**0.007823**	<0.00025	<0.00025	0.0011	<0.00025	<0.00025
Copper	0.001	EQS	mg/l	14 of 20	11	<0.0004	0.0081	0.00778		**0.003015**	**0.002675**	<0.0004	**0.0074**	<0.0004	<0.0004
Lead	0.0012	EQS	mg/l	17 of 20	3	<0.00009	0.005	0.00205		**0.001893**	0.000204	<0.00009	**0.0014**	<0.00009	0.00046
Magnesium		-	mg/l	No GAC	-	7.5	50	42.650						29	
Manganese			mg/l	No GAC	-	0.011	3.2	2.773		2.7502	0.82475	1.248446	0.011	1.950535	1.8
Mercury	0.001	DWS	mg/l	3 of 20	0	<0.00001	0.00002	0.00002		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Nickel	0.004	EQS	mg/l	19 of 20	7	<0.0005	0.014	0.00682		**0.006447**	0.003437	0.002072	0.0018	<0.0005	0.0018
Potassium		-	mg/l	No GAC	-	5.8	21	19.950						7.2	
Selenium	0.01	DWS	mg/l	13 of 20	2	<0.00025	0.052	0.03308		0.005043	0.00119	<0.00025	0.001	<0.00025	0.00026
Sodium	200	EUDWS	mg/l	8 of 8	0	8.2	120	111.950						8.2	
Vanadium	0.02	EQS*	mg/l	7 of 20	0	<0.0006	0.003487	0.00285		0.003487	0.001072	<0.0006	0.0024	<0.0006	<0.0006
Zinc	0.0123	EQS	mg/l	17 of 19	11	<0.0013	0.16	0.10701		**0.013066**	**0.019094**	<0.0013	**0.16**	<0.0013	0.0086
Iron (Soluble)															
Inorganic															
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	7.5	7.50		7.4	7.3	7.5	7.4	7.5	7.2
Cyanide	0.001	EQS	mg/l	0 of 20	0	<0.04	<0.04	0.04		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Complex Cyanide	0.001	EQS	mg/l	6 of 7	3	0.0005	0.19	0.13564							
Cyanide Free	0.001	EQS	mg/l	0 of 7	0	<0.02	<0.02	0.02							
Thiocyanate	0.001	EQS	mg/l	0 of 7	0	<0.02	<0.02	0.02							
Chloride	250	EQS*/DWS	mg/l	17 of 17	1	5.1	320	115.20		29	29	**320**		15	
Ammoniacal Nitrogen as N	0.3	EQS	mg/l	17 of 17	11	0.05	22	18.80		**3.8**	**1.3**	0.12		**0.36**	
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	24	17.350		17	2.5	7.7	5.2	24	<2
Total hardness		-	mg/l	No GAC	-	123	635	575.150		359	369	501	123	511	412
Nitrate as NO3	50	DWS	mg/l	6 of 8	0	<0.1	45	33.450						0.78	
Nitrite as NO2	0.5	DWS	mg/l	3 of 8	0	<0.1	<0.5	0.5						0.43	
Sulphate as SO4	250	DWS	mg/l	8 of 8	0	30	150	150.0						70	
Sulphide		-	mg/l	No GAC	-	0.01636	45	44.650						0.02502	
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	380	640	626.0						380	
Biochemical Oxygen Demand															
Chemical Oxygen Demand															
Phenol and mineral oils															
Phenol	0.0077	EQS	mg/l	1 of 4	0	<0.0001	0.0027	0.00245							
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 20	0	<0.1	<0.1	0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241							
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001							
Resorcinol															
Naphthols															
TPH															
Aliphatics >C10-12	0.3	WHO	mg/l	0 of 15	0	<0.001	<0.001	0.001		<0.001	<0.001		<0.001		<0.001
Aliphatics >C12-16	0.3	WHO	mg/l	1 of 15	0	<0.001	0.0052	0.00247		<0.001	<0.001		<0.001		0.0052
Aliphatics >C16-21		-	mg/l	No GAC	-	<0.001	0.026	0.01274		<0.001	<0.001		<0.001		0.026
Aliphatics >C21-35		-	mg/l	No GAC	-	<0.001	0.04	0.01465		<0.001	<0.001		<0.001		<0.001
Aliphatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001		<0.001
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.01	<0.01	0.01		<0.01	<0.01				

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	01_BH103	01_BH105	GEO_BH202	GEO_BH202	GEO_BH204	GEO_BH204
										Sample Ref	1	1	200		200	
										Easting	384689.014	384463.735	384723.888		384815.474	
										Northing	399695.588	399571.588	399716.141		399703.59	
										Hole Elevation (mOD)	42.57	40.666	42.663		43.276	
										Sample Depth (mbgl)	0.9	4.52	4.19		2.36	
										Piezometer top (mbgl)	1	3	4		1.5	
										Piezometer base (mbgl)	3.5	9.5	9		10	
										Sample Date	24/01/19	24/01/19	11/08/21	26/05/21	11/08/21	26/05/21
										Investigation			NW1604		NW1604	
										Aquifer	MG	ALV	TILL	TILL	MG	MG
											Red Bank	Red Bank	Red Bank	Red Bank	STCW	STCW
Aliphatics >C5-6	15	WHO	mg/l	1 of 15	0	<0.0001	0.13	0.04557			<0.0001	<0.0001		<0.0001		<0.0001
Aliphatics >C6-8	15	WHO	mg/l	1 of 15	0	<0.0001	0.1	0.03507			<0.0001	<0.0001		<0.0001		<0.0001
Aliphatics >C8-10	0.3	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001		<0.0001		<0.0001
Aromatics >C10-12	0.09	WHO	mg/l	0 of 15	0	<0.001	<0.001	0.001			<0.001	<0.001		<0.001		<0.001
Aromatics >C12-16	0.09	WHO	mg/l	1 of 15	0	<0.001	0.0018	0.00128			<0.001	<0.001		<0.001		<0.001
Aromatics >C16-21	0.09	WHO	mg/l	1 of 15	0	<0.001	0.017	0.0066			<0.001	<0.001		<0.001		<0.001
Aromatics >C21-35	0.09	WHO	mg/l	1 of 15	0	<0.001	0.057	0.0206			<0.001	<0.001		<0.001		<0.001
Aromatics >C35-44		-	mg/l	No GAC	-	<0.001	0.0056	0.00307						<0.001		<0.001
Aromatics >C5-7	0.01	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001		<0.0001		<0.0001
Aromatics >C7-8	0.7	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001		<0.0001		<0.0001
Aromatics >C8-10	0.3	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001		<0.0001		<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.033	0.01711						<0.001		0.033
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.07215						<0.001		0.033
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01			<0.01	<0.01				
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01			<0.01	<0.01				
PAH																
Acenaphthene	2	USEPA	mg/l	7 of 15	0	<0.00001	0.0068	0.00283			0.000409	<0.00001		<0.00001		0.00003
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00539			<0.00001	<0.00001		<0.00001		<0.00001
Fluoranthene	0.000006	EQS	mg/l	8 of 15	8	<0.00001	0.019478	0.01098			0.000058	<0.00001		<0.00001		<0.00001
Fluorene		-	mg/l	No GAC	-	0.000001	0.0028	0.00168			0.000184	<0.00001		<0.00001		0.00002
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.02181			<0.00001	<0.00001		<0.00001		<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.006666	0.00445			0.000167	<0.00001		<0.00001		<0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	0.021859	0.01186			0.000055	<0.00001		<0.00001		<0.00001
Napthalene	0.002	EQS	mg/l	3 of 15	1	<0.00005	0.016	0.0055			0.000808	<0.00005		<0.0005		0.00013
Pah,Total		-	mg/l	No GAC	-	<0.0002	0.359917	0.14807			0.001863	<0.0002		<0.0002		0.00024
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.003	0.0016			0.000011	<0.00001		<0.00001		0.00003
Anthracene	0.0001	EQS	mg/l	6 of 15	4	<0.00001	0.002814	0.00157			0.000111	<0.00001		<0.00001		<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.012339	0.00687			0.000014	<0.00001		<0.00001		<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.02502			<0.00001	<0.00001		<0.00001		<0.00001
Benzo(a)pyrene	0.00000	EQS	mg/l	4 of 15	4	<0.00001	0.049364	0.01924			<0.00001	<0.00001		<0.00001		<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.02239			<0.00001	<0.00001		<0.00001		<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.00789			<0.00001	<0.00001		<0.00001		<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.0075			0.000047	<0.00001		<0.00001		<0.00001
BTEX																
Benzene	0.001	DWS	mg/l	0 of 14	0	<0.001	<0.001	0.001			<0.001	<0.001		<0.001		<0.001
Toluene	0.074	EQS	mg/l	0 of 14	0	<0.001	<0.001	0.001			<0.001	<0.001		<0.001		<0.001
Ethylbenzene	0.02	EQS*	mg/l	0 of 14	0	<0.001	<0.001	0.001			<0.001	<0.001		<0.001		<0.001
O-Xylene	0.03	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001								
Xylene	0.03	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001		<0.001		<0.001
m,p xylenes	0.03	EQS*	mg/l	0 of 1	0	<0.002	<0.002	0.002								
VOC																
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001								

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	01_BH103	01_BH105	GEO_BH202	GEO_BH202	GEO_BH204	GEO_BH204
										Sample Ref	1	1	200		200	
										Easting	384689.014	384463.735	384723.888		384815.474	
										Northing	399695.588	399571.588	399716.141		399703.59	
										Hole Elevation (mOD)	42.57	40.666	42.663		43.276	
										Sample Depth (mbgl)	0.9	4.52	4.19		2.36	
										Piezometer top (mbgl)	1	3	4		1.5	
										Piezometer base (mbgl)	3.5	9.5	9		10	
										Sample Date	24/01/19	24/01/19	11/08/21	26/05/21	11/08/21	26/05/21
										Investigation			NW1604		NW1604	
										Aquifer	MG	ALV	TILL	TILL	MG	MG
											Red Bank	Red Bank	Red Bank	Red Bank	STCW	STCW
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,2-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,2-Dichloroethane	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.002	0.00185								
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.00185								
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bromochloromethane			mg/l	No GAC	-	<0.001	<0.004	0.00355								
Bromodichloromethane	0.06	WHO	mg/l	0 of 4	0	<0.001	<0.004	0.00355								
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Chloroethene	0.0005	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Chloroform	0.0025	EQS	mg/l	1 of 4	0	<0.001	<0.001	0.001								
Chloromethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Dibromochloromethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Dibromomethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Dichloromethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.027	0.0231								
Hexachlorobutadiene (HCBD)	0.0006	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Isopropylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Methyl tert-butyl ether (MTBE)	0.015	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Styrene	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Tetrachloroethene	0.01	EQS	mg/l	1 of 4	0	<0.001	0.002	0.00185								
Tetrachloromethane (Carbon Tetra Chlori	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Tribromomethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Trichloroethene	0.01	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
cis-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
n-propylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
trans-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
trans-1,3-Dichloropropene	0.02	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
SVOC																
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001								
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
2,4-Dimethylphenol	0.1	EQS*	mg/l	1 of 4	0	<0.001	0.0049	0.00432								
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001								

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	01_BH103	01_BH105	GEO_BH202	GEO_BH202	GEO_BH204	GEO_BH204
										Sample Ref	1	1	200		200	
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										Piezometer top (mbgl)	1	3	4		1.5	
										Piezometer base (mbgl)	3.5	9.5	9		10	
										Sample Date	24/01/19	24/01/19	11/08/21	26/05/21	11/08/21	26/05/21
										Investigation			NW1604		NW1604	
										Aquifer	MG	ALV	TILL	TILL	MG	MG
											Red Bank	Red Bank	Red Bank	Red Bank	STCW	STCW
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001								
2-Chlorophenol	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001								
2-Methylphenol	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001								
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	2 of 4	0	<0.001	0.0012	0.00119								
Butylbenzylphthalate	0.0075	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001								
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001								
Diethylphthalate	0.2	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Dimethylphthalate	0.8	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Hexachlorobenzene (HCB)	0.001	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Pentachlorophenol (PCP)	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								
Other																
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001								
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001								
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001								
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001								
3/4 Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001								
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001								
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001								
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001								
Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001								
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001								
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001								
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001								
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.553							0.0066	
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001								
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001								
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001								
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001								
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001								
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001								

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH206	GEO_BH206	GEO_BH208	GEO_BH208	GEO_BH211A	GEO_BH211A	GEO_TP202B
										Sample Ref	200		200		200		3
										Easting	384729.233		384562.98		384441.79		384722.997
										Northing	399690.75		399592.56		399513.96		399751.007
										Hole Elevation (mOD)	42.692		40.66		40.44		42.736
										Sample Depth (mbgl)	2.77		12		7.73		0.45
										Piezometer top (mbgl)	2		3		5		
										Piezometer base (mbgl)	6		13		10.5		
										Sample Date	10/08/21	26/05/21	10/08/21	27/05/21	10/08/21	27/05/21	30/03/21
										Investigation	NW1604		NW1604		NW1604		NW1604
										Aquifer	TILL	TILL	MG	MG	MG	MG	MG
											Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Red Bank
Metal																	
Antimony	0.005	DWS	mg/l	18 of 20	2	<0.00017	0.010497	0.00846			0.000601	0.0004	0.000867	0.00091	0.000411	0.00042	
Arsenic	0.01	DWS	mg/l	20 of 20	1	0.00026	0.019811	0.0103			0.000897	0.00089	0.00481	0.0028	**0.019811**	0.0098	
Beryllium	0.004	USEPA	mg/l	1 of 20	0	<0.0001	0.000142	0.0001			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Cadmium	0.00008	EQS	mg/l	13 of 20	13	<0.00003	0.001	0.00091			**0.000631**	**0.0007**	**0.000232**	**0.0009**	<0.00003	<0.0003	
Calcium		-	mg/l	No GAC	-	44	220	191.50			110	92	99	170	180	220	
Chromium	0.0047	EQS	mg/l	12 of 20	1	<0.00025	0.007823	0.00476			0.000351	<0.00025	0.000603	0.00033	0.000993	0.0011	
Copper	0.001	EQS	mg/l	14 of 20	11	<0.0004	0.0081	0.00778			<0.0004	0.0004	**0.002559**	**0.0034**	<0.0004	**0.0014**	
Lead	0.0012	EQS	mg/l	17 of 20	3	<0.00009	0.005	0.00205			0.000347	0.0001	0.000128	0.00042	0.000903	**0.005**	
Magnesium		-	mg/l	No GAC	-	7.5	50	42.650							26	22	
Manganese			mg/l	No GAC	-	0.011	3.2	2.773			0.854463	1.5	0.390387	0.67	0.421533	0.67	
Mercury	0.001	DWS	mg/l	3 of 20	0	<0.00001	0.00002	0.00002			<0.00001	<0.00001	0.000014	0.00002	<0.00001	<0.00001	
Nickel	0.004	EQS	mg/l	19 of 20	7	<0.0005	0.014	0.00682			0.001963	0.0024	**0.00484**	**0.0053**	0.001076	0.0022	
Potassium		-	mg/l	No GAC	-	5.8	21	19.950							13	9.9	
Selenium	0.01	DWS	mg/l	13 of 20	2	<0.00025	0.052	0.03308			0.000346	0.00042	0.006872	0.0049	<0.00025	<0.00025	
Sodium	200	EUDWS	mg/l	8 of 8	0	8.2	120	111.950							14	13	
Vanadium	0.02	EQS*	mg/l	7 of 20	0	<0.0006	0.003487	0.00285			<0.0006	<0.0006	0.002819	0.0013	<0.0006	<0.0006	
Zinc	0.0123	EQS	mg/l	17 of 19	11	<0.0013	0.16	0.10701			**0.032346**	**0.033**	**0.014094**	**0.037**	0.002366	0.0092	
Iron (Soluble)																0.82	
Inorganic																	
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	7.5	7.50			6.9	7.1	7	7	7.1	7.2	
Cyanide	0.001	EQS	mg/l	0 of 20	0	<0.04	<0.04	0.04			<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
Complex Cyanide	0.001	EQS	mg/l	6 of 7	3	0.0005	0.19	0.13564							**0.008794**	**0.0032**	0.00061
Cyanide Free	0.001	EQS	mg/l	0 of 7	0	<0.02	<0.02	0.02							<0.02	<0.02	<0.02
Thiocyanate	0.001	EQS	mg/l	0 of 7	0	<0.02	<0.02	0.02							<0.02	<0.02	<0.02
Chloride	250	EQS*/DWS	mg/l	17 of 17	1	5.1	320	115.20			5.1		31	23	34	38	
Ammoniacal Nitrogen as N	0.3	EQS	mg/l	17 of 17	11	0.05	22	18.80			0.05		**1.3**	**1**	**5.6**	**2.7**	
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	24	17.350			<2	<2	6.5	4	3.4	2.4	
Total hardness		-	mg/l	No GAC	-	123	635	575.150			355	310	327	532	543	635	
Nitrate as NO3	50	DWS	mg/l	6 of 8	0	<0.1	45	33.450							2.4	<0.1	
Nitrite as NO2	0.5	DWS	mg/l	3 of 8	0	<0.1	<0.5	0.5							<0.5	<0.1	
Sulphate as SO4	250	DWS	mg/l	8 of 8	0	30	150	150.0							130	150	
Sulphide		-	mg/l	No GAC	-	0.01636	45	44.650							0.096618	44	
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	380	640	626.0							600	470	
Biochemical Oxygen Demand																	
Chemical Oxygen Demand																	
Phenol and mineral oils																	
Phenol	0.0077	EQS	mg/l	1 of 4	0	<0.0001	0.0027	0.00245								0.0027	<0.0001
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 20	0	<0.1	<0.1	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241								0.028	<0.002
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001								<0.0001	<0.0001
Resorcinol																0.026	<0.0001
Naphthols																<0.0001	<0.0001
TPH																	
Aliphatics >C10-12	0.3	WHO	mg/l	0 of 15	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001	<0.001
Aliphatics >C12-16	0.3	WHO	mg/l	1 of 15	0	<0.001	0.0052	0.00247				<0.001		<0.001		<0.001	<0.001
Aliphatics >C16-21		-	mg/l	No GAC	-	<0.001	0.026	0.01274				<0.001		<0.001		0.0056	<0.001
Aliphatics >C21-35		-	mg/l	No GAC	-	<0.001	0.04	0.01465				<0.001		<0.001		0.04	<0.001
Aliphatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001		<0.001		<0.001	<0.001
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.01	<0.01	0.01									

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH206	GEO_BH206	GEO_BH208	GEO_BH208	GEO_BH211A	GEO_BH211A	GEO_TP202B
										Sample Ref	200		200		200		3
										Easting	384729.233		384562.98		384441.79		384722.997
										Northing	399690.75		399592.56		399513.96		399751.007
										Hole Elevation (mOD)	42.692		40.66		40.44		42.736
										Sample Depth (mbgl)	2.77		12		7.73		0.45
										Piezometer top (mbgl)	2		3		5		
										Piezometer base (mbgl)	6		13		10.5		
										Sample Date	10/08/21	26/05/21	10/08/21	27/05/21	10/08/21	27/05/21	30/03/21
										Investigation	NW1604		NW1604		NW1604		NW1604
										Aquifer	TILL	TILL	MG	MG	MG	MG	MG
											Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Red Bank
Aliphatics >C5-6	15	WHO	mg/l	1 of 15	0	<0.0001	0.13	0.04557				<0.0001		<0.0001		<0.0001	<0.0001
Aliphatics >C6-8	15	WHO	mg/l	1 of 15	0	<0.0001	0.1	0.03507				<0.0001		<0.0001		<0.0001	<0.0001
Aliphatics >C8-10	0.3	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001		<0.0001	<0.0001
Aromatics >C10-12	0.09	WHO	mg/l	0 of 15	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001	<0.001
Aromatics >C12-16	0.09	WHO	mg/l	1 of 15	0	<0.001	0.0018	0.00128				<0.001		<0.001		0.0018	<0.001
Aromatics >C16-21	0.09	WHO	mg/l	1 of 15	0	<0.001	0.017	0.0066				<0.001		<0.001		0.017	<0.001
Aromatics >C21-35	0.09	WHO	mg/l	1 of 15	0	<0.001	0.057	0.0206				<0.001		<0.001		0.057	<0.001
Aromatics >C35-44		-	mg/l	No GAC	-	<0.001	0.0056	0.00307				<0.001		<0.001		0.0056	<0.001
Aromatics >C5-7	0.01	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001		<0.0001	<0.0001
Aromatics >C7-8	0.7	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001		<0.0001	<0.0001
Aromatics >C8-10	0.3	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001		<0.0001	<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.033	0.01711				<0.001		<0.001		0.0041	<0.001
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.07215				<0.001		<0.001		0.12	<0.001
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01									
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01									
PAH																	
Acenaphthene	2	USEPA	mg/l	7 of 15	0	<0.00001	0.0068	0.00283				<0.00001		<0.00001		0.00003	0.001126
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00539				<0.00001		<0.00001		<0.00001	0.015089
Fluoranthene	0.000006	EQS	mg/l	8 of 15	8	<0.00001	0.019478	0.01098				<0.00001		**0.00003**		**0.00001**	**0.019478**
Fluorene		-	mg/l	No GAC	-	0.000001	0.0028	0.00168				0.00001		<0.00001		0.00003	0.001201
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.02181				<0.00001		0.00004		<0.00001	0.064903
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.006666	0.00445				<0.00001		<0.00001		0.00003	0.006666
Pyrene		-	mg/l	No GAC	-	<0.00001	0.021859	0.01186				<0.00001		0.00005		<0.00001	0.021859
Napthalene	0.002	EQS	mg/l	3 of 15	1	<0.00005	0.016	0.0055				<0.00005		<0.00005		<0.00005	<0.00005
Pah,Total		-	mg/l	No GAC	-	<0.0002	0.359917	0.14807				<0.0002		0.00038		0.00021	0.359917
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.003	0.0016				0.00002		<0.00001		0.00003	<0.00001
Anthracene	0.0001	EQS	mg/l	6 of 15	4	<0.00001	0.002814	0.00157				<0.00001		<0.00001		<0.00001	**0.002814**
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.012339	0.00687				<0.00001		0.00003		<0.00001	0.012339
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.02502				<0.00001		0.00005		<0.00001	0.073465
Benzo(a)pyrene	0.00000	EQS	mg/l	4 of 15	4	<0.00001	0.049364	0.01924				<0.00001		**0.00005**		<0.00001	**0.049364**
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.02239				<0.00001		0.00005		<0.00001	0.054044
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.00789				<0.00001		0.00003		<0.00001	0.021665
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.0075				<0.00001		0.00004		<0.00001	0.015904
BTEX																	
Benzene	0.001	DWS	mg/l	0 of 14	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001	<0.001
Toluene	0.074	EQS	mg/l	0 of 14	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001	<0.001
Ethylbenzene	0.02	EQS*	mg/l	0 of 14	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001	<0.001
O-Xylene	0.03	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001									
Xylene	0.03	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001				<0.001		<0.001		<0.001	<0.001
m,p xylenes	0.03	EQS*	mg/l	0 of 1	0	<0.002	<0.002	0.002									
VOC																	
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH206	GEO_BH206	GEO_BH208	GEO_BH208	GEO_BH211A	GEO_BH211A	GEO_TP202B
										Sample Ref	200		200		200		3
										Easting	384729.233		384562.98		384441.79		384722.997
										Northing	399690.75		399592.56		399513.96		399751.007
										Hole Elevation (mOD)	42.692		40.66		40.44		42.736
										Sample Depth (mbgl)	2.77		12		7.73		0.45
										Piezometer top (mbgl)	2		3		5		
										Piezometer base (mbgl)	6		13		10.5		
										Sample Date	10/08/21	26/05/21	10/08/21	27/05/21	10/08/21	27/05/21	30/03/21
										Investigation	NW1604		NW1604		NW1604		NW1604
										Aquifer	TILL	TILL	MG	MG	MG	MG	MG
											Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Red Bank
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
1,2-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
1,2-Dichloroethane	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.002	0.00185								<0.001	
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.00185								<0.001	
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Bromochloromethane			mg/l	No GAC	-	<0.001	<0.004	0.00355								<0.001	
Bromodichloromethane	0.06	WHO	mg/l	0 of 4	0	<0.001	<0.004	0.00355								<0.001	
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Chloroethene	0.0005	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Chloroform	0.0025	EQS	mg/l	1 of 4	0	<0.001	<0.001	0.001								<0.001	
Chloromethane			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Dibromochloromethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Dibromomethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Dichloromethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.027	0.0231								<0.001	
Hexachlorobutadiene (HCBD)	0.0006	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Isopropylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Methyl tert-butyl ether (MTBE)	0.015	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Styrene	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Tetrachloroethene	0.01	EQS	mg/l	1 of 4	0	<0.001	0.002	0.00185								0.002	
Tetrachloromethane (Carbon Tetra Chlor	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Tribromomethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Trichloroethene	0.01	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
cis-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
n-propylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
trans-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
trans-1,3-Dichloropropene	0.02	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
SVOC																	
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
2,4-Dimethylphenol	0.1	EQS*	mg/l	1 of 4	0	<0.001	0.0049	0.00432								<0.001	
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH206	GEO_BH206	GEO_BH208	GEO_BH208	GEO_BH211A	GEO_BH211A	GEO_TP202B
										Sample Ref	200		200		200		3
										Easting	384729.233		384562.98		384441.79		384722.997
										Northing	399690.75		399592.56		399513.96		399751.007
										Hole Elevation (mOD)	42.692		40.66		40.44		42.736
										Sample Depth (mbgl)	2.77		12		7.73		0.45
										Piezometer top (mbgl)	2		3		5		
										Piezometer base (mbgl)	6		13		10.5		
										Sample Date	10/08/21	26/05/21	10/08/21	27/05/21	10/08/21	27/05/21	30/03/21
										Investigation	NW1604		NW1604		NW1604		NW1604
										Aquifer	TILL	TILL	MG	MG	MG	MG	MG
											Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Red Bank
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
2-Chlorophenol	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
2-Methylphenol	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	2 of 4	0	<0.001	0.0012	0.00119								0.0012	
Butylbenzylphthalate	0.0075	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001								<0.001	
Diethylphthalate	0.2	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Dimethylphthalate	0.8	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Hexachlorobenzene (HCB)	0.001	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Pentachlorophenol (PCP)	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001								<0.001	
Other																	
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001									
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001									
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001									
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001									
3/4 Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001									
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001									
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001									
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001									<0.001
Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001									
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001									
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001									
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001									
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001									
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001									
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.553							3		
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001									
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001									
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001									<0.0001
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001									
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001									<0.0001
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001									<0.0001
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001									<0.0001
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001									

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_TP202C	GEO_WS201B	GEO_WS201B	GEO_WS207	GEO_WS207	GEO_BH207	GEO_BH214A
										Sample Ref	8	200		200			
										Easting	384712.277	384735.29		384628.92			
										Northing	399739.124	399787.2		399674.79			
										Hole Elevation (mOD)	42.618	43.55		41.91			
										Sample Depth (mbgl)	1	0.79		0.27			
										Piezometer top (mbgl)		0.5		0.9			
										Piezometer base (mbgl)		1.3		4.9			
										Sample Date	30/03/21	11/08/21	26/05/21	10/08/21	26/05/21	26/05/21	01/06/21
										Investigation	NW1604	NW1604		NW1604			
										Aquifer	MG	MG	MG	MG	MG	MG	TILL
											Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Viaduct
Metal																	
Antimony	0.005	DWS	mg/l	18 of 20	2	<0.00017	0.010497	0.00846				0.002071	0.0005	0.000637	0.00056	0.00043	0.001
Arsenic	0.01	DWS	mg/l	20 of 20	1	0.00026	0.019811	0.0103				0.00179	0.0006	0.000716	0.00066	0.0024	0.0017
Beryllium	0.004	USEPA	mg/l	1 of 20	0	<0.0001	0.000142	0.0001				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Cadmium	0.00008	EQS	mg/l	13 of 20	13	<0.00003	0.001	0.00091				**0.000853**	**0.00067**	**0.000627**	**0.001**	**0.0002**	**0.00024**
Calcium		-	mg/l	No GAC	-	44	220	191.50				110	180	190	170	110	100
Chromium	0.0047	EQS	mg/l	12 of 20	1	<0.00025	0.007823	0.00476				<0.00025	0.00034	0.000346	0.00037	0.0003	<0.00025
Copper	0.001	EQS	mg/l	14 of 20	11	<0.0004	0.0081	0.00778				**0.007221**	**0.0081**	**0.007768**	**0.0069**	0.0004	**0.0048**
Lead	0.0012	EQS	mg/l	17 of 20	3	<0.00009	0.005	0.00205				0.000124	0.00042	0.000322	0.00076	0.00027	0.00076
Magnesium		-	mg/l	No GAC	-	7.5	50	42.650				9.9	25	24		50	
Manganese			mg/l	No GAC	-	0.011	3.2	2.773				0.631057	0.15	0.167887	0.34	1.7	0.57
Mercury	0.001	DWS	mg/l	3 of 20	0	<0.00001	0.00002	0.00002				<0.00001	<0.00001	<0.00001	<0.00001	0.00002	<0.00001
Nickel	0.004	EQS	mg/l	19 of 20	7	<0.0005	0.014	0.00682				0.002177	**0.0053**	**0.004524**	**0.0054**	**0.014**	0.0028
Potassium		-	mg/l	No GAC	-	5.8	21	19.950				9.2	18	21		5.8	
Selenium	0.01	DWS	mg/l	13 of 20	2	<0.00025	0.052	0.03308				**0.032081**	<0.00025	<0.00025	<0.00025	0.0013	**0.052**
Sodium	200	EUDWS	mg/l	8 of 8	0	8.2	120	111.950				120	29	28		97	
Vanadium	0.02	EQS*	mg/l	7 of 20	0	<0.0006	0.003487	0.00285				0.002288	<0.0006	<0.0006	<0.0006	<0.0006	0.0014
Zinc	0.0123	EQS	mg/l	17 of 19	11	<0.0013	0.16	0.10701				**0.056632**		**0.101119**	**0.093**	**0.077**	0.011
Iron (Soluble)													0.015			0.0041	
Inorganic																	
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	7.5	7.50				7.5	7.3	7.1	7.1	7.1	7.5
Cyanide	0.001	EQS	mg/l	0 of 20	0	<0.04	<0.04	0.04				<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Complex Cyanide	0.001	EQS	mg/l	6 of 7	3	0.0005	0.19	0.13564			0.00065					<0.001	0.0005
Cyanide Free	0.001	EQS	mg/l	0 of 7	0	<0.02	<0.02	0.02			<0.02					<0.02	<0.02
Thiocyanate	0.001	EQS	mg/l	0 of 7	0	<0.02	<0.02	0.02			<0.02					<0.02	<0.02
Chloride	250	EQS*/DWS	mg/l	17 of 17	1	5.1	320	115.20				5.6	32	27	33	64	24
Ammoniacal Nitrogen as N	0.3	EQS	mg/l	17 of 17	11	0.05	22	18.80				0.088	**22**	**16**	**18**	0.077	**0.34**
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	24	17.350				4.7	3.3	3.9	2.8	<2	2.2
Total hardness		-	mg/l	No GAC	-	123	635	575.150				312	553	572	532	476	283
Nitrate as NO3	50	DWS	mg/l	6 of 8	0	<0.1	45	33.450				0.18	45	12		0.57	
Nitrite as NO2	0.5	DWS	mg/l	3 of 8	0	<0.1	<0.5	0.5				<0.1	0.32	<0.5		<0.1	
Sulphate as SO4	250	DWS	mg/l	8 of 8	0	30	150	150.0				150	34	30		150	
Sulphide		-	mg/l	No GAC	-	0.01636	45	44.650				0.01636	19	0.212521		26	
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	380	640	626.0				380	600	640		450	
Biochemical Oxygen Demand													1.9				
Chemical Oxygen Demand													<10				
Phenol and mineral oils																	
Phenol	0.0077	EQS	mg/l	1 of 4	0	<0.0001	0.0027	0.00245			<0.001					<0.0001	
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 20	0	<0.1	<0.1	0.1				<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241								<0.0001	
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001								<0.0001	
Resorcinol																<0.0001	
Naphthols																<0.0001	
TPH																	
Aliphatics >C10-12	0.3	WHO	mg/l	0 of 15	0	<0.001	<0.001	0.001			<0.001		<0.001		<0.001	<0.001	<0.001
Aliphatics >C12-16	0.3	WHO	mg/l	1 of 15	0	<0.001	0.0052	0.00247			<0.001		<0.001		<0.001	<0.001	<0.001
Aliphatics >C16-21		-	mg/l	No GAC	-	<0.001	0.026	0.01274			<0.001		<0.001		<0.001	<0.001	<0.001
Aliphatics >C21-35		-	mg/l	No GAC	-	<0.001	0.04	0.01465			<0.001		<0.001		<0.001	<0.001	<0.001
Aliphatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001		<0.001	<0.001	<0.001
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.01	<0.01	0.01									

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_TP202C	GEO_WS201B	GEO_WS201B	GEO_WS207	GEO_WS207	GEO_BH207	GEO_BH214A
										Sample Ref	8	200		200			
										Easting	384712.277	384735.29		384628.92			
										Northing	399739.124	399787.2		399674.79			
										Hole Elevation (mOD)	42.618	43.55		41.91			
										Sample Depth (mbgl)	1	0.79		0.27			
										Piezometer top (mbgl)		0.5		0.9			
										Piezometer base (mbgl)		1.3		4.9			
										Sample Date	30/03/21	11/08/21	26/05/21	10/08/21	26/05/21	26/05/21	01/06/21
										Investigation	NW1604	NW1604		NW1604			
										Aquifer	MG	MG	MG	MG	MG	MG	TILL
											Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Viaduct
Aliphatics >C5-6	15	WHO	mg/l	1 of 15	0	<0.0001	0.13	0.04557			<0.0001		<0.0001		<0.0001	<0.0001	0.13
Aliphatics >C6-8	15	WHO	mg/l	1 of 15	0	<0.0001	0.1	0.03507			<0.0001		<0.0001		<0.0001	<0.0001	0.1
Aliphatics >C8-10	0.3	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001			<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
Aromatics >C10-12	0.09	WHO	mg/l	0 of 15	0	<0.001	<0.001	0.001			<0.001		<0.001		<0.001	<0.001	<0.001
Aromatics >C12-16	0.09	WHO	mg/l	1 of 15	0	<0.001	0.0018	0.00128			<0.001		<0.001		<0.001	<0.001	<0.001
Aromatics >C16-21	0.09	WHO	mg/l	1 of 15	0	<0.001	0.017	0.0066			<0.001		<0.001		<0.001	<0.001	<0.001
Aromatics >C21-35	0.09	WHO	mg/l	1 of 15	0	<0.001	0.057	0.0206			<0.001		<0.001		<0.001	<0.001	<0.001
Aromatics >C35-44		-	mg/l	No GAC	-	<0.001	0.0056	0.00307			<0.001		<0.001		<0.001	<0.001	<0.001
Aromatics >C5-7	0.01	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001			<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
Aromatics >C7-8	0.7	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001			<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
Aromatics >C8-10	0.3	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001			<0.0001		<0.0001		<0.0001	<0.0001	<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.033	0.01711			<0.001		<0.001		<0.001	<0.001	<0.001
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.07215			<0.001		<0.001		<0.001	<0.001	<0.001
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01									
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01									
PAH																	
Acenaphthene	2	USEPA	mg/l	7 of 15	0	<0.00001	0.0068	0.00283			<0.001		0.00001		<0.00001	0.00001	<0.00001
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00539			0.00123		<0.00001		<0.00001	<0.00001	<0.00001
Fluoranthene	0.000006	EQS	mg/l	8 of 15	8	<0.00001	0.019478	0.01098			**0.00734**		**0.00002**		<0.00001	<0.00001	<0.00001
Fluorene		-	mg/l	No GAC	-	0.000001	0.0028	0.00168			<0.001		<0.00001		<0.00001	0.000001	<0.00001
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.02181			0.00334		<0.00001		<0.00001	<0.00001	<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.006666	0.00445			0.00272		0.00001		<0.00001	<0.00001	<0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	0.021859	0.01186			0.00757		<0.00001		<0.00001	<0.00001	<0.00001
Napthalene	0.002	EQS	mg/l	3 of 15	1	<0.00005	0.016	0.0055			<0.001		<0.00005		<0.00005	<0.00005	<0.00005
Pah,Total		-	mg/l	No GAC	-	<0.0002	0.359917	0.14807					<0.002		<0.002	<0.0002	<0.002
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.003	0.0016			<0.001		<0.00001		<0.00001	<0.00001	<0.00001
Anthracene	0.0001	EQS	mg/l	6 of 15	4	<0.00001	0.002814	0.00157			**0.00103**		0.00002		0.00002	<0.00001	<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.012339	0.00687			0.00452		<0.00001		<0.00001	<0.00001	0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.02502			0.00426		<0.00001		<0.00001	<0.00001	<0.00001
Benzo(a)pyrene	0.00000	EQS	mg/l	4 of 15	4	<0.00001	0.049364	0.01924			**0.00633**		<0.00001		<0.00001	<0.00001	<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.02239			0.00882		<0.00001		<0.00001	<0.00001	<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.00789			0.00198		<0.00001		<0.00001	<0.00001	<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.0075			0.0039		<0.00001		<0.00001	<0.00001	<0.00001
BTEX																	
Benzene	0.001	DWS	mg/l	0 of 14	0	<0.001	<0.001	0.001			<0.001		<0.001		<0.001	<0.001	<0.001
Toluene	0.074	EQS	mg/l	0 of 14	0	<0.001	<0.001	0.001			<0.001		<0.001		<0.001	<0.001	<0.001
Ethylbenzene	0.02	EQS*	mg/l	0 of 14	0	<0.001	<0.001	0.001			<0.001		<0.001		<0.001	<0.001	<0.001
O-Xylene	0.03	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001			<0.001						
Xylene	0.03	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001					<0.001		<0.001	<0.001	<0.001
m,p xylenes	0.03	EQS*	mg/l	0 of 1	0	<0.002	<0.002	0.002			<0.002						
VOC																	
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_TP202C	GEO_WS201B	GEO_WS201B	GEO_WS207	GEO_WS207	GEO_BH207	GEO_BH214A
										Sample Ref	8	200		200			
										Easting	384712.277	384735.29		384628.92			
										Northing	399739.124	399787.2		399674.79			
										Hole Elevation (mOD)	42.618	43.55		41.91			
										Sample Depth (mbgl)	1	0.79		0.27			
										Piezometer top (mbgl)		0.5		0.9			
										Piezometer base (mbgl)		1.3		4.9			
										Sample Date	30/03/21	11/08/21	26/05/21	10/08/21	26/05/21	26/05/21	01/06/21
										Investigation	NW1604	NW1604		NW1604			
										Aquifer	MG	MG	MG	MG	MG	MG	TILL
											Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Viaduct
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
1,2-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
1,2-Dichloroethane	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.002	0.00185			<0.002					<0.001	
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.00185			<0.002					<0.001	
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Bromochloromethane			mg/l	No GAC	-	<0.001	<0.004	0.00355			<0.004					<0.001	
Bromodichloromethane	0.06	WHO	mg/l	0 of 4	0	<0.001	<0.004	0.00355			<0.004					<0.001	
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Chloroethene	0.0005	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Chloroform	0.0025	EQS	mg/l	1 of 4	0	<0.001	<0.001	0.001			<0.001					0.001	
Chloromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Dibromochloromethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Dibromomethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Dichloromethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.027	0.0231			<0.027					<0.001	
Hexachlorobutadiene (HCBD)	0.0006	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Isopropylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Methyl tert-butyl ether (MTBE)	0.015	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Styrene	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Tetrachloroethene	0.01	EQS	mg/l	1 of 4	0	<0.001	0.002	0.00185			<0.001					<0.001	
Tetrachloromethane (Carbon Tetra Chlor	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Tribromomethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Trichloroethene	0.01	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
cis-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
n-propylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
trans-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
trans-1,3-Dichloropropene	0.02	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
SVOC																	
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
2,4-Dimethylphenol	0.1	EQS*	mg/l	1 of 4	0	<0.001	0.0049	0.00432			<0.001					<0.001	
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_TP202C	GEO_WS201B	GEO_WS201B	GEO_WS207	GEO_WS207	GEO_BH207	GEO_BH214A
										Sample Ref	8	200		200			
										Easting	384712.277	384735.29		384628.92			
										Northing	399739.124	399787.2		399674.79			
										Hole Elevation (mOD)	42.618	43.55		41.91			
										Sample Depth (mbgl)	1	0.79		0.27			
										Piezometer top (mbgl)		0.5		0.9			
										Piezometer base (mbgl)		1.3		4.9			
										Sample Date	30/03/21	11/08/21	26/05/21	10/08/21	26/05/21	26/05/21	01/06/21
										Investigation	NW1604	NW1604		NW1604			
										Aquifer	MG	MG	MG	MG	MG	MG	TILL
											Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Red Bank	Viaduct
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
2-Chlorophenol	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
2-Methylphenol	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	2 of 4	0	<0.001	0.0012	0.00119			<0.001					<0.001	
Butylbenzylphthalate	0.0075	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001					<0.001	
Diethylphthalate	0.2	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Dimethylphthalate	0.8	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Hexachlorobenzene (HCB)	0.001	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Pentachlorophenol (PCP)	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001					<0.001	
Other																	
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
3/4 Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.553				0.009		0.021			
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001									
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001									
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001									
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001									
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_WS208	GEO_WS210
										Sample Ref		
										Easting		
										Northing		
										Hole Elevation (mOD)		
										Sample Depth (mbgl)		
										Piezometer top (mbgl)		
										Piezometer base (mbgl)		
										Sample Date	01/06/21	01/06/21
										Investigation		
										Aquifer	MG	MG
											Gasholder	Red Bank
Metal												
Antimony	0.005	DWS	mg/l	18 of 20	2	<0.00017	0.010497	0.00846			0.00019	0.00025
Arsenic	0.01	DWS	mg/l	20 of 20	1	0.00026	0.019811	0.0103			0.0075	0.00026
Beryllium	0.004	USEPA	mg/l	1 of 20	0	<0.0001	0.000142	0.0001			<0.0001	<0.0001
Cadmium	0.00008	EQS	mg/l	13 of 20	13	<0.00003	0.001	0.00091			<0.00003	**0.0001**
Calcium		-	mg/l	No GAC	-	44	220	191.50			170	82
Chromium	0.0047	EQS	mg/l	12 of 20	1	<0.00025	0.007823	0.00476			<0.00025	0.0046
Copper	0.001	EQS	mg/l	14 of 20	11	<0.0004	0.0081	0.00778			<0.0004	0.0008
Lead	0.0012	EQS	mg/l	17 of 20	3	<0.00009	0.005	0.00205			0.0006	<0.00009
Magnesium		-	mg/l	No GAC	-	7.5	50	42.650			7.5	
Manganese			mg/l	No GAC	-	0.011	3.2	2.773			3.2	0.049
Mercury	0.001	DWS	mg/l	3 of 20	0	<0.00001	0.00002	0.00002			<0.00001	<0.00001
Nickel	0.004	EQS	mg/l	19 of 20	7	<0.0005	0.014	0.00682			0.0016	0.0023
Potassium		-	mg/l	No GAC	-	5.8	21	19.950			8.1	
Selenium	0.01	DWS	mg/l	13 of 20	2	<0.00025	0.052	0.03308			0.00073	0.0016
Sodium	200	EUDWS	mg/l	8 of 8	0	8.2	120	111.950			24	
Vanadium	0.02	EQS*	mg/l	7 of 20	0	<0.0006	0.003487	0.00285			<0.0006	<0.0006
Zinc	0.0123	EQS	mg/l	17 of 19	11	<0.0013	0.16	0.10701			0.0022	0.0063
Iron (Soluble)											4.1	
Inorganic												
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	7.5	7.50			7.3	6.5
Cyanide	0.001	EQS	mg/l	0 of 20	0	<0.04	<0.04	0.04			<0.04	<0.04
Complex Cyanide	0.001	EQS	mg/l	6 of 7	3	0.0005	0.19	0.13564			**0.19**	
Cyanide Free	0.001	EQS	mg/l	0 of 7	0	<0.02	<0.02	0.02			<0.02	
Thiocyanate	0.001	EQS	mg/l	0 of 7	0	<0.02	<0.02	0.02			<0.02	
Chloride	250	EQS*/DWS	mg/l	17 of 17	1	5.1	320	115.20			13	21
Ammoniacal Nitrogen as N	0.3	EQS	mg/l	17 of 17	11	0.05	22	18.80			0.07	0.12
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	24	17.350			3.8	3.3
Total hardness		-	mg/l	No GAC	-	123	635	575.150			456	280
Nitrate as NO3	50	DWS	mg/l	6 of 8	0	<0.1	45	33.450			<0.1	
Nitrite as NO2	0.5	DWS	mg/l	3 of 8	0	<0.1	<0.5	0.5			0.43	
Sulphate as SO4	250	DWS	mg/l	8 of 8	0	30	150	150.0			55	
Sulphide		-	mg/l	No GAC	-	0.01636	45	44.650			45	
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	380	640	626.0			420	
Biochemical Oxygen Demand												
Chemical Oxygen Demand												
Phenol and mineral oils												
Phenol	0.0077	EQS	mg/l	1 of 4	0	<0.0001	0.0027	0.00245				
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 20	0	<0.1	<0.1	0.1			<0.1	<0.1
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241			<0.0001	
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001			<0.0001	
Resorcinol											<0.0001	
Naphthols											<0.0001	
TPH												
Aliphatics >C10-12	0.3	WHO	mg/l	0 of 15	0	<0.001	<0.001	0.001			<0.001	Insuff. Sample
Aliphatics >C12-16	0.3	WHO	mg/l	1 of 15	0	<0.001	0.0052	0.00247			<0.001	Insuff. Sample
Aliphatics >C16-21		-	mg/l	No GAC	-	<0.001	0.026	0.01274			<0.001	Insuff. Sample
Aliphatics >C21-35		-	mg/l	No GAC	-	<0.001	0.04	0.01465			<0.001	Insuff. Sample
Aliphatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	Insuff. Sample
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.01	<0.01	0.01				

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_WS208	GEO_WS210
										Sample Ref		
										Easting		
										Northing		
										Hole Elevation (mOD)		
										Sample Depth (mbgl)		
										Piezometer top (mbgl)		
										Piezometer base (mbgl)		
										Sample Date	01/06/21	01/06/21
										Investigation		
										Aquifer	MG	MG
											Gasholder	Red Bank
Aliphatics >C5-6	15	WHO	mg/l	1 of 15	0	<0.0001	0.13	0.04557			<0.0001	Insuff. Sample
Aliphatics >C6-8	15	WHO	mg/l	1 of 15	0	<0.0001	0.1	0.03507			<0.0001	Insuff. Sample
Aliphatics >C8-10	0.3	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001			<0.0001	Insuff. Sample
Aromatics >C10-12	0.09	WHO	mg/l	0 of 15	0	<0.001	<0.001	0.001			<0.001	Insuff. Sample
Aromatics >C12-16	0.09	WHO	mg/l	1 of 15	0	<0.001	0.0018	0.00128			<0.001	Insuff. Sample
Aromatics >C16-21	0.09	WHO	mg/l	1 of 15	0	<0.001	0.017	0.0066			<0.001	Insuff. Sample
Aromatics >C21-35	0.09	WHO	mg/l	1 of 15	0	<0.001	0.057	0.0206			<0.001	Insuff. Sample
Aromatics >C35-44		-	mg/l	No GAC	-	<0.001	0.0056	0.00307			<0.001	Insuff. Sample
Aromatics >C5-7	0.01	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001			<0.0001	Insuff. Sample
Aromatics >C7-8	0.7	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001			<0.0001	Insuff. Sample
Aromatics >C8-10	0.3	WHO	mg/l	0 of 15	0	<0.0001	<0.0001	0.0001			<0.0001	Insuff. Sample
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.033	0.01711			<0.001	Insuff. Sample
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.07215			<0.001	Insuff. Sample
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01				
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01				
PAH												
Acenaphthene	2	USEPA	mg/l	7 of 15	0	<0.00001	0.0068	0.00283			0.0068	<0.00001
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00539			<0.00001	<0.00001
Fluoranthene	0.000006	EQS	mg/l	8 of 15	8	<0.00001	0.019478	0.01098			**0.00084**	**0.00038**
Fluorene		-	mg/l	No GAC	-	0.000001	0.0028	0.00168			0.0028	<0.00001
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.02181			<0.00001	<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.006666	0.00445			0.0035	0.0003
Pyrene		-	mg/l	No GAC	-	<0.00001	0.021859	0.01186			0.00057	0.00083
Napthalene	0.002	EQS	mg/l	3 of 15	1	<0.00005	0.016	0.0055			**0.016**	<0.00005
Pah,Total		-	mg/l	No GAC	-	<0.0002	0.359917	0.14807			0.034	<0.002
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.003	0.0016			0.003	<0.00001
Anthracene	0.0001	EQS	mg/l	6 of 15	4	<0.00001	0.002814	0.00157			**0.00056**	<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.012339	0.00687			0.00006	<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.02502			<0.00001	<0.00001
Benzo(a)pyrene	0.00000	EQS	mg/l	4 of 15	4	<0.00001	0.049364	0.01924			**0.00001**	<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.02239			0.00002	<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.00789			<0.00001	<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.0075			0.00004	<0.00001
BTEX												
Benzene	0.001	DWS	mg/l	0 of 14	0	<0.001	<0.001	0.001			<0.001	
Toluene	0.074	EQS	mg/l	0 of 14	0	<0.001	<0.001	0.001			<0.001	
Ethylbenzene	0.02	EQS*	mg/l	0 of 14	0	<0.001	<0.001	0.001			<0.001	
O-Xylene	0.03	EQS*	mg/l	0 of 1	0	<0.001	<0.001	0.001				
Xylene	0.03	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	
m,p xylenes	0.03	EQS*	mg/l	0 of 1	0	<0.002	<0.002	0.002				
VOC												
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_WS208	GEO_WS210
										Sample Ref		
										Easting		
										Northing		
										Hole Elevation (mOD)		
										Sample Depth (mbgl)		
										Piezometer top (mbgl)		
										Piezometer base (mbgl)		
										Sample Date	01/06/21	01/06/21
										Investigation		
										Aquifer	MG	MG
											Gasholder	Red Bank
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
1,2-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
1,2-Dichloroethane	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.002	0.00185			<0.001	
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.00185			<0.001	
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Bromochloromethane			mg/l	No GAC	-	<0.001	<0.004	0.00355			<0.001	
Bromodichloromethane	0.06	WHO	mg/l	0 of 4	0	<0.001	<0.004	0.00355			<0.001	
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Chloroethene	0.0005	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Chloroform	0.0025	EQS	mg/l	1 of 4	0	<0.001	<0.001	0.001			<0.001	
Chloromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Dibromochloromethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Dibromomethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Dichloromethane	0.02	EQS	mg/l	0 of 4	0	<0.001	<0.027	0.0231			<0.001	
Hexachlorobutadiene (HCBD)	0.0006	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Isopropylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Methyl tert-butyl ether (MTBE)	0.015	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Styrene	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Tetrachloroethene	0.01	EQS	mg/l	1 of 4	0	<0.001	0.002	0.00185			<0.001	
Tetrachloromethane (Carbon Tetra Chlor	0.003	DWS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Tribromomethane	0.1	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Trichloroethene	0.01	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
cis-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
n-propylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
trans-1,2-Dichloroethene	0.05	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
trans-1,3-Dichloropropene	0.02	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
SVOC												
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
2,4-Dimethylphenol	0.1	EQS*	mg/l	1 of 4	0	<0.001	0.0049	0.00432			0.0049	
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_WS208	GEO_WS210
										Sample Ref		
										Easting		
										Northing		
										Hole Elevation (mOD)		
										Sample Depth (mbgl)		
										Piezometer top (mbgl)		
										Piezometer base (mbgl)		
										Sample Date	01/06/21	01/06/21
										Investigation		
										Aquifer	MG	MG
											Gasholder	Red Bank
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
2-Chlorophenol	0.05	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
2-Methylphenol	0.1	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	2 of 4	0	<0.001	0.0012	0.00119			0.0011	
Butylbenzylphthalate	0.0075	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Diethylphthalate	0.2	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Dimethylphthalate	0.8	EQS*	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Hexachlorobenzene (HCB)	0.001	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Pentachlorophenol (PCP)	0.0004	EQS	mg/l	0 of 4	0	<0.001	<0.001	0.001			<0.001	
Other												
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001				
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001				
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001				
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001				
3/4 Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001				
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001				
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001				
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001				
Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001				
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001				
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001				
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001				
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001				
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001				
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.553				
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001				
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001				
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001				
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001				

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	SW1	SW2
										Sample Ref		
										Easting		
										Northing		
										Hole Elevation (mOD)		
										Sample Depth (mbgl)		
										Piezometer top (mbgl)		
										Piezometer base (mbgl)		
										Sample Date	27/05/21	27/05/21
										Investigation		
										Aquifer	RIVER	RIVER
											Upstream	Downstream
Metal												
Antimony	0.005	DWS	mg/l	2 of 2	0	0.0012	0.0012	0.0012			0.0012	0.0012
Arsenic	0.01	DWS	mg/l	2 of 2	0	0.0026	0.0026	0.0026			0.0026	0.0026
Beryllium	0.004	USEPA	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001
Cadmium	0.00008	EQS	mg/l	2 of 2	0	0.00007	0.00008	0.00008			0.00008	0.00007
Calcium		-	mg/l	No GAC	-	51	52	51.950			51	52
Chromium	0.0047	EQS	mg/l	2 of 2	0	0.00042	0.00049	0.00049			0.00042	0.00049
Copper	0.001	EQS	mg/l	2 of 2	2	0.0039	0.004	0.004			**0.0039**	**0.004**
Lead	0.0012	EQS	mg/l	2 of 2	0	0.00082	0.0011	0.00109			0.00082	0.0011
Magnesium		-	mg/l	No GAC	-	7.2	7.3	7.295			7.3	7.2
Manganese			mg/l	No GAC	-	0.0099	0.011	0.01095			0.0099	0.011
Mercury	0.001	DWS	mg/l	0 of 2	0	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
Nickel	0.004	EQS	mg/l	2 of 2	2	0.0041	0.0041	0.0041			**0.0041**	**0.0041**
Potassium		-	mg/l	No GAC	-	6	6	6.0			6	6
Selenium	0.01	DWS	mg/l	2 of 2	0	0.00033	0.00034	0.00034			0.00034	0.00033
Sodium	200	EUDWS	mg/l	2 of 2	0	31	31	31.0			31	31
Vanadium	0.02	EQS*	mg/l	2 of 2	0	0.0008	0.0009	0.0009			0.0008	0.0009
Zinc	0.0123	EQS	mg/l	2 of 2	2	0.026	0.029	0.02885			**0.026**	**0.029**
Iron (Soluble)											0.27	0.3
Inorganic												
pH	<6 - >9	EQS*	pH Units	No GAC	-	7.6	7.6	7.60			7.6	7.6
Cyanide	0.001	EQS	mg/l	0 of 2	0	<0.04	<0.04	0.04			<0.04	<0.04
Chloride	250	EQS*/DWS	mg/l	2 of 2	0	45	47	46.90			45	47
Ammoniacal Nitrogen as N	0.3	EQS	mg/l	2 of 2	0	0.21	0.25	0.248			0.21	0.25
Dissolved Organic Carbon		-	mg/l	No GAC	-	3	3.2	3.190			3	3.2
Total hardness		-	mg/l	No GAC	-	158	160	159.90			158	160
Nitrate as NO3	50	DWS	mg/l	2 of 2	0	19	19	19.0			19	19
Nitrite as NO2	0.5	DWS	mg/l	2 of 2	0	0.15	0.18	0.1785			0.15	0.18
Sulphate as SO4	250	DWS	mg/l	2 of 2	0	48	49	48.950			48	49
Sulphide		-	mg/l	No GAC	-	13	16	15.850			16	13
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	130	130	130.0			130	130
Biochemical Oxygen Demand											3.1	2.3
Chemical Oxygen Demand											17	20
Phenol and mineral oils												
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 2	0	<0.1	<0.1	0.1			<0.1	<0.1
Resorcinol												
Naphthols												
TPH												
Aliphatics >C10-12	0.3	WHO	mg/l	0 of 2	0	<0.001	<0.001	0.001			<0.001	<0.001
Aliphatics >C12-16	0.3	WHO	mg/l	0 of 2	0	<0.001	<0.001	0.001			<0.001	<0.001
Aliphatics >C16-21		-	mg/l	No GAC	-	<0.001	0.012	0.01145			<0.001	0.012
Aliphatics >C21-35		-	mg/l	No GAC	-	<0.001	0.052	0.04945			<0.001	0.052
Aliphatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001
Aliphatics >C5-6	15	WHO	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001
Aliphatics >C6-8	15	WHO	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001
Aliphatics >C8-10	0.3	WHO	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001
Aromatics >C10-12	0.09	WHO	mg/l	0 of 2	0	<0.001	<0.001	0.001			<0.001	<0.001
Aromatics >C12-16	0.09	WHO	mg/l	0 of 2	0	<0.001	<0.001	0.001			<0.001	<0.001
Aromatics >C16-21	0.09	WHO	mg/l	1 of 2	0	<0.001	0.022	0.02095			<0.001	0.022
Aromatics >C21-35	0.09	WHO	mg/l	1 of 2	0	<0.001	0.027	0.0257			<0.001	0.027

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	SW1	SW2
										Sample Ref		
										Easting		
										Northing		
										Hole Elevation (mOD)		
										Sample Depth (mbgl)		
										Piezometer top (mbgl)		
										Piezometer base (mbgl)		
										Sample Date	27/05/21	27/05/21
										Investigation		
										Aquifer	RIVER	RIVER
											Upstream	Downstream
Aromatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001
Aromatics >C5-7	0.01	WHO	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001
Aromatics >C7-8	0.7	WHO	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001
Aromatics >C8-10	0.3	WHO	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.049	0.0466			<0.001	0.049
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.049	0.0466			<0.001	0.049
PAH												
Acenaphthene	2	USEPA	mg/l	1 of 2	0	<0.00001	<0.00001	0.00001			<0.00001	0.00001
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
Fluoranthene	0.000006	EQS	mg/l	0 of 2	0	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
Fluorene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
Napthalene	0.002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005			<0.00005	<0.00005
Pah,Total		-	mg/l	No GAC	-	<0.002	<0.002	0.002			<0.002	<0.002
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
Anthracene	0.0001	EQS	mg/l	2 of 2	0	0.00002	0.00002	0.00002			0.00002	0.00002
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
Benzo(a)pyrene	0.00000	EQS	mg/l	0 of 2	0	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001			<0.00001	<0.00001
BTEX												
Benzene	0.001	DWS	mg/l	0 of 2	0	<0.001	<0.001	0.001			<0.001	<0.001
Toluene	0.074	EQS	mg/l	0 of 2	0	<0.001	<0.001	0.001			<0.001	<0.001
Ethylbenzene	0.02	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001			<0.001	<0.001
Xylene	0.03	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001			<0.001	<0.001

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH202	GEO_BH202	GEO_BH206	GEO_BH206
										Sample Ref	200		200	
										Easting	384723.888		384729.233	
										Northing	399716.141		399690.75	
										Hole Elevation (mOD)	42.663		42.692	
										Sample Depth (mbgl)	4.19		2.77	
										Piezometer top (mbgl)	4		2	
										Piezometer base (mbgl)	9		6	
										Sample Date	11/08/21	26/05/21	10/08/21	26/05/21
										Investigation	NW1604		NW1604	
										Aquifer	TILL	TILL	TILL	TILL
											Red Bank	Red Bank	Red Bank	Red Bank
Metal														
Antimony	0.005	DWS	mg/l	4 of 5	1	<0.00017	0.008356	0.00687			<0.00017	0.00091	0.000601	0.0004
Arsenic	0.05	EQS	mg/l	5 of 5	0	0.000566	0.0031	0.00302			0.002689	0.0031	0.000897	0.00089
Beryllium	0.004	USEPA	mg/l	0 of 5	0	<0.0001	<0.0001	0.0001			<0.0001	<0.0001	<0.0001	<0.0001
Cadmium	0.00150	EQS*	mg/l	3 of 5	0	<0.00003	0.0007	0.00069			<0.00003	<0.0003	0.000631	0.0007
Calcium		-	mg/l	No GAC	-	44	120	118.0			100	44	110	92
Chromium	0.0047	EQS	mg/l	2 of 5	0	<0.00025	0.0011	0.00095			<0.00025	0.0011	0.000351	<0.00025
Copper	0.001	EQS	mg/l	3 of 5	2	<0.0004	0.0074	0.00646			<0.0004	**0.0074**	<0.0004	0.0004
Lead	0.0012	EQS	mg/l	4 of 5	1	<0.00009	0.0014	0.00119			<0.00009	**0.0014**	0.000347	0.0001
Manganese	0.0123	EQS	mg/l	5 of 5	4	0.011	1.5	1.450			**1.248446**	0.011	**0.854463**	**1.5**
Mercury	0.001	DWS	mg/l	0 of 5	0	<0.00001	<0.00001	0.00001			<0.00001	<0.00001	<0.00001	<0.00001
Nickel	0.004	EQS	mg/l	5 of 5	0	0.0018	0.003437	0.00323			0.002072	0.0018	0.001963	0.0024
Selenium	0.01	DWS	mg/l	4 of 5	0	<0.00025	0.00119	0.00115			<0.00025	0.001	0.000346	0.00042
Vanadium	0.02	EQS*	mg/l	2 of 5	0	<0.0006	0.0024	0.00213			<0.0006	0.0024	<0.0006	<0.0006
Zinc	0.0123	EQS*	mg/l	4 of 5	4	<0.0013	0.16	0.1346			<0.0013	**0.16**	**0.032346**	**0.033**
Iron (Soluble)	0.2	DWS												
Inorganic														
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.9	7.5	7.480			7.5	7.4	6.9	7.1
Cyanide	0.001	EQS	mg/l	0 of 5	0	<0.04	<0.04	0.04			<0.04	<0.04	<0.04	<0.04
Chloride	250	EQS*/DWS	mg/l	3 of 3	1	5.1	320	290.90			**320**		5.1	
Ammoniacal Nitrogen as N	0.3	EQS	mg/l	3 of 3	1	0.05	1.3	1.182			0.12		0.05	
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	7.7	7.20			7.7	5.2	<2	<2
Total hardness		-	mg/l	No GAC	-	123	501	474.60			501	123	355	310
Biochemical Oxygen Demand														
Chemical Oxygen Demand														
Phenol and mineral oils														
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 5	0	<0.1	<0.1	0.1			<0.1	<0.1	<0.1	<0.1
Resorcinol														
Naphthols														
TPH														
Aliphatics >C10-12	0.3	WHO	mg/l	0 of 3	0	<0.001	<0.001	0.001				<0.001		<0.001
Aliphatics >C12-16	0.3	WHO	mg/l	0 of 3	0	<0.001	<0.001	0.001				<0.001		<0.001
Aliphatics >C16-21		-	mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001		<0.001
Aliphatics >C21-35		-	mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001		<0.001
Aliphatics >C35-44		-	mg/l	No GAC	-	0.001	0.001	0.001				<0.001		<0.001
Aliphatics >C5-6	15	WHO	mg/l	0 of 3	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001
Aliphatics >C6-8	15	WHO	mg/l	0 of 3	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001
Aliphatics >C8-10	0.3	WHO	mg/l	0 of 3	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001
Aromatics >C10-12	0.09	WHO	mg/l	0 of 3	0	<0.001	<0.001	0.001				<0.001		<0.001
Aromatics >C12-16	0.09	WHO	mg/l	0 of 3	0	<0.001	<0.001	0.001				<0.001		<0.001
Aromatics >C16-21	0.09	WHO	mg/l	0 of 3	0	<0.001	<0.001	0.001				<0.001		<0.001
Aromatics >C21-35	0.09	WHO	mg/l	0 of 3	0	<0.001	<0.001	0.001				<0.001		<0.001
Aromatics >C35-44		-	mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001		<0.001
Aromatics >C5-7	0.01	WHO	mg/l	0 of 3	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001
Aromatics >C7-8	0.7	WHO	mg/l	0 of 3	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001
Aromatics >C8-10	0.3	WHO	mg/l	0 of 3	0	<0.0001	<0.0001	0.0001				<0.0001		<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001		<0.001
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	<0.001	0.001				<0.001		<0.001
PAH														
Acenaphthene	2	USEPA	mg/l	0 of 3	0	<0.00001	<0.00001	0.00001				<0.00001		<0.00001

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	GEO_BH202	GEO_BH202	GEO_BH206	GEO_BH206
										Sample Ref	200		200	
										Easting	384723.888		384729.233	
										Northing	399716.141		399690.75	
										Hole Elevation (mOD)	42.663		42.692	
										Sample Depth (mbgl)	4.19		2.77	
										Piezometer top (mbgl)	4		2	
										Piezometer base (mbgl)	9		6	
										Sample Date	11/08/21	26/05/21	10/08/21	26/05/21
										Investigation	NW1604		NW1604	
										Aquifer	TILL	TILL	TILL	TILL
											Red Bank	Red Bank	Red Bank	Red Bank
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001
Fluoranthene	0.000006	EQS	mg/l	0 of 3	0	<0.00001	<0.00001	0.00001				<0.00001		<0.00001
Fluorene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		0.00001
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001
Napthalene	0.002	EQS	mg/l	0 of 3	0	<0.00005	<0.0005	0.00046				<0.0005		<0.00005
Pah,Total		-	mg/l	No GAC	-	<0.0002	<0.0002	0.0002				<0.0002		<0.0002
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00002	0.00002				<0.00001		0.00002
Anthracene	0.0001	EQS	mg/l	0 of 3	0	<0.00001	<0.00001	0.00001				<0.00001		<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001
Benzo(a)pyrene	0.00000	EQS	mg/l	0 of 3	0	<0.00001	<0.00001	0.00001				<0.00001		<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	<0.00001	0.00001				<0.00001		<0.00001
BTEX														
Benzene	0.001	DWS	mg/l	0 of 3	0	<0.001	<0.001	0.001				<0.001		<0.001
Toluene	0.074	EQS	mg/l	0 of 3	0	<0.001	<0.001	0.001				<0.001		<0.001
Ethylbenzene	0.02	EQS*	mg/l	0 of 3	0	<0.001	<0.001	0.001				<0.001		<0.001
Xylene	0.03	EQS*	mg/l	0 of 3	0	<0.001	<0.001	0.001				<0.001		<0.001

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation		Hole Ref	01_TP105	01_TP105	01_TP106	01_TP106	01_WS101	01_WS102
											Sample Ref	2	5	3	10	3	5
											Easting	384843.779	384843.779	384830.717	384830.717	384734.621	384761.314
											Northing	399726.261	399726.261	399695.601	399695.601	399613.694	399589.102
											Hole Elevation (mOD)	41.107	41.107	42.654	42.654	32.187	32.203
											Sample Depth (mbgl)	0.3	1.3	0.4	2.8	0.3	1
											Sample Date	03/01/19	03/01/19	03/01/19	03/01/19	08/01/19	07/01/19
											Investigation						
											Geology	MG	MG	MG	MG	MG	MG-G
Metal																	
Antimony	3290	AGAC	mg/kg	23 of 29	0	<1	11		0			2.2	1	2.3	<1	3.3	1.5
Arsenic	168	AGAC	mg/kg	29 of 29	0	4.7	89		0			19	12	21	5	12	12
Beryllium	63	,GAC/S4U	mg/kg	29 of 29	0	0.3	2.3		0			1.3	0.6	2.1	0.6	0.8	0.6
Cadmium	532	S4UL	mg/kg	25 of 29	0	<0.1	2.2		0			0.5	0.2	0.2	<0.1	0.3	0.5
Chromium	33000	C/S4UL ((	mg/kg	29 of 29	0	7.9	38		0			22	23	38	11	13	12
Chromium - Hexavalent	220	,GAC/S4U	mg/kg	0 of 22	0	<1	<1		0			<1	<1	<1	<1	<1	<1
Copper	44400	,GAC/S4U	mg/kg	29 of 29	0	12	7500		0			94	39	130	17	57	80
Lead	1300	C4SL	mg/kg	29 of 29	0	6.2	490		0			240	110	40	56	280	280
Manganese			mg/kg	No GAC	-				0								
Mercury	240	JL (inorga	mg/kg	23 of 29	0	<0.05	24		0			0.9	0.32	<0.05	0.11	0.16	0.63
Nickel	804	AGAC	mg/kg	29 of 29	0	8.5	50		0			27	20	50	13	16	11
Selenium	1850	AGAC	mg/kg	4 of 29	0	<0.5	3.1		0			<0.5	<0.5	<0.5	<0.5	<0.5	0.5
Vanadium	5000	L (pentava	mg/kg	29 of 29	0	11	110		0			33	21	65	15	20	19
Zinc	173000	AGAC	mg/kg	29 of 29	0	24	1000		0			170	88	53	38	97	140
Inorganic																	
pH			pH Units	No GAC	-	6.8	8.6		0			8.4	8.3	8.6	8.3	7.8	8.5
Cyanide	24	,C (free, a	mg/kg	18 of 29	0	<0.1	8.1		0			8.1	5.1	0.5	0.2	0.8	0.4
Complex Cyanide			mg/kg	No GAC	-	<0.2	2.2		0								
Cyanide Free	24	GAC (acul	mg/kg	1 of 4	0	<0.1	<0.1		0								
Thiocyanate			mg/kg	No GAC	-	<0.6	1.4		0								
Boron	46200	AGAC	mg/kg	24 of 29	0	<0.2	1.5		0			0.5	0.2	<0.2	<0.2	1.1	1.3
Total Organic Carbon			%	No GAC	-	0.1	38		0			5.3	4.7	35	1.5	1.8	2.1
Ortho Phosphate as P			mg/kg	No GAC	-				0								
Asbestos																	
Asbestos Quantification (Total %)			%	No GAC	-	0.007	0.007		0								
Asbestos (Presence of)			---	No GAC	-				0			Chrysotile	NAD	NAD		NAD	NAD
Asbestos Analysts Comments			---	No GAC	-				0		Chrysotile in microscopic board debris		na	na		na	na
Phenol and mineral oils																	
Phenol	1300	(direct cc	mg/kg	0 of 4	0	<0.1	<0.1		0								
Phenol (Monohydric)	1300	(direct cc	mg/kg	7 of 29	0	<0.3	12		0			0.7	0.4	0.6	0.4	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-				0								
Cresols			mg/kg	No GAC	-				0								
TPH																	
Aliphatics >C10-12	24300	AGAC	mg/kg	1 of 17	0	<1.5	<1.5	283.0	0			<1.5	<1.5	1.5		<1.5	<1.5
Aliphatics >C12-16	25700	AGAC	mg/kg	2 of 17	0	<1.2	7.1	142.0	0			<1.2	<1.2	7.1		<1.2	<1.2
Aliphatics >C16-21	494000	C (Ali >C1	mg/kg	2 of 17	0	<1.5	110		0			<1.5	<1.5	110		<1.5	<1.5
Aliphatics >C21-35	494000	C (Ali >C1	mg/kg	1 of 17	0	<3.4	110		0			<3.4	<3.4	110		<3.4	<3.4
Aliphatics >C35-44	49400	C (Ali >C1	mg/kg	0 of 11	0	<3.4	<3.4		0								
Aliphatics >C5-35			mg/kg	No GAC	-	<10	220		0			<76.3	<10	220		<10	<10
Aliphatics >C5-6	181000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	1150.0	0			<0.1	<0.01	<0.01		<0.01	<0.01
Aliphatics >C6-8	316000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	736.0	0			<0.1	<0.01	<0.01		<0.01	<0.01
Aliphatics >C8-10	21400	AGAC	mg/kg	1 of 17	0	<0.01	4.3	451.0	0			4.3	<0.01	<0.01		<0.01	<0.01
Aromatics >C10-12	10000	,GAC/S4U	mg/kg	7 of 17	0	<0.9	27		0			27	11	11		<0.9	<0.9
Aromatics >C12-16	10400	AGAC	mg/kg	9 of 17	0	<0.5	42		0			41	19	19		<0.5	<0.5
Aromatics >C16-21	7770	AGAC	mg/kg	9 of 17	0	<0.6	75		0			40	24	42		<0.6	<0.6
Aromatics >C21-35	7850	AGAC	mg/kg	9 of 17	0	<1.4	160		0			160	98	84		<1.4	<1.4
Aromatics >C35-44	7850	AGAC	mg/kg	0 of 11	0	<1.4	<1.4		0								
Aromatics >C7-8	101000	AC (tolue	mg/kg	0 of 17	0	<0.01	<0.1	4360.0	0			<0.1	<0.01	<0.01		<0.01	<0.01
Aromatics >C8-10	9290	AGAC	mg/kg	1 of 17	0	<0.01	1.6	3580.0	0			<0.1	<0.01	<0.01		<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_TP105	01_TP105	01_TP106	01_TP106	01_WS101	01_WS102
										Sample Ref	2	5	3	10	3	5
										Easting	384843.779	384843.779	384830.717	384830.717	384734.621	384761.314
										Northing	399726.261	399726.261	399695.601	399695.601	399613.694	399589.102
										Hole Elevation (mOD)	41.107	41.107	42.654	42.654	32.187	32.203
										Sample Depth (mbgl)	0.3	1.3	0.4	2.8	0.3	1
										Sample Date	03/01/19	03/01/19	03/01/19	03/01/19	08/01/19	07/01/19
										Investigation						
										Geology	MG	MG	MG	MG	MG	MG-G
TPH >C10-40			mg/kg	No GAC	-	<10	290		0					190		61
Aromatics >C10-44			mg/kg	No GAC	-	<10	130		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	140		0							
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	380		0		340	150	380		<10	<10
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	260		0		260	150	160		<10	<10
PAH																
Acenaphthene	29900	AGAC	mg/kg	12 of 21	0	<0.03	6.1		0			<0.03	0.04		0.11	0.04
Dibenz-a-h-anthracene	1.36	,GAC/S4U	mg/kg	10 of 21	0	<0.03	0.35		0			0.07	0.15		<0.03	<0.03
Fluoranthene	6350	AGAC	mg/kg	17 of 21	0	<0.03	13		0			0.2	0.96		0.59	0.68
Fluorene	20100	AGAC	mg/kg	12 of 21	0	<0.03	4		0			0.1	0.04		0.07	<0.03
Indeno(1,2,3-cd)pyrene	183	AGAC	mg/kg	14 of 21	0	<0.03	1.5		0			0.52	0.55		0.06	0.12
Phenanthrene	6270	AGAC	mg/kg	16 of 21	0	<0.03	20		0			0.14	0.56		0.58	0.42
Pyrene	15200	AGAC	mg/kg	17 of 21	0	<0.03	18		0			0.51	2.4		0.53	0.7
Napthalene	2950	AGAC	mg/kg	13 of 22	0	<0.01	18	432.0	0		<0.1	0.04	0.07		<0.03	<0.03
Pah,Total			mg/kg	No GAC	-	<0.1	95		0			6.4	10	47	2.8	3.6
Acenaphthylene	29900	AGAC	mg/kg	9 of 21	0	<0.03	0.7		0			0.7	0.14		<0.03	<0.03
Anthracene	152000	AGAC	mg/kg	13 of 21	0	<0.03	3.7		0			0.51	0.18		0.11	0.08
Benzo(a)anthracene	62.5	,GAC/S4U	mg/kg	16 of 21	0	<0.03	5.3		0			0.2	0.8		0.18	0.3
Benzo (g,h,i) perylene	1570	AGAC	mg/kg	14 of 21	0	<0.03	2.6		0			2.3	1		0.06	0.15
Benzo(a)pyrene	13.2	,GAC/S4U	mg/kg	14 of 21	0	<0.03	5.6		0			0.24	0.99		0.1	0.28
Benzo(b)fluoranthene	16.3	,GAC/S4U	mg/kg	15 of 21	0	<0.03	4.2		0			0.37	1.1		0.14	0.36
Benzo(k)fluoranthene	442	AGAC	mg/kg	14 of 21	0	<0.03	1.6		0			0.37	0.3		0.08	0.13
Chrysene	121	AGAC	mg/kg	15 of 21	0	<0.03	4.8		0			0.22	1.1		0.21	0.32
BTEX																
Benzene	113	AGAC	mg/kg	2 of 30	0	<0.01	0.12		0		<0.1	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	101000	AGAC	mg/kg	0 of 30	0	<0.01	<0.1	4360.0	0		<0.1	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	27100	AGAC	mg/kg	2 of 30	0	<0.01	0.22	2840.0	0		<0.1	<0.01	<0.01	<0.01	<0.01	<0.01
O-Xylene	32600	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2620.0	0		<0.1					
Xylene	31500	AC (p-xyle	mg/kg	1 of 29	0	<0.01	0.57	3170.0	0			<0.01	<0.01	<0.01	<0.01	<0.01
m,p xylenes	31500	AC (p-xyle	mg/kg	0 of 5	0	<0.01	<0.1	3170.0	0		<0.1					
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0					<0.04		<0.04
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	2070	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,1,1-Trichloroethane	101000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	6390.0	0		<0.1					
1,1,2-Trichloroethane	1480	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,1-Dichloroethane	31200	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	5600.0	0		<0.1					
1,1-Dichloroethene	5860	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
1,2,3 Trichlorobenzene	1570	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
1,2,4-Trichlorobenzene	3980	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	1880.0	0		<0.1					
1,2,4-Trimethylbenzene	408	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
1,2-Dichlorobenzene	50500	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3240.0	0		<0.1					
1,2-Dichloroethane	27.8	,GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,2-Dichloropropane	292	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
1,3-Dichlorobenzene	392	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
1,4-Dichlorobenzene	36000	S4UL (inh	mg/kg	0 of 5	0	<0.01	<0.1	1280.0	0		<0.1					
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
2,3,4,6-Tetrachlorophenol	1050	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Hole Ref										01_TP105	01_TP105	01_TP106	01_TP106	01_WS101	01_WS102
Sample Ref										2	5	3	10	3	5
Easting										384843.779	384843.779	384830.717	384830.717	384734.621	384761.314
Northing										399726.261	399726.261	399695.601	399695.601	399613.694	399589.102
Hole Elevation (mOD)										41.107	41.107	42.654	42.654	32.187	32.203
Sample Depth (mbgl)										0.3	1.3	0.4	2.8	0.3	1
Sample Date										03/01/19	03/01/19	03/01/19	03/01/19	08/01/19	07/01/19
Investigation															
Geology										MG	MG	MG	MG	MG	MG-G
2,4,5-Trichlorophenol	1100	S4UL	mg/kg	0 of 4	0	<0.1	<0.1		0						
2,4,6-Trichlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
2,4-Dichlorophenol	1040	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
2,4-Dimethylphenol	9880	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
2,4-Dinitrotoluene	990	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
2,6-Dinitrotoluene	498	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
2-Chloronaphthalene	2750	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
2-Chlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1				
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	3.6		0						
2-Methylphenol	49400	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1				
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1				
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Nitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0						
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-ethylhexyl)phthalate	16800	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
Bromobenzene	3460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1				
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1				
Bromodichloromethane	80.9	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1				
Butylbenzylphthalate	259000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
Carbazole			mg/kg	No GAC	-	<0.1	<0.1		0						
Chlorobenzene	2900	,GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1				
Chloroethene	5.36	,GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1				
Chloroform	3090	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1				
Di-N-Butyl Phthalate	2630	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
Di-N-Octyl Phthalate	20000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
Dibenzofuran			mg/kg	No GAC	-	<0.1	<0.1		0						
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1				
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1				
Diethylphthalate	96000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0						
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0						
Hexachlorobenzene (HCB)	29.7	,GAC/S4U	mg/kg	0 of 4	0	<0.1	<0.1		0						
Hexachlorobutadiene (HCBD)	50.8	,GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1				
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0						
Isopropylbenzene	33800	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2250.0	0		<0.1				
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Methyl tert-butyl ether (MTBE)	117000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	62700.0	0		<0.1				
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Pentachlorophenol (PCP)	117	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1				
Styrene	6120	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3350.0	0		<0.1				

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref: 01_TP105 Sample Ref: 2 Easting: 384843.779 Northing: 399726.261 Hole Elevation (mOD): 41.107 Sample Depth (mbgl): 0.3 Sample Date: 03/01/19 Investigation: Geology: MG	Hole Ref: 01_TP105 Sample Ref: 5 Easting: 384843.779 Northing: 399726.261 Hole Elevation (mOD): 41.107 Sample Depth (mbgl): 1.3 Sample Date: 03/01/19 Investigation: Geology: MG	Hole Ref: 01_TP106 Sample Ref: 3 Easting: 384830.717 Northing: 399695.601 Hole Elevation (mOD): 42.654 Sample Depth (mbgl): 0.4 Sample Date: 03/01/19 Investigation: Geology: MG	Hole Ref: 01_TP106 Sample Ref: 10 Easting: 384830.717 Northing: 399695.601 Hole Elevation (mOD): 42.654 Sample Depth (mbgl): 2.8 Sample Date: 03/01/19 Investigation: Geology: MG	Hole Ref: 01_WS101 Sample Ref: 3 Easting: 384734.621 Northing: 399613.694 Hole Elevation (mOD): 32.187 Sample Depth (mbgl): 0.3 Sample Date: 08/01/19 Investigation: Geology: MG	Hole Ref: 01_WS102 Sample Ref: 5 Easting: 384761.314 Northing: 399589.102 Hole Elevation (mOD): 32.203 Sample Depth (mbgl): 1 Sample Date: 07/01/19 Investigation: Geology: MG-G
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1					
Tetrachloroethene	1460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1					
Tetrachloromethane (Carbon Tetra Chlori	396	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1					
Tribromomethane	5220	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1					
Trichloroethene	115	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1					
cis-1,2-Dichloroethene	1040	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1					
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1					
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1					
n-propylbenzene	43900	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2330.0	0	<0.1					
trans-1,2-Dichloroethene	2710	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1					
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1					
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						
Aliphatics >C10-44			mg/kg	No GAC	-	<10	<10		0						
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	1.9	2.6		0						
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	0.12		0	<0.1	<0.01	<0.01		<0.01	<0.01
Iron			mg/kg	No GAC	-				0						
Loss on ignition			%	No GAC	-	0.97	16		0				1.7		3.1
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-				0						
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	<0.01		0				<0.01		<0.01
Resorcinol			mg/kg	No GAC	-				0						
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-				0						
Trimethylphenol			mg/kg	No GAC	-				0						
Xylenols & Ethylphenols			mg/kg	No GAC	-				0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation		Hole Ref: 01_WS103	GEO_BH203	GEO_BH203	GEO_BH203	GEO_BH203	GEO_BH204
											Sample Ref: 4	35	2	4	19	5
											Easting: 384813.849	384845.747	384845.747	384845.747	384845.747	384815.474
											Northing: 399611.16	399748.863	399748.863	399748.863	399748.863	399703.59
											Hole Elevation (mOD): 32.572	41.891	41.891	41.891	41.891	43.276
											Sample Depth (mbgl): 1	11.7	0.5	1.2	6.2	1.2
											Sample Date: 07/01/19	13/04/21	12/04/21	12/04/21	12/04/21	31/03/21
											Investigation:					
											Geology: MG	GTD	MG	MG	MG	MG
Metal																
Antimony	3290	AGAC	mg/kg	23 of 29	0	<1	11		0		11	1.4	2.7		7.3	3.9
Arsenic	168	AGAC	mg/kg	29 of 29	0	4.7	89		0		14	9.7	32		20	29
Beryllium	63	.GAC/S4U	mg/kg	29 of 29	0	0.3	2.3		0		0.6	0.6	1.5		1.6	1.4
Cadmium	532	S4UL	mg/kg	25 of 29	0	<0.1	2.2		0		0.3	0.2	0.4		1.1	0.4
Chromium	33000	C/S4UL ((	mg/kg	29 of 29	0	7.9	38		0		16	18	22		15	16
Chromium - Hexavalent	220	.GAC/S4U	mg/kg	0 of 22	0	<1	<1		0		<1		<1		<1	<1
Copper	44400	.GAC/S4U	mg/kg	29 of 29	0	12	7500		0		60	7500	62		150	180
Lead	1300	C4SL	mg/kg	29 of 29	0	6.2	490		0		490	63	54		200	280
Manganese			mg/kg	No GAC	-				0							
Mercury	240	JL (inorga	mg/kg	23 of 29	0	<0.05	24		0		0.68	0.1	0.23		1.8	24
Nickel	804	AGAC	mg/kg	29 of 29	0	8.5	50		0		15	19	34		29	29
Selenium	1850	AGAC	mg/kg	4 of 29	0	<0.5	3.1		0		<0.5	<0.5	3.1		<0.5	<0.5
Vanadium	5000	L (pentava	mg/kg	29 of 29	0	11	110		0		24	19	110		47	46
Zinc	173000	AGAC	mg/kg	29 of 29	0	24	1000		0		220	330	240		260	220
Inorganic																
pH			pH Units	No GAC	-	6.8	8.6		0		8.5	7.7	8.1		8	8
Cyanide	24	.C (free, a	mg/kg	18 of 29	0	<0.1	8.1		0		0.4	0.1	0.6		<0.1	1.7
Complex Cyanide			mg/kg	No GAC	-	<0.2	2.2		0							
Cyanide Free	24	GAC (acul	mg/kg	1 of 4	0	<0.1	<0.1		0							
Thiocyanate			mg/kg	No GAC	-	<0.6	1.4		0							
Boron	46200	AGAC	mg/kg	24 of 29	0	<0.2	1.5		0		1.5	1.4	0.3		0.3	1.1
Total Organic Carbon			%	No GAC	-	0.1	38		0		3.4	2.1	15	16	1.6	1.5
Ortho Phosphate as P			mg/kg	No GAC	-				0							
Asbestos																
Asbestos Quantification (Total %)			%	No GAC	-	0.007	0.007		0							
Asbestos (Presence of)			---	No GAC	-				0		Amosite		NAD		NAD	NAD
Asbestos Analysts Comments			---	No GAC	-				0		Chrysotile in microsc	in small bundles	na		na	na
Phenol and mineral oils																
Phenol	1300	(direct co	mg/kg	0 of 4	0	<0.1	<0.1		0						<0.1	
Phenol (Monohydric)	1300	(direct co	mg/kg	7 of 29	0	<0.3	12		0		12	<0.3	<0.3		<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-				0							
Cresols			mg/kg	No GAC	-				0							
TPH																
Aliphatics >C10-12	24300	AGAC	mg/kg	1 of 17	0	<1.5	<1.5	283.0	0		<1.5		<1.5		<1.5	
Aliphatics >C12-16	25700	AGAC	mg/kg	2 of 17	0	<1.2	7.1	142.0	0		<1.2		<1.2		<1.2	
Aliphatics >C16-21	494000	C (Ali >C1	mg/kg	2 of 17	0	<1.5	110		0		<1.5		<1.5		<1.5	
Aliphatics >C21-35	494000	C (Ali >C1	mg/kg	1 of 17	0	<3.4	110		0		<3.4		<3.4		<3.4	
Aliphatics >C35-44	49400	C (Ali >C1	mg/kg	0 of 11	0	<3.4	<3.4		0				<3.4		<3.4	
Aliphatics >C5-35			mg/kg	No GAC	-	<10	220		0		<10					
Aliphatics >C5-6	181000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	1150.0	0		<0.01		<0.01		<0.01	
Aliphatics >C6-8	316000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	736.0	0		<0.01		<0.01		<0.01	
Aliphatics >C8-10	21400	AGAC	mg/kg	1 of 17	0	<0.01	4.3	451.0	0		<0.01		<0.01		<0.01	
Aromatics >C10-12	10000	.GAC/S4U	mg/kg	7 of 17	0	<0.9	27		0		8.6		<0.9		18	
Aromatics >C12-16	10400	AGAC	mg/kg	9 of 17	0	<0.5	42		0		28		<0.5		42	
Aromatics >C16-21	7770	AGAC	mg/kg	9 of 17	0	<0.6	75		0		75		<0.6		42	
Aromatics >C21-35	7850	AGAC	mg/kg	9 of 17	0	<1.4	160		0		88		<1.4		15	
Aromatics >C35-44	7850	AGAC	mg/kg	0 of 11	0	<1.4	<1.4		0				<1.4		<1.4	
Aromatics >C7-8	101000	AC (tolue	mg/kg	0 of 17	0	<0.01	<0.1	4360.0	0		<0.01		<0.01		<0.01	
Aromatics >C8-10	9290	AGAC	mg/kg	1 of 17	0	<0.01	1.6	3580.0	0		<0.01		<0.01		1.6	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_WS103	GEO_BH203	GEO_BH203	GEO_BH203	GEO_BH203	GEO_BH204
										Sample Ref	4	35	2	4	19	5
										Easting	384813.849	384845.747	384845.747	384845.747	384845.747	384815.474
										Northing	399611.16	399748.863	399748.863	399748.863	399748.863	399703.59
										Hole Elevation (mOD)	32.572	41.891	41.891	41.891	41.891	43.276
										Sample Depth (mbgl)	1	11.7	0.5	1.2	6.2	1.2
										Sample Date	07/01/19	13/04/21	12/04/21	12/04/21	12/04/21	31/03/21
										Investigation						
										Geology	MG	GTD	MG	MG	MG	MG
TPH >C10-40			mg/kg	No GAC	-	<10	290		0					240		
Aromatics >C10-44			mg/kg	No GAC	-	<10	130		0				<10		95	
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	140		0				<10		95	
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	380		0		200					
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	260		0		200					
PAH																
Acenaphthene	29900	AGAC	mg/kg	12 of 21	0	<0.03	6.1		0		6.1		0.09		1.3	
Dibenz-a-h-anthracene	1.36	GAC/S4U	mg/kg	10 of 21	0	<0.03	0.35		0		0.23		0.03		0.05	
Fluoranthene	6350	AGAC	mg/kg	17 of 21	0	<0.03	13		0		13		1.2		2.4	
Fluorene	20100	AGAC	mg/kg	12 of 21	0	<0.03	4		0		4		0.11		1.4	
Indeno(1,2,3-cd)pyrene	183	AGAC	mg/kg	14 of 21	0	<0.03	1.5		0		0.75		0.17		0.26	
Phenanthrene	6270	AGAC	mg/kg	16 of 21	0	<0.03	20		0		20		1.1		7.1	
Pyrene	15200	AGAC	mg/kg	17 of 21	0	<0.03	18		0		13		2		4.6	
Napthalene	2950	AGAC	mg/kg	13 of 22	0	<0.01	18	432.0	0		18		0.12		2.2	
Pah,Total			mg/kg	No GAC	-	<0.1	95		0		95		7.5	17	39	
Acenaphthylene	29900	AGAC	mg/kg	9 of 21	0	<0.03	0.7		0		0.11		0.1		0.3	
Anthracene	152000	AGAC	mg/kg	13 of 21	0	<0.03	3.7		0		3.7		0.23		1.5	
Benzo(a)anthracene	62.5	GAC/S4U	mg/kg	16 of 21	0	<0.03	5.3		0		3.7		0.48		0.84	
Benzo (g,h,i) perylene	1570	AGAC	mg/kg	14 of 21	0	<0.03	2.6		0		0.93		0.27		0.48	
Benzo(a)pyrene	13.2	GAC/S4U	mg/kg	14 of 21	0	<0.03	5.6		0		2.7		0.41		0.8	
Benzo(b)fluoranthene	16.3	GAC/S4U	mg/kg	15 of 21	0	<0.03	4.2		0		2.9		0.51		0.62	
Benzo(k)fluoranthene	442	AGAC	mg/kg	14 of 21	0	<0.03	1.6		0		1.2		0.18		0.22	
Chrysene	121	AGAC	mg/kg	15 of 21	0	<0.03	4.8		0		4.4		0.61		0.83	
BTEX																
Benzene	113	AGAC	mg/kg	2 of 30	0	<0.01	0.12		0		<0.01		<0.01	<0.01	0.12	
Toluene	101000	AGAC	mg/kg	0 of 30	0	<0.01	<0.1	4360.0	0		<0.01		<0.01	<0.01	<0.01	
Ethylbenzene	27100	AGAC	mg/kg	2 of 30	0	<0.01	0.22	2840.0	0		<0.01		<0.01	<0.01	0.22	
O-Xylene	32600	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2620.0	0						<0.1	
Xylene	31500	AC (p-xyle	mg/kg	1 of 29	0	<0.01	0.57	3170.0	0		<0.01		<0.01	<0.01	0.57	
m,p xylenes	31500	AC (p-xyle	mg/kg	0 of 5	0	<0.01	<0.1	3170.0	0						<0.1	
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0					<0.04		
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	2070	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
1,1,1-Trichloroethane	101000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	6390.0	0						<0.1	
1,1,2-Trichloroethane	1480	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
1,1-Dichloroethane	31200	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	5600.0	0						<0.1	
1,1-Dichloroethene	5860	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						<0.1	
1,2,3 Trichlorobenzene	1570	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						<0.1	
1,2,4-Trichlorobenzene	3980	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	1880.0	0						<0.1	
1,2,4-Trimethylbenzene	408	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						<0.1	
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0						<0.1	
1,2-Dichlorobenzene	50500	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3240.0	0						<0.1	
1,2-Dichloroethane	27.8	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
1,2-Dichloropropane	292	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0						<0.1	
1,3-Dichlorobenzene	392	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						<0.1	
1,4-Dichlorobenzene	36000	S4UL (inh	mg/kg	0 of 5	0	<0.01	<0.1	1280.0	0						<0.1	
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						<0.1	
2,3,4,6-Tetrachlorophenol	1050	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0						<0.1	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	
Hole Ref										01_WS103 GEO_BH203 GEO_BH203 GEO_BH203 GEO_BH203 GEO_BH204
Sample Ref										4 35 2 4 19 5
Easting										384813.849 384845.747 384845.747 384845.747 384845.747 384815.474
Northing										399611.16 399748.863 399748.863 399748.863 399748.863 399703.59
Hole Elevation (mOD)										32.572 41.891 41.891 41.891 41.891 43.276
Sample Depth (mbgl)										1 11.7 0.5 1.2 6.2 1.2
Sample Date										07/01/19 13/04/21 12/04/21 12/04/21 12/04/21 31/03/21
Investigation										
Geology										MG GTD MG MG MG MG
2,4,5-Trichlorophenol	1100	S4UL	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2,4,6-Trichlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2,4-Dichlorophenol	1040	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2,4-Dimethylphenol	9880	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2,4-Dinitrotoluene	990	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2,6-Dinitrotoluene	498	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2-Chloronaphthalene	2750	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2-Chlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	3.6		0	1.7
2-Methylphenol	49400	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
4-Nitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Bis(2-ethylhexyl)phthalate	16800	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Bromobenzene	3460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
Bromodichloromethane	80.9	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1
Butylbenzylphthalate	259000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Carbazole			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Chlorobenzene	2900	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1
Chloroethene	5.36	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1
Chloroform	3090	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1
Di-N-Butyl Phthalate	2630	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Di-N-Octyl Phthalate	20000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Dibenzofuran			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
Diethylphthalate	96000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Hexachlorobenzene (HCB)	29.7	GAC/S4U	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Hexachlorobutadiene (HCBD)	50.8	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Isopropylbenzene	33800	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2250.0	0	<0.1
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Methyl tert-butyl ether (MTBE)	117000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	62700.0	0	<0.1
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Pentachlorophenol (PCP)	117	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
Styrene	6120	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3350.0	0	<0.1

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_WS103	GEO_BH203	GEO_BH203	GEO_BH203	GEO_BH203	GEO_BH204
										Sample Ref	4	35	2	4	19	5
										Easting	384813.849	384845.747	384845.747	384845.747	384845.747	384815.474
										Northing	399611.16	399748.863	399748.863	399748.863	399748.863	399703.59
										Hole Elevation (mOD)	32.572	41.891	41.891	41.891	41.891	43.276
										Sample Depth (mbgl)	1	11.7	0.5	1.2	6.2	1.2
										Sample Date	07/01/19	13/04/21	12/04/21	12/04/21	12/04/21	31/03/21
										Investigation						
										Geology	MG	GTD	MG	MG	MG	MG
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0						<0.1	
Tetrachloroethene	1460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
Tetrachloromethane (Carbon Tetra Chlori	396	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
Tribromomethane	5220	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
Trichloroethene	115	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
cis-1,2-Dichloroethene	1040	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						<0.1	
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0						<0.1	
n-propylbenzene	43900	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2330.0	0						<0.1	
trans-1,2-Dichloroethene	2710	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0						<0.1	
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						<0.1	
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0						<0.1	
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0						<0.1	
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						<0.1	
Aliphatics >C10-44			mg/kg	No GAC	-	<10	<10		0			<10			<10	
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	1.9	2.6		0			2				
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	0.12		0		<0.01	<0.01			0.12	
Iron			mg/kg	No GAC	-				0							
Loss on ignition			%	No GAC	-	0.97	16		0					9.6		
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-				0							
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		
Resorcinol			mg/kg	No GAC	-				0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-				0							
Trimethylphenol			mg/kg	No GAC	-				0							
Xylenols & Ethylphenols			mg/kg	No GAC	-				0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation		Hole Ref	GEO_TP204	GEO_TP204	GEO_TP205	GEO_TP205	GEO_TP205	GEO_TP206
											Sample Ref	5	11	2	5	8	2
											Easting	384845.704	384845.704	384849.258	384849.258	384849.258	384828.06
											Northing	399741.07	399741.07	399729.41	399729.41	399729.41	399752.78
											Hole Elevation (mOD)	42.12	42.12	40.96	40.96	40.96	43.375
											Sample Depth (mbgl)	1	3	0.3	1	2	0.3
											Sample Date	09/04/21	09/04/21	12/04/21	12/04/21	12/04/21	07/04/21
											Investigation						
											Geology	MG	MG	MG	MG	MG	MG
Metal																	
Antimony	3290	AGAC	mg/kg	23 of 29	0	<1	11		0			<1				1.5	3.7
Arsenic	168	AGAC	mg/kg	29 of 29	0	4.7	89		0			4.7				9.3	21
Beryllium	63	GAC/S4U	mg/kg	29 of 29	0	0.3	2.3		0			0.4				1	1.1
Cadmium	532	S4UL	mg/kg	25 of 29	0	<0.1	2.2		0			0.2				0.2	0.6
Chromium	33000	C/S4UL ((	mg/kg	29 of 29	0	7.9	38		0			12				24	16
Chromium - Hexavalent	220	GAC/S4U	mg/kg	0 of 22	0	<1	<1		0			<1				<1	<1
Copper	44400	GAC/S4U	mg/kg	29 of 29	0	12	7500		0			25				38	130
Lead	1300	C4SL	mg/kg	29 of 29	0	6.2	490		0			11				43	200
Manganese			mg/kg	No GAC	-				0								
Mercury	240	JL (inorga	mg/kg	23 of 29	0	<0.05	24		0			<0.05				0.19	0.41
Nickel	804	AGAC	mg/kg	29 of 29	0	8.5	50		0			19				32	27
Selenium	1850	AGAC	mg/kg	4 of 29	0	<0.5	3.1		0			<0.5				<0.5	<0.5
Vanadium	5000	L (pentava	mg/kg	29 of 29	0	11	110		0			14				28	37
Zinc	173000	AGAC	mg/kg	29 of 29	0	24	1000		0			40				63	200
Inorganic																	
pH			pH Units	No GAC	-	6.8	8.6		0			8.1				7.8	8.1
Cyanide	24	C (free, a	mg/kg	18 of 29	0	<0.1	8.1		0			0.2				0.6	2.2
Complex Cyanide			mg/kg	No GAC	-	<0.2	2.2		0			<0.2				0.5	2.2
Cyanide Free	24	GAC (acu	mg/kg	1 of 4	0	<0.1	<0.1		0			<0.1				0.1	<0.1
Thiocyanate			mg/kg	No GAC	-	<0.6	1.4		0			<0.6				1.4	<0.6
Boron	46200	AGAC	mg/kg	24 of 29	0	<0.2	1.5		0			0.3				0.4	0.4
Total Organic Carbon			%	No GAC	-	0.1	38		0			2.1			1.2	11	14
Ortho Phosphate as P			mg/kg	No GAC	-				0								
Asbestos																	
Asbestos Quantification (Total %)			%	No GAC	-	0.007	0.007		0								0.007
Asbestos (Presence of)			---	No GAC	-				0			NAD				NAD	Chrysotile
Asbestos Analysts Comments			---	No GAC	-				0	Chrysotile in microsc		na				na	Chrysotile fibres
Phenol and mineral oils																	
Phenol	1300	(direct co	mg/kg	0 of 4	0	<0.1	<0.1		0			<0.1				<0.1	
Phenol (Monohydric)	1300	(direct co	mg/kg	7 of 29	0	<0.3	12		0			<0.3				<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-				0								
Cresols			mg/kg	No GAC	-				0								
TPH																	
Aliphatics >C10-12	24300	AGAC	mg/kg	1 of 17	0	<1.5	<1.5	283.0	0			<1.5				<1.5	<1.5
Aliphatics >C12-16	25700	AGAC	mg/kg	2 of 17	0	<1.2	7.1	142.0	0			<1.2				<1.2	<1.2
Aliphatics >C16-21	494000	C (Ali >C1	mg/kg	2 of 17	0	<1.5	110		0			<1.5				<1.5	<1.5
Aliphatics >C21-35	494000	C (Ali >C1	mg/kg	1 of 17	0	<3.4	110		0			<3.4				<3.4	<3.4
Aliphatics >C35-44	49400	C (Ali >C1	mg/kg	0 of 11	0	<3.4	<3.4		0			<3.4				<3.4	<3.4
Aliphatics >C5-35			mg/kg	No GAC	-	<10	220		0								
Aliphatics >C5-6	181000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	1150.0	0			<0.01				<0.01	<0.01
Aliphatics >C6-8	316000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	736.0	0			<0.01				<0.01	<0.01
Aliphatics >C8-10	21400	AGAC	mg/kg	1 of 17	0	<0.01	4.3	451.0	0			<0.01				<0.01	<0.01
Aromatics >C10-12	10000	GAC/S4U	mg/kg	7 of 17	0	<0.9	27		0			<0.9				<0.9	<0.9
Aromatics >C12-16	10400	AGAC	mg/kg	9 of 17	0	<0.5	42		0			<0.5				<0.5	2.9
Aromatics >C16-21	7770	AGAC	mg/kg	9 of 17	0	<0.6	75		0			<0.6				<0.6	11
Aromatics >C21-35	7850	AGAC	mg/kg	9 of 17	0	<1.4	160		0			<1.4				<1.4	62
Aromatics >C35-44	7850	AGAC	mg/kg	0 of 11	0	<1.4	<1.4		0			<1.4				<1.4	<1.4
Aromatics >C7-8	101000	AC (tolue	mg/kg	0 of 17	0	<0.01	<0.1	4360.0	0			<0.01				<0.01	<0.01
Aromatics >C8-10	9290	AGAC	mg/kg	1 of 17	0	<0.01	1.6	3580.0	0			<0.01				<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_TP204	GEO_TP204	GEO_TP205	GEO_TP205	GEO_TP205	GEO_TP206
										Sample Ref	5	11	2	5	8	2
										Easting	384845.704	384845.704	384849.258	384849.258	384849.258	384828.06
										Northing	399741.07	399741.07	399729.41	399729.41	399729.41	399752.78
										Hole Elevation (mOD)	42.12	42.12	40.96	40.96	40.96	43.375
										Sample Depth (mbgl)	1	3	0.3	1	2	0.3
										Sample Date	09/04/21	09/04/21	12/04/21	12/04/21	12/04/21	07/04/21
										Investigation						
										Geology	MG	MG	MG	MG	MG	MG
TPH >C10-40			mg/kg	No GAC	-	<10	290		0					<10		
Aromatics >C10-44			mg/kg	No GAC	-	<10	130		0			<10			<10	65
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	140		0			<10			<10	65
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	380		0							
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	260		0							
PAH																
Acenaphthene	29900	AGAC	mg/kg	12 of 21	0	<0.03	6.1		0			<0.03			<0.03	1.1
Dibenz-a-h-anthracene	1.36	GAC/S4U	mg/kg	10 of 21	0	<0.03	0.35		0			<0.03			<0.03	0.35
Fluoranthene	6350	AGAC	mg/kg	17 of 21	0	<0.03	13		0			0.03			<0.03	10
Fluorene	20100	AGAC	mg/kg	12 of 21	0	<0.03	4		0			<0.03			<0.03	2.3
Indeno(1,2,3-cd)pyrene	183	AGAC	mg/kg	14 of 21	0	<0.03	1.5		0			<0.03			<0.03	1.5
Phenanthrene	6270	AGAC	mg/kg	16 of 21	0	<0.03	20		0			<0.03			<0.03	14
Pyrene	15200	AGAC	mg/kg	17 of 21	0	<0.03	18		0			0.06			<0.03	18
Napthalene	2950	AGAC	mg/kg	13 of 22	0	<0.01	18	432.0	0			0.02			<0.01	0.35
Pah,Total			mg/kg	No GAC	-	<0.1	95		0			0.28		<1.6	<0.1	75
Acenaphthylene	29900	AGAC	mg/kg	9 of 21	0	<0.03	0.7		0			<0.03			<0.03	0.42
Anthracene	152000	AGAC	mg/kg	13 of 21	0	<0.03	3.7		0			<0.03			<0.03	3.5
Benzo(a)anthracene	62.5	GAC/S4U	mg/kg	16 of 21	0	<0.03	5.3		0			0.03			<0.03	5.3
Benzo (g,h,i) perylene	1570	AGAC	mg/kg	14 of 21	0	<0.03	2.6		0			<0.03			<0.03	2.6
Benzo(a)pyrene	13.2	GAC/S4U	mg/kg	14 of 21	0	<0.03	5.6		0			<0.03			<0.03	5.6
Benzo(b)fluoranthene	16.3	GAC/S4U	mg/kg	15 of 21	0	<0.03	4.2		0			<0.03			<0.03	4.2
Benzo(k)fluoranthene	442	AGAC	mg/kg	14 of 21	0	<0.03	1.6		0			<0.03			<0.03	1.6
Chrysene	121	AGAC	mg/kg	15 of 21	0	<0.03	4.8		0			<0.03			<0.03	4.8
BTEX																
Benzene	113	AGAC	mg/kg	2 of 30	0	<0.01	0.12		0			0.03		<0.01	<0.01	<0.01
Toluene	101000	AGAC	mg/kg	0 of 30	0	<0.01	<0.1	4360.0	0			<0.01		<0.01	<0.01	<0.01
Ethylbenzene	27100	AGAC	mg/kg	2 of 30	0	<0.01	0.22	2840.0	0			0.02		<0.01	<0.01	<0.01
O-Xylene	32600	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2620.0	0			<0.01			<0.01	
Xylene	31500	AC (p-xyle	mg/kg	1 of 29	0	<0.01	0.57	3170.0	0			<0.01		<0.01	<0.01	<0.01
m,p xylenes	31500	AC (p-xyle	mg/kg	0 of 5	0	<0.01	<0.1	3170.0	0			<0.01			<0.01	
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0					<0.04		
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	2070	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			<0.01			<0.01	
1,1,1-Trichloroethane	101000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	6390.0	0			<0.01			<0.01	
1,1,2-Trichloroethane	1480	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			<0.01			<0.01	
1,1-Dichloroethane	31200	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	5600.0	0			<0.01			<0.01	
1,1-Dichloroethene	5860	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			<0.01			<0.01	
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			<0.01	
1,2,3 Trichlorobenzene	1570	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			<0.01			<0.01	
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			<0.01	
1,2,4-Trichlorobenzene	3980	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	1880.0	0			<0.01			<0.01	
1,2,4-Trimethylbenzene	408	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			<0.01			<0.01	
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			<0.01	
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			<0.01	
1,2-Dichlorobenzene	50500	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3240.0	0			<0.01			<0.01	
1,2-Dichloroethane	27.8	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0			<0.01			<0.01	
1,2-Dichloropropane	292	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			<0.01			<0.01	
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			<0.01	
1,3-Dichlorobenzene	392	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			<0.01			<0.01	
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			<0.01	
1,4-Dichlorobenzene	36000	S4UL (inh	mg/kg	0 of 5	0	<0.01	<0.1	1280.0	0			<0.01			<0.01	
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			<0.01	
2,3,4,6-Tetrachlorophenol	1050	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0			<0.1			<0.1	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Hole Ref										GEO_TP204	GEO_TP204	GEO_TP205	GEO_TP205	GEO_TP205	GEO_TP206
Sample Ref										5	11	2	5	8	2
Easting										384845.704	384845.704	384849.258	384849.258	384849.258	384828.06
Northing										399741.07	399741.07	399729.41	399729.41	399729.41	399752.78
Hole Elevation (mOD)										42.12	42.12	40.96	40.96	40.96	43.375
Sample Depth (mbgl)										1	3	0.3	1	2	0.3
Sample Date										09/04/21	09/04/21	12/04/21	12/04/21	12/04/21	07/04/21
Investigation															
Geology										MG	MG	MG	MG	MG	MG
2,4,5-Trichlorophenol	1100	S4UL	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
2,4,6-Trichlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
2,4-Dichlorophenol	1040	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
2,4-Dimethylphenol	9880	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
2,4-Dinitrotoluene	990	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
2,6-Dinitrotoluene	498	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
2-Chloronaphthalene	2750	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
2-Chlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01		<0.01		
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	3.6		0		<0.1		<0.1		
2-Methylphenol	49400	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01		<0.01		
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01		<0.01		
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
4-Nitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
Bis(2-ethylhexyl)phthalate	16800	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
Bromobenzene	3460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.01		<0.01		
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01		<0.01		
Bromodichloromethane	80.9	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.01		<0.01		
Butylbenzylphthalate	259000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
Carbazole			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
Chlorobenzene	2900	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.01		<0.01		
Chloroethene	5.36	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.01		<0.01		
Chloroform	3090	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.01		<0.01		
Di-N-Butyl Phthalate	2630	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
Di-N-Octyl Phthalate	20000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
Dibenzofuran			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01		<0.01		
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01		<0.01		
Diethylphthalate	96000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
Hexachlorobenzene (HCB)	29.7	GAC/S4U	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
Hexachlorobutadiene (HCBD)	50.8	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.01		<0.01		
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
Isopropylbenzene	33800	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2250.0	0		<0.01		<0.01		
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
Methyl tert-butyl ether (MTBE)	117000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	62700.0	0		<0.01		<0.01		
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1		
Pentachlorophenol (PCP)	117	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1		<0.1		
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01		<0.01		
Styrene	6120	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3350.0	0		<0.01		<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
Tetrachloroethene	1460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0
Tetrachloromethane (Carbon Tetra Chlori	396	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0
Tribromomethane	5220	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0
Trichloroethene	115	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0
cis-1,2-Dichloroethene	1040	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
n-propylbenzene	43900	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2330.0	0
trans-1,2-Dichloroethene	2710	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44			mg/kg	No GAC	-	<10	<10		0
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	1.9	2.6		0
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	0.12		0
Iron			mg/kg	No GAC	-				0
Loss on ignition			%	No GAC	-	0.97	16		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-				0
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	<0.01		0
Resorcinol			mg/kg	No GAC	-				0
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-				0
Trimethylphenol			mg/kg	No GAC	-				0
Xylenols & Ethylphenols			mg/kg	No GAC	-				0

Hole Ref	GEO_TP204	GEO_TP204	GEO_TP205	GEO_TP205	GEO_TP205	GEO_TP206
Sample Ref	5	11	2	5	8	2
Easting	384845.704	384845.704	384849.258	384849.258	384849.258	384828.06
Northing	399741.07	399741.07	399729.41	399729.41	399729.41	399752.78
Hole Elevation (mOD)	42.12	42.12	40.96	40.96	40.96	43.375
Sample Depth (mbgl)	1	3	0.3	1	2	0.3
Sample Date	09/04/21	09/04/21	12/04/21	12/04/21	12/04/21	07/04/21
Investigation						
Geology	MG	MG	MG	MG	MG	MG
		<0.01			<0.01	
		<0.01			<0.01	
		<0.01			<0.01	
		<0.01			<0.01	
		<0.01			<0.01	
		<0.01			<0.01	
		<0.01			<0.01	
		<0.01			<0.01	
		<0.01			<0.01	
		<0.01			<0.01	
		<0.01			<0.01	
		<0.1			<0.1	
		<0.1			<0.1	
		<0.1			<0.1	
		<10			<10	<10
	1.9		2.6			
		<0.01			<0.01	<0.01
				3.6		
				<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation		Hole Ref	GEO_TP206A	GEO_TP208	GEO_TP208	GEO_TP212	GEO_TP212	GEO_TP212
											Sample Ref	8	8	16	2	5	10
											Easting	384838.069	384846.625	384846.625	384702.486	384702.486	384702.486
											Northing	399756.435	399752.617	399752.617	399639.937	399639.937	399639.937
											Hole Elevation (mOD)	41.988	41.971	41.971	42.018	42.018	42.018
											Sample Depth (mbgl)	2	2	4	0.3	1	3
											Sample Date	12/04/21	07/04/21	07/04/21	31/03/21	31/03/21	31/03/21
											Investigation						
											Geology	MG	MG	MG	MG	MG	MG
Metal																	
Antimony	3290	AGAC	mg/kg	23 of 29	0	<1	11		0			1.7	1.4	1.1		2.1	3.7
Arsenic	168	AGAC	mg/kg	29 of 29	0	4.7	89		0			11	26	10		89	40
Beryllium	63	GAC/S4U	mg/kg	29 of 29	0	0.3	2.3		0			1.1	1	0.7		1	1.5
Cadmium	532	S4UL	mg/kg	25 of 29	0	<0.1	2.2		0			0.2	0.3	0.2		1	2.2
Chromium	33000	C/S4UL ((	mg/kg	29 of 29	0	7.9	38		0			26	16	11		7.9	18
Chromium - Hexavalent	220	GAC/S4U	mg/kg	0 of 22	0	<1	<1		0			<1	<1			<1	<1
Copper	44400	GAC/S4U	mg/kg	29 of 29	0	12	7500		0			94	37	30		120	170
Lead	1300	C4SL	mg/kg	29 of 29	0	6.2	490		0			27	67	61		110	160
Manganese			mg/kg	No GAC	-				0								
Mercury	240	JL (inorga	mg/kg	23 of 29	0	<0.05	24		0			0.35	0.41	0.21		<0.05	0.26
Nickel	804	AGAC	mg/kg	29 of 29	0	8.5	50		0			38	33	15		33	33
Selenium	1850	AGAC	mg/kg	4 of 29	0	<0.5	3.1		0			<0.5	0.6	<0.5		<0.5	1.2
Vanadium	5000	L (pentava	mg/kg	29 of 29	0	11	110		0			31	25	19		23	53
Zinc	173000	AGAC	mg/kg	29 of 29	0	24	1000		0			67	130	45		530	1000
Inorganic																	
pH			pH Units	No GAC	-	6.8	8.6		0			7.8	8	8.2		6.8	6.9
Cyanide	24	C (free, a	mg/kg	18 of 29	0	<0.1	8.1		0			<0.1	0.1	<0.1		<0.1	0.2
Complex Cyanide			mg/kg	No GAC	-	<0.2	2.2		0			<0.2					
Cyanide Free	24	GAC (acul	mg/kg	1 of 4	0	<0.1	<0.1		0			<0.1					
Thiocyanate			mg/kg	No GAC	-	<0.6	1.4		0			<0.6					
Boron	46200	AGAC	mg/kg	24 of 29	0	<0.2	1.5		0			0.6	0.3	0.3		0.6	0.7
Total Organic Carbon			%	No GAC	-	0.1	38		0			0.8	4.1	2.6	5.3	10	6.1
Ortho Phosphate as P			mg/kg	No GAC	-				0								
Asbestos																	
Asbestos Quantification (Total %)			%	No GAC	-	0.007	0.007		0								
Asbestos (Presence of)			---	No GAC	-				0			NAD	NAD			NAD	NAD
Asbestos Analysts Comments			---	No GAC	-				0	Chrysotile in microsc		na	na			na	na
Phenol and mineral oils																	
Phenol	1300	(direct co	mg/kg	0 of 4	0	<0.1	<0.1		0			<0.1					
Phenol (Monohydric)	1300	(direct co	mg/kg	7 of 29	0	<0.3	12		0			<0.3	<0.3	<0.3		1.2	0.6
Phenols, Total			mg/kg	No GAC	-				0								
Cresols			mg/kg	No GAC	-				0								
TPH																	
Aliphatics >C10-12	24300	AGAC	mg/kg	1 of 17	0	<1.5	<1.5	283.0	0			<1.5				<1.5	
Aliphatics >C12-16	25700	AGAC	mg/kg	2 of 17	0	<1.2	7.1	142.0	0			4.9				<1.2	
Aliphatics >C16-21	494000	C (Ali >C1	mg/kg	2 of 17	0	<1.5	110		0			3.7				<1.5	
Aliphatics >C21-35	494000	C (Ali >C1	mg/kg	1 of 17	0	<3.4	110		0			<3.4				<3.4	
Aliphatics >C35-44	49400	C (Ali >C1	mg/kg	0 of 11	0	<3.4	<3.4		0			<3.4				<3.4	
Aliphatics >C5-35			mg/kg	No GAC	-	<10	220		0								
Aliphatics >C5-6	181000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	1150.0	0			<0.01				<0.01	
Aliphatics >C6-8	316000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	736.0	0			<0.01				<0.01	
Aliphatics >C8-10	21400	AGAC	mg/kg	1 of 17	0	<0.01	4.3	451.0	0			<0.01				<0.01	
Aromatics >C10-12	10000	GAC/S4U	mg/kg	7 of 17	0	<0.9	27		0			3.7				1.2	
Aromatics >C12-16	10400	AGAC	mg/kg	9 of 17	0	<0.5	42		0			31				3	
Aromatics >C16-21	7770	AGAC	mg/kg	9 of 17	0	<0.6	75		0			52				8.3	
Aromatics >C21-35	7850	AGAC	mg/kg	9 of 17	0	<1.4	160		0			59				6.3	
Aromatics >C35-44	7850	AGAC	mg/kg	0 of 11	0	<1.4	<1.4		0			<1.4				<1.4	
Aromatics >C7-8	101000	AC (tolue	mg/kg	0 of 17	0	<0.01	<0.1	4360.0	0			<0.01				<0.01	
Aromatics >C8-10	9290	AGAC	mg/kg	1 of 17	0	<0.01	1.6	3580.0	0			<0.01				<0.01	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_TP206A	GEO_TP208	GEO_TP208	GEO_TP212	GEO_TP212	GEO_TP212
										Sample Ref	8	8	16	2	5	10
										Easting	384838.069	384846.625	384846.625	384702.486	384702.486	384702.486
										Northing	399756.435	399752.617	399752.617	399639.937	399639.937	399639.937
										Hole Elevation (mOD)	41.988	41.971	41.971	42.018	42.018	42.018
										Sample Depth (mbgl)	2	2	4	0.3	1	3
										Sample Date	12/04/21	07/04/21	07/04/21	31/03/21	31/03/21	31/03/21
										Investigation						
										Geology	MG	MG	MG	MG	MG	MG
TPH >C10-40			mg/kg	No GAC	-	<10	290		0					83		
Aromatics >C10-44			mg/kg	No GAC	-	<10	130		0		130				<10	
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	140		0		140				<10	
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	380		0							
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	260		0							
PAH																
Acenaphthene	29900	AGAC	mg/kg	12 of 21	0	<0.03	6.1		0		0.45	<0.03			0.88	0.15
Dibenz-a-h-anthracene	1.36	GAC/S4U	mg/kg	10 of 21	0	<0.03	0.35		0		0.07	<0.03			0.06	<0.03
Fluoranthene	6350	AGAC	mg/kg	17 of 21	0	<0.03	13		0		1.4	0.09			3.8	0.87
Fluorene	20100	AGAC	mg/kg	12 of 21	0	<0.03	4		0		0.75	<0.03			0.59	0.09
Indeno(1,2,3-cd)pyrene	183	AGAC	mg/kg	14 of 21	0	<0.03	1.5		0		0.25	0.08			0.19	0.07
Phenanthrene	6270	AGAC	mg/kg	16 of 21	0	<0.03	20		0		3.2	0.05			5.2	0.98
Pyrene	15200	AGAC	mg/kg	17 of 21	0	<0.03	18		0		3.7	0.28			3.1	0.77
Napthalene	2950	AGAC	mg/kg	13 of 22	0	<0.01	18	432.0	0		0.74	<0.03			5.7	0.63
Pah,Total			mg/kg	No GAC	-	<0.1	95		0		17	1.1		14	24	4.7
Acenaphthylene	29900	AGAC	mg/kg	9 of 21	0	<0.03	0.7		0		0.37	<0.03			<0.03	<0.03
Anthracene	152000	AGAC	mg/kg	13 of 21	0	<0.03	3.7		0		0.55	<0.03			0.86	0.16
Benzo(a)anthracene	62.5	GAC/S4U	mg/kg	16 of 21	0	<0.03	5.3		0		0.65	0.08			1	0.23
Benzo (g,h,i) perylene	1570	AGAC	mg/kg	14 of 21	0	<0.03	2.6		0		0.51	0.14			0.19	0.07
Benzo(a)pyrene	13.2	GAC/S4U	mg/kg	14 of 21	0	<0.03	5.6		0		0.61	0.12			0.5	0.13
Benzo(b)fluoranthene	16.3	GAC/S4U	mg/kg	15 of 21	0	<0.03	4.2		0		0.59	0.15			0.72	0.18
Benzo(k)fluoranthene	442	AGAC	mg/kg	14 of 21	0	<0.03	1.6		0		0.14	0.05			0.26	0.07
Chrysene	121	AGAC	mg/kg	15 of 21	0	<0.03	4.8		0		0.72	0.07			1.2	0.29
BTEX																
Benzene	113	AGAC	mg/kg	2 of 30	0	<0.01	0.12		0		<0.01	<0.01		<0.01	<0.01	<0.01
Toluene	101000	AGAC	mg/kg	0 of 30	0	<0.01	<0.1	4360.0	0		<0.01	<0.01		<0.01	<0.01	<0.01
Ethylbenzene	27100	AGAC	mg/kg	2 of 30	0	<0.01	0.22	2840.0	0		<0.01	<0.01		<0.01	<0.01	<0.01
O-Xylene	32600	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2620.0	0		<0.1					
Xylene	31500	AC (p-xyle	mg/kg	1 of 29	0	<0.01	0.57	3170.0	0		<0.01	<0.01		<0.01	<0.01	<0.01
m,p xylenes	31500	AC (p-xyle	mg/kg	0 of 5	0	<0.01	<0.1	3170.0	0		<0.1					
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0					<0.04		
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	2070	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,1,1-Trichloroethane	101000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	6390.0	0		<0.1					
1,1,2-Trichloroethane	1480	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,1-Dichloroethane	31200	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	5600.0	0		<0.1					
1,1-Dichloroethene	5860	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
1,2,3 Trichlorobenzene	1570	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
1,2,4-Trichlorobenzene	3980	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	1880.0	0		<0.1					
1,2,4-Trimethylbenzene	408	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
1,2-Dichlorobenzene	50500	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3240.0	0		<0.1					
1,2-Dichloroethane	27.8	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,2-Dichloropropane	292	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
1,3-Dichlorobenzene	392	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		<0.1					
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
1,4-Dichlorobenzene	36000	S4UL (inh	mg/kg	0 of 5	0	<0.01	<0.1	1280.0	0		<0.1					
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
2,3,4,6-Tetrachlorophenol	1050	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		<0.1					

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	
Hole Ref										GEO_TP206A
Sample Ref										8
Easting										384838.069
Northing										399756.435
Hole Elevation (mOD)										41.988
Sample Depth (mbgl)										2
Sample Date										12/04/21
Investigation										
Geology										MG
2,4,5-Trichlorophenol	1100	S4UL	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2,4,6-Trichlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2,4-Dichlorophenol	1040	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2,4-Dimethylphenol	9880	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2,4-Dinitrotoluene	990	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2,6-Dinitrotoluene	498	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2-Chloronaphthalene	2750	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2-Chlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	3.6		0	3.6
2-Methylphenol	49400	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
4-Nitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Bis(2-ethylhexyl)phthalate	16800	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Bromobenzene	3460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
Bromodichloromethane	80.9	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1
Butylbenzylphthalate	259000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Carbazole			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Chlorobenzene	2900	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1
Chloroethene	5.36	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1
Chloroform	3090	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1
Di-N-Butyl Phthalate	2630	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Di-N-Octyl Phthalate	20000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Dibenzofuran			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
Diethylphthalate	96000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Hexachlorobenzene (HCB)	29.7	GAC/S4U	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Hexachlorobutadiene (HCBD)	50.8	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Isopropylbenzene	33800	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2250.0	0	<0.1
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Methyl tert-butyl ether (MTBE)	117000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	62700.0	0	<0.1
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1
Pentachlorophenol (PCP)	117	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0	<0.1
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1
Styrene	6120	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3350.0	0	<0.1

GEO_TP208	GEO_TP208	GEO_TP212	GEO_TP212	GEO_TP212		
8	16	2	5	10		
384846.625	384846.625	384702.486	384702.486	384702.486		
399752.617	399752.617	399639.937	399639.937	399639.937		
41.971	41.971	42.018	42.018	42.018		
2	4	0.3	1	3		
07/04/21	07/04/21	31/03/21	31/03/21	31/03/21		
MG	MG	MG	MG	MG		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref: GEO_TP206A	Hole Ref: GEO_TP208	Hole Ref: GEO_TP208	Hole Ref: GEO_TP212	Hole Ref: GEO_TP212	Hole Ref: GEO_TP212
Sample Ref										8	8	16	2	5	10
Easting										384838.069	384846.625	384846.625	384702.486	384702.486	384702.486
Northing										399756.435	399752.617	399752.617	399639.937	399639.937	399639.937
Hole Elevation (mOD)										41.988	41.971	41.971	42.018	42.018	42.018
Sample Depth (mbgl)										2	2	4	0.3	1	3
Sample Date										12/04/21	07/04/21	07/04/21	31/03/21	31/03/21	31/03/21
Investigation															
Geology										MG	MG	MG	MG	MG	MG
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1					
Tetrachloroethene	1460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1					
Tetrachloromethane (Carbon Tetra Chlori	396	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1					
Tribromomethane	5220	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1					
Trichloroethene	115	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1					
cis-1,2-Dichloroethene	1040	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1					
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1					
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1					
n-propylbenzene	43900	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2330.0	0	<0.1					
trans-1,2-Dichloroethene	2710	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0	<0.1					
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.1					
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Aliphatics >C10-44			mg/kg	No GAC	-	<10	<10		0	<10				<10	
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	1.9	2.6		0						
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	0.12		0	<0.01				<0.01	
Iron			mg/kg	No GAC	-				0						
Loss on ignition			%	No GAC	-	0.97	16		0				16		
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-				0						
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	<0.01		0				<0.01		
Resorcinol			mg/kg	No GAC	-				0						
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-				0						
Trimethylphenol			mg/kg	No GAC	-				0						
Xylenols & Ethylphenols			mg/kg	No GAC	-				0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Metal															
Antimony	3290	AGAC	mg/kg	23 of 29	0	<1	11		0			1.2	<1	1.2	<1
Arsenic	168	AGAC	mg/kg	29 of 29	0	4.7	89		0			8.1	4.9	7.3	6.5
Beryllium	63	.GAC/S4U	mg/kg	29 of 29	0	0.3	2.3		0			0.9	0.5	0.9	0.4
Cadmium	532	S4UL	mg/kg	25 of 29	0	<0.1	2.2		0			0.1	<0.1	0.2	<0.1
Chromium	33000	C/S4UL ((	mg/kg	29 of 29	0	7.9	38		0			23	9.9	25	14
Chromium - Hexavalent	220	.GAC/S4U	mg/kg	0 of 22	0	<1	<1		0			<1			<1
Copper	44400	.GAC/S4U	mg/kg	29 of 29	0	12	7500		0			28	20	27	15
Lead	1300	C4SL	mg/kg	29 of 29	0	6.2	490		0			25	30	11	11
Manganese			mg/kg	No GAC	-				0						
Mercury	240	JL (inorga	mg/kg	23 of 29	0	<0.05	24		0			0.07	0.07	<0.05	<0.05
Nickel	804	AGAC	mg/kg	29 of 29	0	8.5	50		0			26	13	30	13
Selenium	1850	AGAC	mg/kg	4 of 29	0	<0.5	3.1		0			<0.5	<0.5	<0.5	<0.5
Vanadium	5000	L (pentava	mg/kg	29 of 29	0	11	110		0			27	13	27	19
Zinc	173000	AGAC	mg/kg	29 of 29	0	24	1000		0			54	27	55	43
Inorganic															
pH			pH Units	No GAC	-	6.8	8.6		0			7.7	8	8	7.9
Cyanide	24	.C (free, a	mg/kg	18 of 29	0	<0.1	8.1		0			<0.1	<0.1	<0.1	<0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	2.2		0						
Cyanide Free	24	GAC (acul	mg/kg	1 of 4	0	<0.1	<0.1		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.4		0						
Boron	46200	AGAC	mg/kg	24 of 29	0	<0.2	1.5		0			0.2	0.5	0.7	0.5
Total Organic Carbon			%	No GAC	-	0.1	38		0		14	0.9	2.3	0.9	2.1	0.4
Ortho Phosphate as P			mg/kg	No GAC	-				0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	0.007	0.007		0						
Asbestos (Presence of)			---	No GAC	-				0			NAD			NAD
Asbestos Analysts Comments			---	No GAC	-				0	Chrysotile in microsc		na			na
Phenol and mineral oils															
Phenol	1300	(direct co	mg/kg	0 of 4	0	<0.1	<0.1		0						
Phenol (Monohydric)	1300	(direct co	mg/kg	7 of 29	0	<0.3	12		0			<0.3	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-				0						
Cresols			mg/kg	No GAC	-				0						
TPH															
Aliphatics >C10-12	24300	AGAC	mg/kg	1 of 17	0	<1.5	<1.5	283.0	0			<1.5			<1.5
Aliphatics >C12-16	25700	AGAC	mg/kg	2 of 17	0	<1.2	7.1	142.0	0			<1.2			<1.2
Aliphatics >C16-21	494000	C (Ali >C1	mg/kg	2 of 17	0	<1.5	110		0			<1.5			<1.5
Aliphatics >C21-35	494000	C (Ali >C1	mg/kg	1 of 17	0	<3.4	110		0			<3.4			<3.4
Aliphatics >C35-44	49400	C (Ali >C1	mg/kg	0 of 11	0	<3.4	<3.4		0			<3.4			<3.4
Aliphatics >C5-35			mg/kg	No GAC	-	<10	220		0						
Aliphatics >C5-6	181000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	1150.0	0			<0.01			<0.01
Aliphatics >C6-8	316000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	736.0	0			<0.01			<0.01
Aliphatics >C8-10	21400	AGAC	mg/kg	1 of 17	0	<0.01	4.3	451.0	0			<0.01			<0.01
Aromatics >C10-12	10000	.GAC/S4U	mg/kg	7 of 17	0	<0.9	27		0			<0.9			<0.9
Aromatics >C12-16	10400	AGAC	mg/kg	9 of 17	0	<0.5	42		0			<0.5			<0.5
Aromatics >C16-21	7770	AGAC	mg/kg	9 of 17	0	<0.6	75		0			<0.6			<0.6
Aromatics >C21-35	7850	AGAC	mg/kg	9 of 17	0	<1.4	160		0			<1.4			<1.4
Aromatics >C35-44	7850	AGAC	mg/kg	0 of 11	0	<1.4	<1.4		0			<1.4			<1.4
Aromatics >C7-8	101000	AC (tolue	mg/kg	0 of 17	0	<0.01	<0.1	4360.0	0			<0.01			<0.01
Aromatics >C8-10	9290	AGAC	mg/kg	1 of 17	0	<0.01	1.6	3580.0	0			<0.01			<0.01

Hole Ref	GEO_WS202	GEO_WS202	GEO_WS202	GEO_WS202	GEO_WS204	GEO_WS204
Sample Ref	2	4	7	13	14	11
Easting	384863.207	384863.207	384863.207	384863.207	384794	384794
Northing	399774.214	399774.214	399774.214	399774.214	399589.43	399589.43
Hole Elevation (mOD)	41.57	41.57	41.57	41.57	32.84	32.84
Sample Depth (mbgl)	0.3	0.5	2	5	1	3
Sample Date	16/04/21	16/04/21	28/04/21	28/04/21	31/03/21	
Investigation						
Geology	MG	MG	MG	MG	MG	MG

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_WS202	GEO_WS202	GEO_WS202	GEO_WS202	GEO_WS204	GEO_WS204
										Sample Ref	2	4	7	13	14	11
										Easting	384863.207	384863.207	384863.207	384863.207	384794	384794
										Northing	399774.214	399774.214	399774.214	399774.214	399589.43	399589.43
										Hole Elevation (mOD)	41.57	41.57	41.57	41.57	32.84	32.84
										Sample Depth (mbgl)	0.3	0.5	2	5	1	3
										Sample Date	16/04/21	16/04/21	28/04/21	28/04/21	31/03/21	
										Investigation						
										Geology	MG	MG	MG	MG	MG	MG
TPH >C10-40			mg/kg	No GAC	-	<10	290		0		210				140	
Aromatics >C10-44			mg/kg	No GAC	-	<10	130		0			<10				<10
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	140		0			<10				<10
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	380		0							
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	260		0							
PAH																
Acenaphthene	29900	AGAC	mg/kg	12 of 21	0	<0.03	6.1		0			<0.03				<0.03
Dibenz-a-h-anthracene	1.36	GAC/S4U	mg/kg	10 of 21	0	<0.03	0.35		0			<0.03				<0.03
Fluoranthene	6350	AGAC	mg/kg	17 of 21	0	<0.03	13		0			<0.03				<0.03
Fluorene	20100	AGAC	mg/kg	12 of 21	0	<0.03	4		0			<0.03				<0.03
Indeno(1,2,3-cd)pyrene	183	AGAC	mg/kg	14 of 21	0	<0.03	1.5		0			<0.03				<0.03
Phenanthrene	6270	AGAC	mg/kg	16 of 21	0	<0.03	20		0			<0.03				<0.03
Pyrene	15200	AGAC	mg/kg	17 of 21	0	<0.03	18		0			<0.03				<0.03
Napthalene	2950	AGAC	mg/kg	13 of 22	0	<0.01	18	432.0	0			<0.03				<0.03
Pah,Total			mg/kg	No GAC	-	<0.1	95		0		27	<0.1			22	<0.1
Acenaphthylene	29900	AGAC	mg/kg	9 of 21	0	<0.03	0.7		0			<0.03				<0.03
Anthracene	152000	AGAC	mg/kg	13 of 21	0	<0.03	3.7		0			<0.03				<0.03
Benzo(a)anthracene	62.5	GAC/S4U	mg/kg	16 of 21	0	<0.03	5.3		0			<0.03				<0.03
Benzo (g,h,i) perylene	1570	AGAC	mg/kg	14 of 21	0	<0.03	2.6		0			<0.03				<0.03
Benzo(a)pyrene	13.2	GAC/S4U	mg/kg	14 of 21	0	<0.03	5.6		0			<0.03				<0.03
Benzo(b)fluoranthene	16.3	GAC/S4U	mg/kg	15 of 21	0	<0.03	4.2		0			<0.03				<0.03
Benzo(k)fluoranthene	442	AGAC	mg/kg	14 of 21	0	<0.03	1.6		0			<0.03				<0.03
Chrysene	121	AGAC	mg/kg	15 of 21	0	<0.03	4.8		0			<0.03				<0.03
BTEX																
Benzene	113	AGAC	mg/kg	2 of 30	0	<0.01	0.12		0		<0.01	<0.01			<0.01	<0.01
Toluene	101000	AGAC	mg/kg	0 of 30	0	<0.01	<0.1	4360.0	0		<0.01	<0.01			<0.01	<0.01
Ethylbenzene	27100	AGAC	mg/kg	2 of 30	0	<0.01	0.22	2840.0	0		<0.01	<0.01			<0.01	<0.01
O-Xylene	32600	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2620.0	0							
Xylene	31500	AC (p-xyle	mg/kg	1 of 29	0	<0.01	0.57	3170.0	0		<0.01	<0.01			<0.01	<0.01
m,p xylenes	31500	AC (p-xyle	mg/kg	0 of 5	0	<0.01	<0.1	3170.0	0							
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0		<0.04				<0.04	
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	2070	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,1,1-Trichloroethane	101000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	6390.0	0							
1,1,2-Trichloroethane	1480	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,1-Dichloroethane	31200	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	5600.0	0							
1,1-Dichloroethene	5860	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,3 Trichlorobenzene	1570	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,4-Trichlorobenzene	3980	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	1880.0	0							
1,2,4-Trimethylbenzene	408	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2-Dichlorobenzene	50500	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3240.0	0							
1,2-Dichloroethane	27.8	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,2-Dichloropropane	292	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0							
1,3-Dichlorobenzene	392	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,4-Dichlorobenzene	36000	S4UL (inh	mg/kg	0 of 5	0	<0.01	<0.1	1280.0	0							
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
2,3,4,6-Tetrachlorophenol	1050	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref						GEO_WS202	GEO_WS202	GEO_WS202	GEO_WS202	GEO_WS204	GEO_WS204
Sample Ref						2	4	7	13	14	11
Easting						384863.207	384863.207	384863.207	384863.207	384794	384794
Northing						399774.214	399774.214	399774.214	399774.214	399589.43	399589.43
Hole Elevation (mOD)						41.57	41.57	41.57	41.57	32.84	32.84
Sample Depth (mbgl)						0.3	0.5	2	5	1	3
Sample Date						16/04/21	16/04/21	28/04/21	28/04/21	31/03/21	
Investigation											
Geology						MG	MG	MG	MG	MG	MG
2,4,5-Trichlorophenol	1100	S4UL	mg/kg	0 of 4	0	<0.1	<0.1		0		
2,4,6-Trichlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2,4-Dichlorophenol	1040	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2,4-Dimethylphenol	9880	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2,4-Dinitrotoluene	990	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2,6-Dinitrotoluene	498	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2-Chloronaphthalene	2750	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2-Chlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0		
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0		
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	3.6		0		
2-Methylphenol	49400	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0		
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0		
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0		
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0		
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0		
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0		
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0		
4-Nitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0		
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0		
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0		
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0		
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0		
Bis(2-ethylhexyl)phthalate	16800	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
Bromobenzene	3460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0		
Bromodichloromethane	80.9	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		
Butylbenzylphthalate	259000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
Carbazole			mg/kg	No GAC	-	<0.1	<0.1		0		
Chlorobenzene	2900	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		
Chloroethene	5.36	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		
Chloroform	3090	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		
Di-N-Butyl Phthalate	2630	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
Di-N-Octyl Phthalate	20000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
Dibenzofuran			mg/kg	No GAC	-	<0.1	<0.1		0		
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0		
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0		
Diethylphthalate	96000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0		
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0		
Hexachlorobenzene (HCB)	29.7	GAC/S4U	mg/kg	0 of 4	0	<0.1	<0.1		0		
Hexachlorobutadiene (HCBD)	50.8	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0		
Isopropylbenzene	33800	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2250.0	0		
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		
Methyl tert-butyl ether (MTBE)	117000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	62700.0	0		
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		
Pentachlorophenol (PCP)	117	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0		
Styrene	6120	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3350.0	0		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	Sample Ref	Easting	Northing	Hole Elevation (mOD)	Sample Depth (mbgl)	Sample Date	Investigation	Geology
										GEO_WS202	GEO_WS202	GEO_WS202	GEO_WS202	GEO_WS204	GEO_WS204			
										2	4	7	13	14	11			
										384863.207	384863.207	384863.207	384863.207	384794	384794			
										399774.214	399774.214	399774.214	399774.214	399589.43	399589.43			
										41.57	41.57	41.57	41.57	32.84	32.84			
										0.3	0.5	2	5	1	3			
										16/04/21	16/04/21	28/04/21	28/04/21	31/03/21				
										MG	MG	MG	MG	MG	MG			
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0									
Tetrachloroethene	1460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0									
Tetrachloromethane (Carbon Tetra Chlori	396	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0									
Tribromomethane	5220	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0									
Trichloroethene	115	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0									
cis-1,2-Dichloroethene	1040	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0									
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0									
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0									
n-propylbenzene	43900	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2330.0	0									
trans-1,2-Dichloroethene	2710	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0									
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0									
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0									
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0									
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0									
Aliphatics >C10-44			mg/kg	No GAC	-	<10	<10		0		<10							<10
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	1.9	2.6		0									
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	0.12		0		<0.01							<0.01
Iron			mg/kg	No GAC	-				0									
Loss on ignition			%	No GAC	-	0.97	16		0	11				6.4				
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-				0									
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	<0.01		0	<0.01				<0.01				
Resorcinol			mg/kg	No GAC	-				0									
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-				0									
Trimethylphenol			mg/kg	No GAC	-				0									
Xylenols & Ethylphenols			mg/kg	No GAC	-				0									

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	GEO_WS206	GEO_WS206	GEO_WS206	GEO_WS211	GEO_WS211	GEO_WS212
Sample Ref	5	8	14	12	14	2
Easting	384832.42	384832.42	384832.42	384557.31	384557.31	384501.81
Northing	399627.42	399627.42	399627.42	399564.31	399564.31	399529.03
Hole Elevation (mOD)	32.61	32.61	32.61	39.91	39.91	39.89
Sample Depth (mbgl)	1	2	4	4	5	0.2
Sample Date	31/03/21	31/03/21	31/03/21	28/04/21	28/04/21	16/04/21
Investigation						
Geology	MG	MG	MG	MG	MG	MG

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Metal															
Antimony	3290	AGAC	mg/kg	23 of 29	0	<1	11		0		<1		<1	1	2.8	4.3
Arsenic	168	AGAC	mg/kg	29 of 29	0	4.7	89		0		6.2		5.8	11	21	28
Beryllium	63	GAC/S4U	mg/kg	29 of 29	0	0.3	2.3		0		0.6		0.3	0.7	1.6	2.3
Cadmium	532	S4UL	mg/kg	25 of 29	0	<0.1	2.2		0		0.1		<0.1	0.2	0.4	1.2
Chromium	33000	C/S4UL ((	mg/kg	29 of 29	0	7.9	38		0		12		8.2	15	18	16
Chromium - Hexavalent	220	GAC/S4U	mg/kg	0 of 22	0	<1	<1		0		<1		<1			<1
Copper	44400	GAC/S4U	mg/kg	29 of 29	0	12	7500		0		20		12	39	96	240
Lead	1300	C4SL	mg/kg	29 of 29	0	6.2	490		0		43		6.2	55	41	170
Manganese			mg/kg	No GAC	-				0							
Mercury	240	JL (inorga	mg/kg	23 of 29	0	<0.05	24		0		<0.05		0.12	0.09	0.14	0.92
Nickel	804	AGAC	mg/kg	29 of 29	0	8.5	50		0		14		8.5	20	43	38
Selenium	1850	AGAC	mg/kg	4 of 29	0	<0.5	3.1		0		<0.5		<0.5	<0.5	<0.5	<0.5
Vanadium	5000	L (pentava	mg/kg	29 of 29	0	11	110		0		16		11	20	45	54
Zinc	173000	AGAC	mg/kg	29 of 29	0	24	1000		0		47		24	48	100	150
Inorganic																
pH			pH Units	No GAC	-	6.8	8.6		0		8		7.8	7.2	7.8	7.5
Cyanide	24	C (free, a	mg/kg	18 of 29	0	<0.1	8.1		0		0.1		<0.1	0.1	<0.1	0.2
Complex Cyanide			mg/kg	No GAC	-	<0.2	2.2		0							
Cyanide Free	24	GAC (acul	mg/kg	1 of 4	0	<0.1	<0.1		0							
Thiocyanate			mg/kg	No GAC	-	<0.6	1.4		0							
Boron	46200	AGAC	mg/kg	24 of 29	0	<0.2	1.5		0		<0.2		0.4	0.2	<0.2	0.5
Total Organic Carbon			%	No GAC	-	0.1	38		0		0.3	0.1	0.7	8.6	2.8	38
Ortho Phosphate as P			mg/kg	No GAC	-				0							
Asbestos																
Asbestos Quantification (Total %)			%	No GAC	-	0.007	0.007		0							
Asbestos (Presence of)			---	No GAC	-				0		NAD		NAD	NAD		NAD
Asbestos Analysts Comments			---	No GAC	-				0	Chrysotile in microsc	na		na	na		na
Phenol and mineral oils																
Phenol	1300	(direct co	mg/kg	0 of 4	0	<0.1	<0.1		0							
Phenol (Monohydric)	1300	(direct co	mg/kg	7 of 29	0	<0.3	12		0		<0.3		<0.3	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-				0							
Cresols			mg/kg	No GAC	-				0							
TPH																
Aliphatics >C10-12	24300	AGAC	mg/kg	1 of 17	0	<1.5	<1.5	283.0	0				<1.5			<1.5
Aliphatics >C12-16	25700	AGAC	mg/kg	2 of 17	0	<1.2	7.1	142.0	0				<1.2			<1.2
Aliphatics >C16-21	494000	C (Ali >C1	mg/kg	2 of 17	0	<1.5	110		0				<1.5			<1.5
Aliphatics >C21-35	494000	C (Ali >C1	mg/kg	1 of 17	0	<3.4	110		0				<3.4			<3.4
Aliphatics >C35-44	49400	C (Ali >C1	mg/kg	0 of 11	0	<3.4	<3.4		0				<3.4			<3.4
Aliphatics >C5-35			mg/kg	No GAC	-	<10	220		0							
Aliphatics >C5-6	181000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	1150.0	0				<0.01			<0.01
Aliphatics >C6-8	316000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	736.0	0				<0.01			<0.01
Aliphatics >C8-10	21400	AGAC	mg/kg	1 of 17	0	<0.01	4.3	451.0	0				<0.01			<0.01
Aromatics >C10-12	10000	GAC/S4U	mg/kg	7 of 17	0	<0.9	27		0				<0.9			<0.9
Aromatics >C12-16	10400	AGAC	mg/kg	9 of 17	0	<0.5	42		0				<0.5			3.8
Aromatics >C16-21	7770	AGAC	mg/kg	9 of 17	0	<0.6	75		0				<0.6			21
Aromatics >C21-35	7850	AGAC	mg/kg	9 of 17	0	<1.4	160		0				<1.4			45
Aromatics >C35-44	7850	AGAC	mg/kg	0 of 11	0	<1.4	<1.4		0				<1.4			<1.4
Aromatics >C7-8	101000	AC (tolue	mg/kg	0 of 17	0	<0.01	<0.1	4360.0	0				<0.01			<0.01
Aromatics >C8-10	9290	AGAC	mg/kg	1 of 17	0	<0.01	1.6	3580.0	0				<0.01			<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_WS206	GEO_WS206	GEO_WS206	GEO_WS211	GEO_WS211	GEO_WS212
										Sample Ref	5	8	14	12	14	2
										Easting	384832.42	384832.42	384832.42	384557.31	384557.31	384501.81
										Northing	399627.42	399627.42	399627.42	399564.31	399564.31	399529.03
										Hole Elevation (mOD)	32.61	32.61	32.61	39.91	39.91	39.89
										Sample Depth (mbgl)	1	2	4	4	5	0.2
										Sample Date	31/03/21	31/03/21	31/03/21	28/04/21	28/04/21	16/04/21
										Investigation						
										Geology	MG	MG	MG	MG	MG	MG
TPH >C10-40			mg/kg	No GAC	-	<10	290		0			<10				
Aromatics >C10-44			mg/kg	No GAC	-	<10	130		0				<10			59
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	140		0				<10			59
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	380		0							
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	260		0							
PAH																
Acenaphthene	29900	AGAC	mg/kg	12 of 21	0	<0.03	6.1		0		0.11		<0.03	<0.03		1.9
Dibenz-a-h-anthracene	1.36	GAC/S4U	mg/kg	10 of 21	0	<0.03	0.35		0		0.04		<0.03	<0.03		0.09
Fluoranthene	6350	AGAC	mg/kg	17 of 21	0	<0.03	13		0		1.1		<0.03	0.12		5.1
Fluorene	20100	AGAC	mg/kg	12 of 21	0	<0.03	4		0		0.1		<0.03	<0.03		1.6
Indeno(1,2,3-cd)pyrene	183	AGAC	mg/kg	14 of 21	0	<0.03	1.5		0		0.14		<0.03	<0.03		0.35
Phenanthrene	6270	AGAC	mg/kg	16 of 21	0	<0.03	20		0		0.95		<0.03	0.13		8.6
Pyrene	15200	AGAC	mg/kg	17 of 21	0	<0.03	18		0		0.95		<0.03	0.12		5.6
Napthalene	2950	AGAC	mg/kg	13 of 22	0	<0.01	18	432.0	0		0.13		<0.03	0.04		5.5
Pah,Total			mg/kg	No GAC	-	<0.1	95		0		5.4	<1.6	<0.1	0.55		37
Acenaphthylene	29900	AGAC	mg/kg	9 of 21	0	<0.03	0.7		0		0.03		<0.03	<0.03		0.05
Anthracene	152000	AGAC	mg/kg	13 of 21	0	<0.03	3.7		0		0.18		<0.03	<0.03		1.8
Benzo(a)anthracene	62.5	GAC/S4U	mg/kg	16 of 21	0	<0.03	5.3		0		0.35		<0.03	0.04		1.7
Benzo (g,h,i) perylene	1570	AGAC	mg/kg	14 of 21	0	<0.03	2.6		0		0.17		<0.03	<0.03		0.38
Benzo(a)pyrene	13.2	GAC/S4U	mg/kg	14 of 21	0	<0.03	5.6		0		0.28		<0.03	<0.03		0.97
Benzo(b)fluoranthene	16.3	GAC/S4U	mg/kg	15 of 21	0	<0.03	4.2		0		0.37		<0.03	0.05		1.3
Benzo(k)fluoranthene	442	AGAC	mg/kg	14 of 21	0	<0.03	1.6		0		0.14		<0.03	<0.03		0.53
Chrysene	121	AGAC	mg/kg	15 of 21	0	<0.03	4.8		0		0.42		<0.03	0.06		1.6
BTEX																
Benzene	113	AGAC	mg/kg	2 of 30	0	<0.01	0.12		0		<0.01	<0.01	<0.01	<0.01		<0.01
Toluene	101000	AGAC	mg/kg	0 of 30	0	<0.01	<0.1	4360.0	0		<0.01	<0.01	<0.01	<0.01		<0.01
Ethylbenzene	27100	AGAC	mg/kg	2 of 30	0	<0.01	0.22	2840.0	0		<0.01	<0.01	<0.01	<0.01		<0.01
O-Xylene	32600	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2620.0	0							
Xylene	31500	AC (p-xyle	mg/kg	1 of 29	0	<0.01	0.57	3170.0	0		<0.01	<0.01	<0.01	<0.01		<0.01
m,p xylenes	31500	AC (p-xyle	mg/kg	0 of 5	0	<0.01	<0.1	3170.0	0							
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0			<0.04				
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	2070	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,1,1-Trichloroethane	101000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	6390.0	0							
1,1,2-Trichloroethane	1480	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,1-Dichloroethane	31200	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	5600.0	0							
1,1-Dichloroethene	5860	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,3 Trichlorobenzene	1570	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,4-Trichlorobenzene	3980	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	1880.0	0							
1,2,4-Trimethylbenzene	408	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2-Dichlorobenzene	50500	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3240.0	0							
1,2-Dichloroethane	27.8	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,2-Dichloropropane	292	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0							
1,3-Dichlorobenzene	392	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0							
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,4-Dichlorobenzene	36000	S4UL (inh	mg/kg	0 of 5	0	<0.01	<0.1	1280.0	0							
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
2,3,4,6-Tetrachlorophenol	1050	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref						GEO_WS206	GEO_WS206	GEO_WS206	GEO_WS211	GEO_WS211	GEO_WS212
Sample Ref						5	8	14	12	14	2
Easting						384832.42	384832.42	384832.42	384557.31	384557.31	384501.81
Northing						399627.42	399627.42	399627.42	399564.31	399564.31	399529.03
Hole Elevation (mOD)						32.61	32.61	32.61	39.91	39.91	39.89
Sample Depth (mbgl)						1	2	4	4	5	0.2
Sample Date						31/03/21	31/03/21	31/03/21	28/04/21	28/04/21	16/04/21
Investigation											
Geology						MG	MG	MG	MG	MG	MG
2,4,5-Trichlorophenol	1100	S4UL	mg/kg	0 of 4	0	<0.1	<0.1		0		
2,4,6-Trichlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2,4-Dichlorophenol	1040	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2,4-Dimethylphenol	9880	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2,4-Dinitrotoluene	990	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2,6-Dinitrotoluene	498	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2-Chloronaphthalene	2750	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2-Chlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0		
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0		
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	3.6		0		
2-Methylphenol	49400	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0		
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0		
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0		
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0		
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0		
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0		
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0		
4-Nitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0		
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0		
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0		
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0		
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0		
Bis(2-ethylhexyl)phthalate	16800	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
Bromobenzene	3460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0		
Bromodichloromethane	80.9	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		
Butylbenzylphthalate	259000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
Carbazole			mg/kg	No GAC	-	<0.1	<0.1		0		
Chlorobenzene	2900	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		
Chloroethene	5.36	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		
Chloroform	3090	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		
Di-N-Butyl Phthalate	2630	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
Di-N-Octyl Phthalate	20000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
Dibenzofuran			mg/kg	No GAC	-	<0.1	<0.1		0		
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0		
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0		
Diethylphthalate	96000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0		
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0		
Hexachlorobenzene (HCB)	29.7	GAC/S4U	mg/kg	0 of 4	0	<0.1	<0.1		0		
Hexachlorobutadiene (HCBD)	50.8	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0		
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0		
Isopropylbenzene	33800	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2250.0	0		
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		
Methyl tert-butyl ether (MTBE)	117000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	62700.0	0		
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		
Pentachlorophenol (PCP)	117	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0		
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0		
Styrene	6120	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3350.0	0		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	Sample Ref	Easting	Northing	Hole Elevation (mOD)	Sample Depth (mbgl)	Sample Date	Investigation	Geology
										GEO_WS206	5	384832.42	399627.42	32.61	1	31/03/21		MG
										GEO_WS206	8	384832.42	399627.42	32.61	2	31/03/21		MG
										GEO_WS206	14	384832.42	399627.42	32.61	4	31/03/21		MG
										GEO_WS211	12	384557.31	399564.31	39.91	4	28/04/21		MG
										GEO_WS211	14	384557.31	399564.31	39.91	5	28/04/21		MG
										GEO_WS212	2	384501.81	399529.03	39.89	0.2	16/04/21		MG
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0									
Tetrachloroethene	1460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0									
Tetrachloromethane (Carbon Tetra Chlori	396	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0									
Tribromomethane	5220	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0									
Trichloroethene	115	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0									
cis-1,2-Dichloroethene	1040	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0									
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0									
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0									
n-propylbenzene	43900	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2330.0	0									
trans-1,2-Dichloroethene	2710	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0									
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0									
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0									
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0									
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0									
Aliphatics >C10-44			mg/kg	No GAC	-	<10	<10		0				<10					<10
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	1.9	2.6		0									
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	0.12		0				<0.01					<0.01
Iron			mg/kg	No GAC	-				0									
Loss on ignition			%	No GAC	-	0.97	16		0		0.97							
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-				0									
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	<0.01		0		<0.01							
Resorcinol			mg/kg	No GAC	-				0									
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-				0									
Trimethylphenol			mg/kg	No GAC	-				0									
Xylenols & Ethylphenols			mg/kg	No GAC	-				0									

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	GEO_WS212	GEO_WS212
Sample Ref	4	12
Easting	384501.81	384501.81
Northing	399529.03	399529.03
Hole Elevation (mOD)	39.89	39.89
Sample Depth (mbgl)	0.6	4
Sample Date	16/04/21	28/04/21
Investigation		
Geology	MG	MG

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation			
Metal												
Antimony	3290	AGAC	mg/kg	23 of 29	0	<1	11		0			1.9
Arsenic	168	AGAC	mg/kg	29 of 29	0	4.7	89		0			9.2
Beryllium	63	.GAC/S4U	mg/kg	29 of 29	0	0.3	2.3		0			0.7
Cadmium	532	S4UL	mg/kg	25 of 29	0	<0.1	2.2		0			0.3
Chromium	33000	C/S4UL ((	mg/kg	29 of 29	0	7.9	38		0			14
Chromium - Hexavalent	220	.GAC/S4U	mg/kg	0 of 22	0	<1	<1		0			
Copper	44400	.GAC/S4U	mg/kg	29 of 29	0	12	7500		0			39
Lead	1300	C4SL	mg/kg	29 of 29	0	6.2	490		0			44
Manganese			mg/kg	No GAC	-				0			
Mercury	240	JL (inorga	mg/kg	23 of 29	0	<0.05	24		0			0.16
Nickel	804	AGAC	mg/kg	29 of 29	0	8.5	50		0			22
Selenium	1850	AGAC	mg/kg	4 of 29	0	<0.5	3.1		0			<0.5
Vanadium	5000	L (pentava	mg/kg	29 of 29	0	11	110		0			20
Zinc	173000	AGAC	mg/kg	29 of 29	0	24	1000		0			55
Inorganic												
pH			pH Units	No GAC	-	6.8	8.6		0			7.8
Cyanide	24	.C (free, a	mg/kg	18 of 29	0	<0.1	8.1		0			<0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	2.2		0			
Cyanide Free	24	GAC (acul	mg/kg	1 of 4	0	<0.1	<0.1		0			
Thiocyanate			mg/kg	No GAC	-	<0.6	1.4		0			
Boron	46200	AGAC	mg/kg	24 of 29	0	<0.2	1.5		0			<0.2
Total Organic Carbon			%	No GAC	-	0.1	38		0		33	4.6
Ortho Phosphate as P			mg/kg	No GAC	-				0			
Asbestos												
Asbestos Quantification (Total %)			%	No GAC	-	0.007	0.007		0			
Asbestos (Presence of)			---	No GAC	-				0			NAD
Asbestos Analysts Comments			---	No GAC	-				0	Chrysotile in microsc		na
Phenol and mineral oils												
Phenol	1300	(direct co	mg/kg	0 of 4	0	<0.1	<0.1		0			
Phenol (Monohydric)	1300	(direct co	mg/kg	7 of 29	0	<0.3	12		0			<0.3
Phenols, Total			mg/kg	No GAC	-				0			
Cresols			mg/kg	No GAC	-				0			
TPH												
Aliphatics >C10-12	24300	AGAC	mg/kg	1 of 17	0	<1.5	<1.5	283.0	0			
Aliphatics >C12-16	25700	AGAC	mg/kg	2 of 17	0	<1.2	7.1	142.0	0			
Aliphatics >C16-21	494000	C (Ali >C1	mg/kg	2 of 17	0	<1.5	110		0			
Aliphatics >C21-35	494000	C (Ali >C1	mg/kg	1 of 17	0	<3.4	110		0			
Aliphatics >C35-44	49400	C (Ali >C1	mg/kg	0 of 11	0	<3.4	<3.4		0			
Aliphatics >C5-35			mg/kg	No GAC	-	<10	220		0			
Aliphatics >C5-6	181000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	1150.0	0			
Aliphatics >C6-8	316000	AGAC	mg/kg	0 of 17	0	<0.01	<0.1	736.0	0			
Aliphatics >C8-10	21400	AGAC	mg/kg	1 of 17	0	<0.01	4.3	451.0	0			
Aromatics >C10-12	10000	.GAC/S4U	mg/kg	7 of 17	0	<0.9	27		0			
Aromatics >C12-16	10400	AGAC	mg/kg	9 of 17	0	<0.5	42		0			
Aromatics >C16-21	7770	AGAC	mg/kg	9 of 17	0	<0.6	75		0			
Aromatics >C21-35	7850	AGAC	mg/kg	9 of 17	0	<1.4	160		0			
Aromatics >C35-44	7850	AGAC	mg/kg	0 of 11	0	<1.4	<1.4		0			
Aromatics >C7-8	101000	AC (tolue	mg/kg	0 of 17	0	<0.01	<0.1	4360.0	0			
Aromatics >C8-10	9290	AGAC	mg/kg	1 of 17	0	<0.01	1.6	3580.0	0			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_WS212	GEO_WS212
										Sample Ref	4	12
										Easting	384501.81	384501.81
										Northing	399529.03	399529.03
										Hole Elevation (mOD)	39.89	39.89
										Sample Depth (mbgl)	0.6	4
										Sample Date	16/04/21	28/04/21
										Investigation		
										Geology	MG	MG
TPH >C10-40			mg/kg	No GAC	-	<10	290		0		290	
Aromatics >C10-44			mg/kg	No GAC	-	<10	130		0			
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	140		0			
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	380		0			
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	260		0			
PAH												
Acenaphthene	29900	AGAC	mg/kg	12 of 21	0	<0.03	6.1		0			<0.03
Dibenz-a-h-anthracene	1.36	.GAC/S4U	mg/kg	10 of 21	0	<0.03	0.35		0			<0.03
Fluoranthene	6350	AGAC	mg/kg	17 of 21	0	<0.03	13		0			0.05
Fluorene	20100	AGAC	mg/kg	12 of 21	0	<0.03	4		0			<0.03
Indeno(1,2,3-cd)pyrene	183	AGAC	mg/kg	14 of 21	0	<0.03	1.5		0			<0.03
Phenanthrene	6270	AGAC	mg/kg	16 of 21	0	<0.03	20		0			0.05
Pyrene	15200	AGAC	mg/kg	17 of 21	0	<0.03	18		0			0.05
Napthalene	2950	AGAC	mg/kg	13 of 22	0	<0.01	18	432.0	0			<0.03
Pah,Total			mg/kg	No GAC	-	<0.1	95		0		28	0.15
Acenaphthylene	29900	AGAC	mg/kg	9 of 21	0	<0.03	0.7		0			<0.03
Anthracene	152000	AGAC	mg/kg	13 of 21	0	<0.03	3.7		0			<0.03
Benzo(a)anthracene	62.5	.GAC/S4U	mg/kg	16 of 21	0	<0.03	5.3		0			<0.03
Benzo (g,h,i) perylene	1570	AGAC	mg/kg	14 of 21	0	<0.03	2.6		0			<0.03
Benzo(a)pyrene	13.2	.GAC/S4U	mg/kg	14 of 21	0	<0.03	5.6		0			<0.03
Benzo(b)fluoranthene	16.3	.GAC/S4U	mg/kg	15 of 21	0	<0.03	4.2		0			<0.03
Benzo(k)fluoranthene	442	AGAC	mg/kg	14 of 21	0	<0.03	1.6		0			<0.03
Chrysene	121	AGAC	mg/kg	15 of 21	0	<0.03	4.8		0			<0.03
BTEX												
Benzene	113	AGAC	mg/kg	2 of 30	0	<0.01	0.12		0		<0.01	<0.01
Toluene	101000	AGAC	mg/kg	0 of 30	0	<0.01	<0.1	4360.0	0		<0.01	<0.01
Ethylbenzene	27100	AGAC	mg/kg	2 of 30	0	<0.01	0.22	2840.0	0		<0.01	<0.01
O-Xylene	32600	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2620.0	0			
Xylene	31500	AC (p-xyle	mg/kg	1 of 29	0	<0.01	0.57	3170.0	0		<0.01	<0.01
m,p xylenes	31500	AC (p-xyle	mg/kg	0 of 5	0	<0.01	<0.1	3170.0	0			
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0		<0.04	
VOCs/SVOCs												
1,1,1,2-Tetrachloroethane	2070	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			
1,1,1-Trichloroethane	101000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	6390.0	0			
1,1,2-Trichloroethane	1480	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			
1,1-Dichloroethane	31200	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	5600.0	0			
1,1-Dichloroethene	5860	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0			
1,2,3 Trichlorobenzene	1570	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0			
1,2,4-Trichlorobenzene	3980	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	1880.0	0			
1,2,4-Trimethylbenzene	408	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	<0.1		0			
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0			
1,2-Dichlorobenzene	50500	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3240.0	0			
1,2-Dichloroethane	27.8	.GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0			
1,2-Dichloropropane	292	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0			
1,3-Dichlorobenzene	392	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0			
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0			
1,4-Dichlorobenzene	36000	S4UL (inh	mg/kg	0 of 5	0	<0.01	<0.1	1280.0	0			
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0			
2,3,4,6-Tetrachlorophenol	1050	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	GEO_WS212	GEO_WS212
Sample Ref	4	12
Easting	384501.81	384501.81
Northing	399529.03	399529.03
Hole Elevation (mOD)	39.89	39.89
Sample Depth (mbgl)	0.6	4
Sample Date	16/04/21	28/04/21
Investigation		
Geology	MG	MG

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
2,4,5-Trichlorophenol	1100	S4UL	mg/kg	0 of 4	0	<0.1	<0.1		0
2,4,6-Trichlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
2,4-Dichlorophenol	1040	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
2,4-Dimethylphenol	9880	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
2,4-Dinitrotoluene	990	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
2,6-Dinitrotoluene	498	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
2-Chloronaphthalene	2750	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
2-Chlorophenol	1060	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	3.6		0
2-Methylphenol	49400	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0
4-Nitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0
Bis(2-ethylhexyl)phthalate	16800	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
Bromobenzene	3460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0
Bromodichloromethane	80.9	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0
Butylbenzylphthalate	259000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
Carbazole			mg/kg	No GAC	-	<0.1	<0.1		0
Chlorobenzene	2900	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0
Chloroethene	5.36	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0
Chloroform	3090	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0
Di-N-Butyl Phthalate	2630	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
Di-N-Octyl Phthalate	20000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
Dibenzofuran			mg/kg	No GAC	-	<0.1	<0.1		0
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0
Diethylphthalate	96000	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0
Hexachlorobenzene (HCB)	29.7	GAC/S4U	mg/kg	0 of 4	0	<0.1	<0.1		0
Hexachlorobutadiene (HCBD)	50.8	GAC/S4U	mg/kg	0 of 5	0	<0.01	<0.1		0
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0
Isopropylbenzene	33800	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2250.0	0
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0
Methyl tert-butyl ether (MTBE)	117000	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	62700.0	0
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0
Pentachlorophenol (PCP)	117	AGAC	mg/kg	0 of 4	0	<0.1	<0.1		0
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
Styrene	6120	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	3350.0	0

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation		
Hole Ref										GEO_WS212	GEO_WS212
Sample Ref										4	12
Easting										384501.81	384501.81
Northing										399529.03	399529.03
Hole Elevation (mOD)										39.89	39.89
Sample Depth (mbgl)										0.6	4
Sample Date										16/04/21	28/04/21
Investigation											
Geology										MG	MG
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0		
Tetrachloroethene	1460	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		
Tetrachloromethane (Carbon Tetra Chlori	396	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		
Tribromomethane	5220	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		
Trichloroethene	115	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		
cis-1,2-Dichloroethene	1040	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0		
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0		
n-propylbenzene	43900	AGAC	mg/kg	0 of 5	0	<0.01	<0.1	2330.0	0		
trans-1,2-Dichloroethene	2710	AGAC	mg/kg	0 of 5	0	<0.01	<0.1		0		
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0		
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0		
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0		
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0		
Aliphatics >C10-44			mg/kg	No GAC	-	<10	<10		0		
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	1.9	2.6		0		
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	0.12		0		
Iron			mg/kg	No GAC	-				0		
Loss on ignition			%	No GAC	-	0.97	16		0		12
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-				0		
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	<0.01		0		<0.01
Resorcinol			mg/kg	No GAC	-				0		
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-				0		
Trimethylphenol			mg/kg	No GAC	-				0		
Xylenols & Ethylphenols			mg/kg	No GAC	-				0		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

										01_BH101&0.8&;	01_BH101&4.8&;	01_BH102&3.5&;	01_BH102&0.3&;	01_BH103&0.3&;	01_BH103&1&20		
Hole Ref										01_BH101	01_BH101	01_BH102	01_BH102	01_BH103	01_BH103		
Sample Ref										4	18	10	2	2	4		
Easting										384796.682	384796.682	384763.18	384763.18	384689.014	384689.014		
Northing										399802.989	399802.989	399691.375	399691.375	399695.588	399695.588		
Hole Elevation (mOD)										43.377	43.377	42.934	42.934	42.57	42.57		
Sample Depth (mbgl)										0.8	4.8	3.5	0.3	0.3	1		
Sample Date										03/01/19	03/01/19	03/01/19	24/01/19	04/01/19	04/01/19		
Investigation																	
Geology										MG	MG	MG-CO	MG-G	MG	MG		
Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation								
Metal																	
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	1.2	1.1	1.2	7.6	5	4.8		
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	5.2	9.5	9.3	16	9.5	11		
Beryllium	1.7	GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	0.2	0.8	0.8	1.1	0.5	0.5		
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.9	0.2	0.2	1	0.6	0.8		
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	5.7	20	16	23	19	19		
Chromium - Hexavalent	6	GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1	<1	<1	<1			
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	50	28	27	140	100	140		
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	38	53	91	530	230	210		
Manganese			mg/kg	No GAC	-	350	1400		0								
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	0.16	0.11	0.17	0.44	0.29	0.26		
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	7.9	25	19	26	17	20		
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	12	26	22	36	21	24		
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	46	61	88	500	300	250		
Inorganic																	
pH			pH Units	No GAC	-	5.4	11.7		0	8.3	8.3	8.3	10.6	9.1	10		
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	<0.1	0.1	<0.1	<0.1	0.6	0.6		
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0								
Cyanide Free	1.4	AC (chro	mg/kg	5 of 10	0	<0.1	0.6		0								
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0								
Boron	290	GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	0.6	0.7	0.5	0.7	2.3	1.4		
Total Organic Carbon			%	No GAC	-	<0.1	54		0	9.2	1.8	3.1	7.1	7.1	6.8		
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0								
Asbestos																	
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0								
Asbestos (Presence of)			---	No GAC	-				0	NAD	NAD	NAD	NAD	NAD			
Asbestos Analysts Comments			---	No GAC	-				0	na	na	na	na	na			
Phenol and mineral oils																	
Phenol	380	GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0								
Phenol (Monohydric)	380	GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	<0.3	0.9	<0.3	<0.3	0.4		
Phenols, Total			mg/kg	No GAC	-	<5	<5		0								
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0								
TPH																	
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	2.7	<1.5	130	2.4	13			
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	15	<1.2	240	9.3	56			
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	57	<1.5	160	22	65			
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	350	<3.4	120	120	77			
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0								
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0	420	<10	650	160	210			
Aliphatics >C5-6	160	GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01			
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01	<0.01	1.2	<0.01	<0.01			
Aliphatics >C8-10	154	GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01	<0.01	<0.01	<0.01	<0.01			
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	3.7	<0.9	42	<0.9	6.8			
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	11	<0.5	110	11	37			
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	56	<0.6	150	52	85			
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	670	<1.4	170	250	120			
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0								
Aromatics >C7-8	657	AC (tolue	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_BH101	01_BH101	01_BH102	01_BH102	01_BH103	01_BH103
										Sample Ref	4	18	10	2	2	4
										Easting	384796.682	384796.682	384763.18	384763.18	384689.014	384689.014
										Northing	399802.989	399802.989	399691.375	399691.375	399695.588	399695.588
										Hole Elevation (mOD)	43.377	43.377	42.934	42.934	42.57	42.57
										Sample Depth (mbgl)	0.8	4.8	3.5	0.3	0.3	1
										Sample Date	03/01/19	03/01/19	03/01/19	24/01/19	04/01/19	04/01/19
										Investigation						
										Geology	MG	MG	MG-CO	MG-G	MG	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0		<0.01	<0.01	10	<0.01	<0.01	
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0							1700
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0							
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0		1200	<10	1100	470	460	
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0		740	<10	490	320	250	
PAH																
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0		0.17	<0.03	0.11	0.65	0.3	
Dibenz-a-h-anthracene	0.305	,GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0		0.04	<0.03	<0.03	0.11	0.03	
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0		3.3	0.04	0.17	6.4	1.1	
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0		0.13	<0.03	0.13	0.43	0.52	
Indeno(1,2,3-cd)pyrene	41.2	,GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0		0.14	<0.03	<0.03	0.78	0.09	
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0		0.72	0.06	0.28	2.3	1.4	
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0		2.5	0.05	0.19	5.6	1	
Napthalene	13.2	,GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0		0.17	<0.03	<0.03	0.22	0.62	
Pah,Total			mg/kg	No GAC	-	<0.1	620		0		12	0.15	1.2	28	6.8	22
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0		0.04	<0.03	<0.03	0.06	0.05	
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0		2.2	<0.03	0.08	0.96	0.44	
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0		0.49	<0.03	0.07	2.1	0.29	
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0		0.18	<0.03	<0.03	0.94	0.12	
Benzo(a)pyrene	3	,GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0		0.26	<0.03	0.04	2.4	0.2	
Benzo(b)fluoranthene	3.7	,GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0		0.46	<0.03	0.05	2.4	0.29	
Benzo(k)fluoranthene	100	,GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0		0.16	<0.03	<0.03	1	0.12	
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0		0.72	<0.03	0.08	2	0.35	
BTEX																
Benzene	0.37	,GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0							
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0		<0.01	<0.01	1.9	<0.01	<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0							
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0							<0.04
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	6.41	,GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,1-Trichloroethane	39.4	,GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,3 Trichlorobenzene	8.6	,GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0							
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,4-Trichlorobenzene	15.2	,GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0							
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0							
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloroethane	0.0187	,GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0							
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0							
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref						01_BH101	01_BH101	01_BH102	01_BH102	01_BH103	01_BH103
Sample Ref						4	18	10	2	2	4
Easting						384796.682	384796.682	384763.18	384763.18	384689.014	384689.014
Northing						399802.989	399802.989	399691.375	399691.375	399695.588	399695.588
Hole Elevation (mOD)						43.377	43.377	42.934	42.934	42.57	42.57
Sample Depth (mbgl)						0.8	4.8	3.5	0.3	0.3	1
Sample Date						03/01/19	03/01/19	03/01/19	24/01/19	04/01/19	04/01/19
Investigation											
Geology						MG	MG	MG-CO	MG-G	MG	MG
2,3,4,6-Tetrachlorophenol	4.61	,GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0		
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0		
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0		
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0		
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0		
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0		
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0		
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0		
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0		
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0		
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0		
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0		
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0		
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0		
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0		
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0		
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0		
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0		
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0		
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0		
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0		
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0		
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0		
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0		
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0		
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0		
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0		
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0		
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0		
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0		
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0		
Chlorobenzene	2.39	,GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0		
Chloroethene	0.00136	,GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0		
Chloroform	3.35	,GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0		
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0		
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0		
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0		
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0		
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0		
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0		
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0		
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0		
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0		
Hexachlorobutadiene (HCBD)	1.61	,GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0		
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0		
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0		
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0		
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0		
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0		
Pentachlorophenol (PCP)	1.21	,GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0		
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Hole Ref										01_BH101	01_BH101	01_BH102	01_BH102	01_BH103	01_BH103
Sample Ref										4	18	10	2	2	4
Easting										384796.682	384796.682	384763.18	384763.18	384689.014	384689.014
Northing										399802.989	399802.989	399691.375	399691.375	399695.588	399695.588
Hole Elevation (mOD)										43.377	43.377	42.934	42.934	42.57	42.57
Sample Depth (mbgl)										0.8	4.8	3.5	0.3	0.3	1
Sample Date										03/01/19	03/01/19	03/01/19	24/01/19	04/01/19	04/01/19
Investigation															
Geology										MG	MG	MG-CO	MG-G	MG	MG
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0						
Tetrachloroethene	0.903	,GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tetrachloromethane (Carbon Tetra Chlori	0.127	,GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Trichloroethene	0.0753	,GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0						
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0						
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0						
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0						
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0						
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	
Iron			mg/kg	No GAC	-	27000	46000		0						
Loss on ignition			%	No GAC	-	1.3	19		0						11
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0						
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0						<0.01
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0						
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0						
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0						
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_BH103&3.2&;	01_BH103&4.8&;	01_BH104&0.7&;	01_BH104&9.7&;	01_BH104&4.7&;	01_BH105&3.3&;
Hole Ref										01_BH103	01_BH103	01_BH104	01_BH104	01_BH104	01_BH105
Sample Ref										11	16	4	28	15	14
Easting										384689.014	384689.014	384607.46	384607.46	384607.46	384463.735
Northing										399695.588	399695.588	399631.24	399631.24	399631.24	399571.588
Hole Elevation (mOD)										42.57	42.57	41.588	41.588	41.588	40.666
Sample Depth (mbgl)										3.2	4.8	0.7	9.7	4.7	3.3
Sample Date										04/01/19	04/01/19	04/01/19	07/01/19	04/01/19	08/01/19
Investigation															
Geology										MG-CO	MM	MG	MG	MG-CO	GTD
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	1.3	1.3	5.9	1.8	1.2	1.1
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	6.1	12	23	19	8.2	10
Beryllium	1.7	.GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	0.7	0.8	2.8	2.1	0.7	0.7
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.2	0.4	0.6	0.2	0.2	0.1
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	19	24	16	22	20	18
Chromium - Hexavalent	6	.GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1	<1	<1	<1	<1
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	46	9.1	300	100	33	18
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	28	13	180	75	42	12
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	<0.05	<0.05	0.45	0.38	<0.05	<0.05
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	22	29	48	53	24	18
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	<0.5	0.7	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	22	28	66	34	26	26
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	99	69	150	120	79	54
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	8.5	8.7	7.3	7.8	9.7	8.2
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	<0.1	<0.1	<0.1	2.4	<0.1	<0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	.GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	1.2	1.3	1.4	1.3	0.8	0.8
Total Organic Carbon			%	No GAC	-	<0.1	54		0	1.2	<0.5	29	13	2.2	0.6
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	NAD	NAD	NAD	NAD	NAD	NAD
Asbestos Analysts Comments			---	No GAC	-				0	na	na	na	na	na	na
Phenol and mineral oils															
Phenol	380	.GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0						
Phenol (Monohydric)	380	.GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	0.4	0.4	<0.3	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0						
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0	<10	<10	<10	<10	<10	<10
Aliphatics >C5-6	160	.GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C8-10	154	.GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	<0.5	<0.5	<0.5	0.7	<0.5	<0.5
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	<0.6	<0.6	<0.6	4.3	<0.6	<0.6
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	<1.4	<1.4	<1.4	9	<1.4	17
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0						
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_BH103	01_BH103	01_BH104	01_BH104	01_BH104	01_BH105
										Sample Ref	11	16	4	28	15	14
										Easting	384689.014	384689.014	384607.46	384607.46	384607.46	384463.735
										Northing	399695.588	399695.588	399631.24	399631.24	399631.24	399571.588
										Hole Elevation (mOD)	42.57	42.57	41.588	41.588	41.588	40.666
										Sample Depth (mbgl)	3.2	4.8	0.7	9.7	4.7	3.3
										Sample Date	04/01/19	04/01/19	04/01/19	07/01/19	04/01/19	08/01/19
										Investigation						
										Geology	MG-CO	MM	MG	MG	MG-CO	GTD
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0							
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0							
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0		<10	<10	<10	15	<10	17
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0		<10	<10	<10	15	<10	17
PAH																
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0		0.04	<0.03	<0.03	0.06	<0.03	<0.03
Dibenz-a-h-anthracene	0.305	GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0		0.17	<0.03	0.11	0.57	0.04	<0.03
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0		0.04	<0.03	<0.03	0.06	<0.03	<0.03
Indeno(1,2,3-cd)pyrene	41.2	GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0		<0.03	<0.03	<0.03	0.09	<0.03	<0.03
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0		0.2	<0.03	0.09	0.56	0.06	<0.03
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0		0.16	<0.03	0.12	0.64	0.04	<0.03
Napthalene	13.2	GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0		0.04	<0.03	0.04	0.1	<0.03	<0.03
Pah,Total			mg/kg	No GAC	-	<0.1	620		0		0.92	<0.1	0.48	3.4	0.14	<0.1
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0		0.05	<0.03	<0.03	0.1	<0.03	<0.03
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0		0.06	<0.03	0.05	0.24	<0.03	<0.03
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0		<0.03	<0.03	<0.03	0.11	<0.03	<0.03
Benzo(a)pyrene	3	GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0		0.04	<0.03	<0.03	0.21	<0.03	<0.03
Benzo(b)fluoranthene	3.7	GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0		0.06	<0.03	0.05	0.24	<0.03	<0.03
Benzo(k)fluoranthene	100	GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0		<0.03	<0.03	<0.03	0.1	<0.03	<0.03
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0		0.06	<0.03	0.07	0.25	<0.03	<0.03
BTEX																
Benzene	0.37	GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0							
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0							
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0							
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	6.41	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,1-Trichloroethane	39.4	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,3 Trichlorobenzene	8.6	GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0							
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,4-Trichlorobenzene	15.2	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0							
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0							
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloroethane	0.0187	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0							
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0							
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_BH103	01_BH103	01_BH104	01_BH104	01_BH104	01_BH105
										Sample Ref	11	16	4	28	15	14
										Easting	384689.014	384689.014	384607.46	384607.46	384607.46	384463.735
										Northing	399695.588	399695.588	399631.24	399631.24	399631.24	399571.588
										Hole Elevation (mOD)	42.57	42.57	41.588	41.588	41.588	40.666
										Sample Depth (mbgl)	3.2	4.8	0.7	9.7	4.7	3.3
										Sample Date	04/01/19	04/01/19	04/01/19	07/01/19	04/01/19	08/01/19
										Investigation						
										Geology	MG-CO	MM	MG	MG	MG-CO	GTD
2,3,4,6-Tetrachlorophenol	4.61	.GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0							
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0							
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0							
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0							
Chlorobenzene	2.39	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Chloroethene	0.00136	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Chloroform	3.35	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0							
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0							
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0							
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Hexachlorobutadiene (HCBD)	1.61	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0							
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0							
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0							
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Pentachlorophenol (PCP)	1.21	.GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0							
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_BH103	01_BH103	01_BH104	01_BH104	01_BH104	01_BH105
										Sample Ref	11	16	4	28	15	14
										Easting	384689.014	384689.014	384607.46	384607.46	384607.46	384463.735
										Northing	399695.588	399695.588	399631.24	399631.24	399631.24	399571.588
										Hole Elevation (mOD)	42.57	42.57	41.588	41.588	41.588	40.666
										Sample Depth (mbgl)	3.2	4.8	0.7	9.7	4.7	3.3
										Sample Date	04/01/19	04/01/19	04/01/19	07/01/19	04/01/19	08/01/19
										Investigation						
										Geology	MG-CO	MM	MG	MG	MG-CO	GTD
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0							
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0							
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0							
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0							
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0							
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0							
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0							
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0							
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron			mg/kg	No GAC	-	27000	46000		0							
Loss on ignition			%	No GAC	-	1.3	19		0							
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0							
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0							
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0							
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0							
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_BH105&0.7&;	01_BH106&7.6&;	01_BH106&0.3&;	01_BH106&3.3&;	01_BH107&2&2C	01_BH109&1.2&;
Hole Ref										01_BH105	01_BH106	01_BH106	01_BH106	01_BH107	01_BH109
Sample Ref										5	17	1	7	8	4
Easting										384463.735	384459.989	384459.989	384459.989	384824.812	384562.256
Northing										399571.588	399509.165	399509.165	399509.165	399485.537	399392.535
Hole Elevation (mOD)										40.666	40.671	40.671	40.671	41.293	31.477
Sample Depth (mbgl)										0.7	7.6	0.3	3.3	2	1.2
Sample Date										04/01/19	08/01/19	07/01/19	08/01/19	09/01/19	09/01/19
Investigation															
Geology										MG	GTD	MG-G	MG-G	MG	MG-G
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	1.5	1.4	21	7.8	1.2	1.4
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	11	11	40	28	9	6.7
Beryllium	1.7	.GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	0.9	0.5	1.3	1.6	0.8	0.4
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.2	<0.1	1	0.5	0.2	0.5
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	23	18	22	27	24	17
Chromium - Hexavalent	6	.GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1	<1	<1	<1	<1
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	31	26	210	180	25	19
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	26	45	370	210	18	77
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	0.11	0.11	0.38	0.37	<0.05	0.15
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	27	12	38	34	28	11
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	1	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	27	17	52	46	30	21
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	97	50	340	160	57	74
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	8.3	7.7	6.9	7.9	8.3	11.4
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	0.1	1.1	0.5	0.2	<0.1	<0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	AC (chror	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	.GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	1.2	2.3	0.8	1.3	1.1	1.5
Total Organic Carbon			%	No GAC	-	<0.1	54		0	1.6	2.6	24	21	1.1	1.6
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	NAD	NAD	NAD	NAD	NAD	NAD
Asbestos Analysts Comments			---	No GAC	-				0	na	na	na	na	na	na
Phenol and mineral oils															
Phenol	380	.GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0						
Phenol (Monohydric)	380	.GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5	<1.5	<1.5	<1.5	<1.5	2.5
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2	<1.2	<1.2	<1.2	<1.2	5.8
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5	<1.5	<1.5	<1.5	<1.5	8.3
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4	<3.4	<3.4	<3.4	<3.4	35
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0						
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0	<10	<10	<10	<10	<10	52
Aliphatics >C5-6	160	.GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C8-10	154	.GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	<0.5	<0.5	1.4	<0.5	<0.5	<0.5
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	<0.6	<0.6	3.9	6.1	<0.6	5.5
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	<1.4	<1.4	14	13	<1.4	71
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0						
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_BH105	01_BH106	01_BH106	01_BH106	01_BH107	01_BH109
Hole Ref										01_BH105	01_BH106	01_BH106	01_BH106	01_BH107	01_BH109
Sample Ref										5	17	1	7	8	4
Easting										384463.735	384459.989	384459.989	384459.989	384824.812	384562.256
Northing										399571.588	399509.165	399509.165	399509.165	399485.537	399392.535
Hole Elevation (mOD)										40.666	40.671	40.671	40.671	41.293	31.477
Sample Depth (mbgl)										0.7	7.6	0.3	3.3	2	1.2
Sample Date										04/01/19	08/01/19	07/01/19	08/01/19	09/01/19	09/01/19
Investigation															
Geology										MG	GTD	MG-G	MG-G	MG	MG-G
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0			48			
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0						
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0						
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0	<10	<10	19	19	<10	130
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0	<10	<10	19	19	<10	76
PAH															
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0	<0.03	<0.03	<0.03	0.04	<0.03	0.16
Dibenz-a-h-anthracene	0.305	.GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0	<0.03	<0.03	0.03	<0.03	<0.03	<0.03
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0	<0.03	<0.03	0.54	0.4	<0.03	0.94
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0	<0.03	<0.03	<0.03	<0.03	<0.03	0.12
Indeno(1,2,3-cd)pyrene	41.2	.GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0	<0.03	<0.03	0.13	0.05	<0.03	0.1
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0	<0.03	<0.03	0.21	0.36	<0.03	1
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0	0.04	<0.03	0.54	0.38	<0.03	0.92
Napthalene	13.2	.GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0	<0.03	<0.03	0.04	0.09	<0.03	0.23
Pah,Total			mg/kg	No GAC	-	<0.1	620		0	0.12	<0.1	3.2	2.1	<0.1	5.2
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0	<0.03	<0.03	0.06	0.08	<0.03	0.23
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0	<0.03	<0.03	0.28	0.16	<0.03	0.3
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0	0.05	<0.03	0.16	0.05	<0.03	0.13
Benzo(a)pyrene	3	.GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0	<0.03	<0.03	0.25	0.11	<0.03	0.24
Benzo(b)fluoranthene	3.7	.GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0	0.04	<0.03	0.43	0.16	<0.03	0.29
Benzo(k)fluoranthene	100	.GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0	<0.03	<0.03	0.15	0.05	<0.03	0.13
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0	<0.03	<0.03	0.35	0.15	<0.03	0.38
BTEX															
Benzene	0.37	.GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0						
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0						
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0			<0.04			
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	6.41	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1,1-Trichloroethane	39.4	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
1,2,3 Trichlorobenzene	8.6	.GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0						
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						
1,2,4-Trichlorobenzene	15.2	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0						
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0						
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0						
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,2-Dichloroethane	0.0187	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0						
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0						
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_BH105	01_BH106	01_BH106	01_BH106	01_BH107	01_BH109
										Sample Ref	5	17	1	7	8	4
										Easting	384463.735	384459.989	384459.989	384459.989	384824.812	384562.256
										Northing	399571.588	399509.165	399509.165	399509.165	399485.537	399392.535
										Hole Elevation (mOD)	40.666	40.671	40.671	40.671	41.293	31.477
										Sample Depth (mbgl)	0.7	7.6	0.3	3.3	2	1.2
										Sample Date	04/01/19	08/01/19	07/01/19	08/01/19	09/01/19	09/01/19
										Investigation						
										Geology	MG	GTD	MG-G	MG-G	MG	MG-G
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0							
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0							
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0							
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0							
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0							
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0							
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0							
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0							
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0							
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0							
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0							
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	01_BH105	01_BH106	01_BH106	01_BH106	01_BH107	01_BH109
Sample Ref	5	17	1	7	8	4
Easting	384463.735	384459.989	384459.989	384459.989	384824.812	384562.256
Northing	399571.588	399509.165	399509.165	399509.165	399485.537	399392.535
Hole Elevation (mOD)	40.666	40.671	40.671	40.671	41.293	31.477
Sample Depth (mbgl)	0.7	7.6	0.3	3.3	2	1.2
Sample Date	04/01/19	08/01/19	07/01/19	08/01/19	09/01/19	09/01/19
Investigation						
Geology	MG	GTD	MG-G	MG-G	MG	MG-G

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_BH105 (5)	01_BH106 (17)	01_BH106 (1)	01_BH106 (7)	01_BH107 (8)	01_BH109 (4)
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0						
Tetrachloroethene	0.903	.GAC/S4L	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tetrachloromethane (Carbon Tetra Chlori	0.127	.GAC/S4L	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Trichloroethene	0.0753	.GAC/S4L	mg/kg	0 of 14	0	<0.01	<0.1		0						
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0						
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0						
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0						
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0						
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0						
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron			mg/kg	No GAC	-	27000	46000		0						
Loss on ignition			%	No GAC	-	1.3	19		0			11			
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0						
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0			<0.01			
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0						
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0						
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0						
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_BH110&0.3&;	01_BH110&3&20	01_BH112&3.3&;	01_BH112&0.3&;	01_TP101&0.3&;	01_TP102&1.2&2
Hole Ref										01_BH110	01_BH110	01_BH112	01_BH112	01_TP101	01_TP102
Sample Ref										2	7	12	2	2	6
Easting										384353.882	384353.882	384401.713	384401.713	384759.647	384698.516
Northing										399440.903	399440.903	399486.259	399486.259	399818.495	399742.661
Hole Elevation (mOD)										31.263	31.263	32.249	32.249	43.457	42.621
Sample Depth (mbgl)										0.3	3	3.3	0.3	0.3	1.2
Sample Date										10/01/19	10/01/19	10/01/19	10/01/19	03/01/19	03/01/19
Investigation															
Geology										MG	MG	CHES	MG	MG-G	GTD
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	2.1	<1	<1	5.1	1.3	1.2
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	6.2	7.1	4.5	8.5	6.8	10
Beryllium	1.7	.GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	0.4	0.5	0.4	0.4	1	1
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.3	0.2	0.1	0.3	0.4	0.3
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	22	13	11	15	21	29
Chromium - Hexavalent	6	.GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1	<1	<1	<1	<1
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	46	22	8.9	40	71	46
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	37	1900	66	300	26	17
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	<0.05	0.1	<0.05	0.16	<0.05	<0.05
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	25	11	12	12	22	30
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	38	20	19	22	31	31
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	91	74	36	95	95	89
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	10.5	11.7	9.3	8.5	8.9	8.5
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	iAC (chror	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	.GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	1.2	1.2	0.7	1.1	1	0.7
Total Organic Carbon			%	No GAC	-	<0.1	54		0	3.3	1.7	0.5	1.8	2.9	1.6
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	Amosite	NAD	NAD	Amosite	NAD	NAD
Asbestos Analysts Comments			---	No GAC	-				0	of Amosite fibres	na	na	of Amosite fibres	na	na
Phenol and mineral oils															
Phenol	380	.GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0						
Phenol (Monohydric)	380	.GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	<0.3	<0.3	<0.3	0.4	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	4.1	<1.2	<1.2	<1.2	<1.2	<1.2
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	14	<1.5	<1.5	<1.5	<1.5	<1.5
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	120	<3.4	<3.4	<3.4	<3.4	<3.4
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0						
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0	140	<10	<10	<10	<10	<10
Aliphatics >C5-6	160	.GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C8-10	154	.GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	2.9	<0.5	<0.5	<0.5	<0.5	<0.5
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	27	<0.6	<0.6	<0.6	<0.6	<0.6
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	350	<1.4	<1.4	<1.4	<1.4	<1.4
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0						
Aromatics >C7-8	657	iAC (tolue	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_BH110	01_BH110	01_BH112	01_BH112	01_TP101	01_TP102
										Sample Ref	2	7	12	2	2	6
										Easting	384353.882	384353.882	384401.713	384401.713	384759.647	384698.516
										Northing	399440.903	399440.903	399486.259	399486.259	399818.495	399742.661
										Hole Elevation (mOD)	31.263	31.263	32.249	32.249	43.457	42.621
										Sample Depth (mbgl)	0.3	3	3.3	0.3	0.3	1.2
										Sample Date	10/01/19	10/01/19	10/01/19	10/01/19	03/01/19	03/01/19
										Investigation						
										Geology	MG	MG	CHES	MG	MG-G	GTD
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0							
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0							
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0		520	<10	<10	<10	<10	<10
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0		380	<10	<10	<10	<10	<10
PAH																
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0		0.48	0.48	<0.03	0.04	<0.03	<0.03
Dibenz-a-h-anthracene	0.305	.GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0		0.54	0.04	<0.03	0.05	<0.03	<0.03
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0		6.7	1.5	<0.03	0.89	0.28	<0.03
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0		0.37	0.28	<0.03	0.03	<0.03	<0.03
Indeno(1,2,3-cd)pyrene	41.2	.GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0		2.2	0.15	<0.03	0.25	0.06	<0.03
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0		3.1	1.6	<0.03	0.41	0.12	<0.03
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0		6.1	1.2	<0.03	0.89	0.28	<0.03
Napthalene	13.2	.GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0		0.17	0.43	<0.03	<0.03	<0.03	<0.03
Pah,Total			mg/kg	No GAC	-	<0.1	620		0		39	8.1	<0.1	4.8	1.5	<0.1
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0		0.24	<0.03	<0.03	<0.03	0.04	<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0		1.1	0.37	<0.03	0.1	0.2	<0.03
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0		2.8	0.42	<0.03	0.35	0.1	<0.03
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0		2.7	0.18	<0.03	0.3	0.06	<0.03
Benzo(a)pyrene	3	.GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0		3.9	0.36	<0.03	0.44	0.08	<0.03
Benzo(b)fluoranthene	3.7	.GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0		4.5	0.5	<0.03	0.54	0.13	<0.03
Benzo(k)fluoranthene	100	.GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0		1.5	0.16	<0.03	0.17	0.05	<0.03
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0		3	0.47	<0.03	0.41	0.12	<0.03
BTEX																
Benzene	0.37	.GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0							
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0							
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0							
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	6.41	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,1-Trichloroethane	39.4	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,3 Trichlorobenzene	8.6	.GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0							
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,4-Trichlorobenzene	15.2	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0							
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0							
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloroethane	0.0187	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0							
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0							
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_BH110	01_BH110	01_BH112	01_BH112	01_TP101	01_TP102
Hole Ref										01_BH110	01_BH110	01_BH112	01_BH112	01_TP101	01_TP102
Sample Ref										2	7	12	2	2	6
Easting										384353.882	384353.882	384401.713	384401.713	384759.647	384698.516
Northing										399440.903	399440.903	399486.259	399486.259	399818.495	399742.661
Hole Elevation (mOD)										31.263	31.263	32.249	32.249	43.457	42.621
Sample Depth (mbgl)										0.3	3	3.3	0.3	0.3	1.2
Sample Date										10/01/19	10/01/19	10/01/19	10/01/19	03/01/19	03/01/19
Investigation															
Geology										MG	MG	CHES	MG	MG-G	GTD
2,3,4,6-Tetrachlorophenol	4.61	.GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0						
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0						
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0						
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0						
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0						
Chlorobenzene	2.39	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Chloroethene	0.00136	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Chloroform	3.35	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0						
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0						
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0						
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Hexachlorobutadiene (HCBD)	1.61	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0						
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0						
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0						
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Pentachlorophenol (PCP)	1.21	.GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0						
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0
Iron			mg/kg	No GAC	-	27000	46000		0
Loss on ignition			%	No GAC	-	1.3	19		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0

Hole Ref	01_BH110	01_BH110	01_BH112	01_BH112	01_TP101	01_TP102
Sample Ref	2	7	12	2	2	6
Easting	384353.882	384353.882	384401.713	384401.713	384759.647	384698.516
Northing	399440.903	399440.903	399486.259	399486.259	399818.495	399742.661
Hole Elevation (mOD)	31.263	31.263	32.249	32.249	43.457	42.621
Sample Depth (mbgl)	0.3	3	3.3	0.3	0.3	1.2
Sample Date	10/01/19	10/01/19	10/01/19	10/01/19	03/01/19	03/01/19
Investigation						
Geology	MG	MG	CHES	MG	MG-G	GTD
	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

										01_TP102&0.3&2	01_TP103&1&20	01_TP103&1.8&2	01_TP104&0.3&2	01_TP107&1.2&2	01_TP108&0.3&2
										Hole Ref	01_TP102	01_TP103	01_TP103	01_TP104	01_TP107	01_TP108
										Sample Ref	2	7	11	2	8	2
										Easting	384698.516	384772.82	384772.82	384780.328	384737.823	384655.011
										Northing	399742.661	399769.313	399769.313	399749.164	399704.019	399693.93
										Hole Elevation (mOD)	42.621	43.178	43.178	43.131	42.764	42.312
										Sample Depth (mbgl)	0.3	1	1.8	0.3	1.2	0.3
										Sample Date	03/01/19	03/01/19	03/01/19	03/01/19	03/01/19	04/01/19
										Investigation						
										Geology	MG	GTD	GTD	MG-G	MG	MG
Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	<1	<1	<1	3.8	1.2	7.9
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	6.1	4.1	8.1	23	12	37
Beryllium	1.7	GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	0.2	0.6	0.8	1.5	0.9	1
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.4	0.2	0.2	0.7	0.2	0.4
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	14	8.7	22	48	23	36
Chromium - Hexavalent	6	GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1	<1	<1	<1	<1
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	21	35	27	150	43	130
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	17	20	13	210	39	100
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	<0.05	0.07	<0.05	0.34	0.32	<0.05
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	10	12	29	32	29	33
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	15	14	27	160	33	74
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	59	67	65	180	62	130
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	8.5	8.3	8.1	7.7	7.2	7.6
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	<0.1	<0.1	<0.1	0.2	0.2	0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	0.6	0.6	0.5	0.4	1.2	0.8
Total Organic Carbon			%	No GAC	-	<0.1	54		0	3.2	2.8	2	18	4.7	12
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	NAD			NAD		NAD
Asbestos Analysts Comments			---	No GAC	-				0	na			na		na
Phenol and mineral oils															
Phenol	380	GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0						
Phenol (Monohydric)	380	GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	0.5	0.4	<0.3	0.8	0.4	0.5
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2	<1.2	<1.2	16	<1.2	<1.2
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5	<1.5	<1.5	72	<1.5	<1.5
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4	<3.4	<3.4	230	<3.4	<3.4
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0						
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0	<10	<10	<10	320	<10	<10
Aliphatics >C5-6	160	GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C8-10	154	GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9	<0.9	<0.9	12	<0.9	13
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	<0.5	<0.5	<0.5	25	<0.5	19
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	<0.6	<0.6	<0.6	85	<0.6	39
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	<1.4	<1.4	<1.4	200	<1.4	68
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0						
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_TP102	01_TP103	01_TP103	01_TP104	01_TP107	01_TP108
Hole Ref										01_TP102	01_TP103	01_TP103	01_TP104	01_TP107	01_TP108
Sample Ref										2	7	11	2	8	2
Easting										384698.516	384772.82	384772.82	384780.328	384737.823	384655.011
Northing										399742.661	399769.313	399769.313	399749.164	399704.019	399693.93
Hole Elevation (mOD)										42.621	43.178	43.178	43.131	42.764	42.312
Sample Depth (mbgl)										0.3	1	1.8	0.3	1.2	0.3
Sample Date										03/01/19	03/01/19	03/01/19	03/01/19	03/01/19	04/01/19
Investigation															
Geology										MG	GTD	GTD	MG-G	MG	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0	79					
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0						
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0						
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0	<10	<10	<10	650	<10	140
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0	<10	<10	<10	320	<10	140
PAH															
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0	<0.03	<0.03	<0.03		<0.03	0.59
Dibenz-a-h-anthracene	0.305	.GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0	<0.03	<0.03	<0.03		<0.03	0.04
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0	0.46	0.05	<0.03		0.03	2.5
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0	<0.03	<0.03	<0.03		<0.03	0.48
Indeno(1,2,3-cd)pyrene	41.2	.GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0	0.05	<0.03	<0.03		<0.03	0.1
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0	0.11	0.05	<0.03		<0.03	2.5
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0	0.45	0.04	<0.03		0.03	2.5
Napthalene	13.2	.GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0	<0.03	<0.03	<0.03	<0.01	<0.03	0.28
Pah,Total			mg/kg	No GAC	-	<0.1	620		0	2.1	0.15	<0.1		<0.1	12
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0	0.05	<0.03	<0.03		<0.03	<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0	0.22	<0.03	<0.03		<0.03	0.61
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0	0.15	<0.03	<0.03		<0.03	0.7
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0	0.05	<0.03	<0.03		<0.03	0.15
Benzo(a)pyrene	3	.GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0	0.1	<0.03	<0.03		<0.03	0.38
Benzo(b)fluoranthene	3.7	.GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0	0.19	<0.03	<0.03		<0.03	0.5
Benzo(k)fluoranthene	100	.GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0	0.07	<0.03	<0.03		<0.03	0.17
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0	0.21	<0.03	<0.03		<0.03	0.78
BTEX															
Benzene	0.37	.GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0				<0.01		
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0	<0.01	<0.01	<0.01		<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0				<0.01		
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0	<0.04					
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	6.41	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
1,1,1-Trichloroethane	39.4	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01		
1,2,3 Trichlorobenzene	8.6	.GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0				<0.01		
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01		
1,2,4-Trichlorobenzene	15.2	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0				<0.01		
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0				<0.01		
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01		
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
1,2-Dichloroethane	0.0187	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0				<0.01		
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01		
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_TP102	01_TP103	01_TP103	01_TP104	01_TP107	01_TP108
										Sample Ref	2	7	11	2	8	2
										Easting	384698.516	384772.82	384772.82	384780.328	384737.823	384655.011
										Northing	399742.661	399769.313	399769.313	399749.164	399704.019	399693.93
										Hole Elevation (mOD)	42.621	43.178	43.178	43.131	42.764	42.312
										Sample Depth (mbgl)	0.3	1	1.8	0.3	1.2	0.3
										Sample Date	03/01/19	03/01/19	03/01/19	03/01/19	03/01/19	04/01/19
										Investigation						
										Geology	MG	GTD	GTD	MG-G	MG	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0							
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0							
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0							
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0							
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0							
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0							
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0							
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0							
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0					<0.01		
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0							
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0							
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0					<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0
Iron			mg/kg	No GAC	-	27000	46000		0
Loss on ignition			%	No GAC	-	1.3	19		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0

Hole Ref	01_TP102	01_TP103	01_TP103	01_TP104	01_TP107	01_TP108
Sample Ref	2	7	11	2	8	2
Easting	384698.516	384772.82	384772.82	384780.328	384737.823	384655.011
Northing	399742.661	399769.313	399769.313	399749.164	399704.019	399693.93
Hole Elevation (mOD)	42.621	43.178	43.178	43.131	42.764	42.312
Sample Depth (mbgl)	0.3	1	1.8	0.3	1.2	0.3
Sample Date	03/01/19	03/01/19	03/01/19	03/01/19	03/01/19	04/01/19
Investigation						
Geology	MG	GTD	GTD	MG-G	MG	MG
				<0.01		
				<0.01		
				<0.01		
				<0.01		
				<0.01		
				<0.01		
				<0.01		
				<0.01		
				<0.01		
				<0.01		
				<0.01		
				<0.01		
				<0.01		
<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1.3						
0.03						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

										01_TP109&0.3&2	01_TP109&1.3&2	01_TP109&3.3&2	01_TP110&1.3&2	01_TP111&2.5&2	01_TP111&0.3&2
Hole Ref										01_TP109	01_TP109	01_TP109	01_TP110	01_TP111	01_TP111
Sample Ref										2	5	11	5	8	2
Easting										384661.431	384661.431	384661.431	384638.835	384592.029	384592.029
Northing										399650.774	399650.774	399650.774	399640.942	399655.215	399655.215
Hole Elevation (mOD)										41.958	41.958	41.958	41.427	41.467	41.467
Sample Depth (mbgl)										0.3	1.3	3.3	1.3	2.5	0.3
Sample Date										04/01/19	04/01/19	04/01/19	07/01/19	07/01/19	07/01/19
Investigation															
Geology										MG	MG	MG	MG	GTD	MG
Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	4.1	3	4.8	11	<1	4.3
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	28	71	19	34	4.5	18
Beryllium	1.7	.GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	2.6	2.1	2	1.9	0.6	0.9
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.5	0.4	0.2	0.6	0.1	0.6
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	19	15	18	21	13	26
Chromium - Hexavalent	6	.GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1	<1	<1		<1
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	300	110	150	300	14	86
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	1300	180	330	520	12	71
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	18	1.1	1.2	1.6	<0.05	0.25
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	39	29	38	38	15	28
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	53	40	43	59	16	74
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	310	93	99	240	28	180
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	7.6	8.2	7.6	7.3	7.7	7.8
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	0.8	0.2	0.2	0.5	<0.1	<0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	.GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	0.7	1	0.7	0.7	0.6	0.7
Total Organic Carbon			%	No GAC	-	<0.1	54		0	27	17	13	28	0.5	12
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	NAD		NAD	NAD		NAD
Asbestos Analysts Comments			---	No GAC	-				0	na		na	na		na
Phenol and mineral oils															
Phenol	380	.GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0						
Phenol (Monohydric)	380	.GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	0.5	0.5	0.6	<0.3	0.4	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5		<1.5	<1.5	<1.5	<1.5
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2		<1.2	<1.2	<1.2	<1.2
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5		<1.5	<1.5	<1.5	<1.5
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4		<3.4	<3.4	<3.4	<3.4
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0						
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0	<10		<10	<10	<10	<10
Aliphatics >C5-6	160	.GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01		<0.01	<0.01	<0.01	<0.01
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01		<0.01	<0.01	<0.01	<0.01
Aliphatics >C8-10	154	.GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01		<0.01	<0.01	<0.01	<0.01
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9		<0.9	<0.9	<0.9	<0.9
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	<0.5		<0.5	<0.5	<0.5	<0.5
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	<0.6		<0.6	<0.6	<0.6	<0.6
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	<1.4		<1.4	<1.4	<1.4	<1.4
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0						
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01		<0.01	<0.01	<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_TP109	01_TP109	01_TP109	01_TP110	01_TP111	01_TP111
										Sample Ref	2	5	11	5	8	2
										Easting	384661.431	384661.431	384661.431	384638.835	384592.029	384592.029
										Northing	399650.774	399650.774	399650.774	399640.942	399655.215	399655.215
										Hole Elevation (mOD)	41.958	41.958	41.958	41.427	41.467	41.467
										Sample Depth (mbgl)	0.3	1.3	3.3	1.3	2.5	0.3
										Sample Date	04/01/19	04/01/19	04/01/19	07/01/19	07/01/19	07/01/19
										Investigation						
										Geology	MG	MG	MG	MG	GTD	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0		<0.01		<0.01	<0.01	<0.01	<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0			38				
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0							
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0		<10		<10	<10	<10	<10
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0		<10		<10	<10	<10	<10
PAH																
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0		0.04		<0.03	0.2	<0.03	<0.03
Dibenz-a-h-anthracene	0.305	.GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0		<0.03		<0.03	<0.03	<0.03	<0.03
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0		0.35		0.27	1.2	<0.03	0.35
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0		<0.03		<0.03	0.2	<0.03	<0.03
Indeno(1,2,3-cd)pyrene	41.2	.GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0		0.08		0.07	0.11	<0.03	0.07
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0		0.26		0.22	1.5	<0.03	0.16
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0		0.39		0.3	1.2	<0.03	0.4
Napthalene	13.2	.GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0		<0.03		0.03	0.19	<0.03	<0.03
Pah,Total			mg/kg	No GAC	-	<0.1	620		0		2	9.9	1.6	6.5	<0.1	1.8
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0		<0.03		<0.03	<0.03	<0.03	<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0		0.04		0.05	0.35	<0.03	0.09
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0		0.15		0.12	0.36	<0.03	0.16
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0		0.11		0.1	0.13	<0.03	0.07
Benzo(a)pyrene	3	.GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0		0.13		0.11	0.24	<0.03	0.1
Benzo(b)fluoranthene	3.7	.GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0		0.16		0.13	0.32	<0.03	0.17
Benzo(k)fluoranthene	100	.GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0		0.06		0.05	0.13	<0.03	0.08
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0		0.2		0.14	0.4	<0.03	0.2
BTEX																
Benzene	0.37	.GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0							
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0							
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0			<0.04				
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	6.41	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,1-Trichloroethane	39.4	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,3 Trichlorobenzene	8.6	.GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0							
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,4-Trichlorobenzene	15.2	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0							
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0							
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloroethane	0.0187	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0							
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0							
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_TP109 2	01_TP109 5	01_TP109 11	01_TP110 5	01_TP111 8	01_TP111 2
Hole Ref										01_TP109	01_TP109	01_TP109	01_TP110	01_TP111	01_TP111
Sample Ref										2	5	11	5	8	2
Easting										384661.431	384661.431	384661.431	384638.835	384592.029	384592.029
Northing										399650.774	399650.774	399650.774	399640.942	399655.215	399655.215
Hole Elevation (mOD)										41.958	41.958	41.958	41.427	41.467	41.467
Sample Depth (mbgl)										0.3	1.3	3.3	1.3	2.5	0.3
Sample Date										04/01/19	04/01/19	04/01/19	07/01/19	07/01/19	07/01/19
Investigation															
Geology										MG	MG	MG	MG	GTD	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0						
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0						
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0						
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0						
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0						
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0						
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0						
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0						
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0						
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0						
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0						
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0						
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	01_TP109	01_TP109	01_TP109	01_TP110	01_TP111	01_TP111
Sample Ref	2	5	11	5	8	2
Easting	384661.431	384661.431	384661.431	384638.835	384592.029	384592.029
Northing	399650.774	399650.774	399650.774	399640.942	399655.215	399655.215
Hole Elevation (mOD)	41.958	41.958	41.958	41.427	41.467	41.467
Sample Depth (mbgl)	0.3	1.3	3.3	1.3	2.5	0.3
Sample Date	04/01/19	04/01/19	04/01/19	07/01/19	07/01/19	07/01/19
Investigation						
Geology	MG	MG	MG	MG	GTD	MG

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_TP109 (2)	01_TP109 (5)	01_TP109 (11)	01_TP110 (5)	01_TP111 (8)	01_TP111 (2)
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0						
Tetrachloroethene	0.903	.GAC/S4L	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tetrachloromethane (Carbon Tetra Chlori	0.127	.GAC/S4L	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Trichloroethene	0.0753	.GAC/S4L	mg/kg	0 of 14	0	<0.01	<0.1		0						
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0						
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0						
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0						
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0						
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0						
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		<0.01	<0.01	<0.01	<0.01
Iron			mg/kg	No GAC	-	27000	46000		0						
Loss on ignition			%	No GAC	-	1.3	19		0		11				
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0						
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0		<0.01				
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0						
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0						
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0						
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

										01_TP112&0.3&2	01_TP112&2.3&2	01_TP115&0.3&2	01_TP115&1.3&2	01_TP115&3.3&2	01_TP119&3&20
										Hole Ref	01_TP112	01_TP112	01_TP115	01_TP115	01_TP115	01_TP119
										Sample Ref	2	8	2	5	11	10
										Easting	384552.675	384552.675	384456.531	384456.531	384456.531	384483.283
										Northing	399614.062	399614.062	399526.838	399526.838	399526.838	399475.961
										Hole Elevation (mOD)	40.83	40.83	40.513	40.513	40.513	31.601
										Sample Depth (mbgl)	0.3	2.3	0.3	1.3	3.3	3
										Sample Date	07/01/19	07/01/19	07/01/19	07/01/19	07/01/19	09/01/19
										Investigation						
										Geology	MG	MG	MG-G	MG-G	MG-G	CHES
Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	55	20	12	8.2	12	1.3
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	19	44	40	25	40	12
Beryllium	1.7	.GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	2.2	1.6	2.2	3.9	2.3	0.5
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.3	0.3	0.4	0.3	0.5	0.1
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	18	18	25	27	17	15
Chromium - Hexavalent	6	.GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1	<1		<1	<1
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	270	150	300	260	310	19
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	290	210	460	190	520	18
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	0.45	0.29	0.63	0.44	1	<0.05
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	38	35	45	50	40	16
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	54	46	76	58	61	36
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	120	91	130	88	180	67
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	6.1	6.5	6.5	6.5	6.9	7.4
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	<0.1	<0.1	0.3	0.4	68	<0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	iAC (chror	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	.GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	0.7	0.7	0.9	1	0.5	1.1
Total Organic Carbon			%	No GAC	-	<0.1	54		0	13	11	27	17	32	0.7
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	NAD	NAD	NAD		NAD	NAD
Asbestos Analysts Comments			---	No GAC	-				0	na	na	na		na	na
Phenol and mineral oils															
Phenol	380	.GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0						
Phenol (Monohydric)	380	.GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	1	0.5	0.4	0.4	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5		<1.5		<1.5	<1.5
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2		<1.2		<1.2	<1.2
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5		<1.5		<1.5	<1.5
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4		<3.4		<3.4	<3.4
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0						
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0	<10		<10		<10	<10
Aliphatics >C5-6	160	.GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01		<0.01		<0.01	<0.01
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01		<0.01		<0.01	<0.01
Aliphatics >C8-10	154	.GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01		<0.01		<0.01	<0.01
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9		<0.9		<0.9	<0.9
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	<0.5		<0.5		<0.5	<0.5
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	<0.6		<0.6		<0.6	<0.6
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	<1.4		<1.4		<1.4	<1.4
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0						
Aromatics >C7-8	657	iAC (tolue	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01		<0.01		<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_TP112	01_TP112	01_TP115	01_TP115	01_TP115	01_TP119
Hole Ref										01_TP112	01_TP112	01_TP115	01_TP115	01_TP115	01_TP119
Sample Ref										2	8	2	5	11	10
Easting										384552.675	384552.675	384456.531	384456.531	384456.531	384483.283
Northing										399614.062	399614.062	399526.838	399526.838	399526.838	399475.961
Hole Elevation (mOD)										40.83	40.83	40.513	40.513	40.513	31.601
Sample Depth (mbgl)										0.3	2.3	0.3	1.3	3.3	3
Sample Date										07/01/19	07/01/19	07/01/19	07/01/19	07/01/19	09/01/19
Investigation															
Geology										MG	MG	MG-G	MG-G	MG-G	CHES
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0	<0.01		<0.01		<0.01	<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0		31		210		
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0						
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0						
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0	<10		<10		<10	<10
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0	<10		<10		<10	<10
PAH															
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0	<0.03		0.05		0.08	<0.03
Dibenz-a-h-anthracene	0.305	GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0	<0.03		0.04		0.06	<0.03
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0	0.12		1		1.2	<0.03
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0	<0.03		0.04		0.06	<0.03
Indeno(1,2,3-cd)pyrene	41.2	GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0	<0.03		0.15		0.2	<0.03
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0	0.11		0.54		0.71	<0.03
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0	0.1		1		1.2	<0.03
Napthalene	13.2	GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0	0.04		0.09		0.12	<0.03
Pah,Total			mg/kg	No GAC	-	<0.1	620		0	0.52	2.2	5.5	14	6.7	<0.1
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0	<0.03		0.04		0.06	<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0	<0.03		0.26		0.33	<0.03
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0	0.04		0.45		0.53	<0.03
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0	<0.03		0.18		0.23	<0.03
Benzo(a)pyrene	3	GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0	<0.03		0.39		0.5	<0.03
Benzo(b)fluoranthene	3.7	GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0	0.05		0.55		0.67	<0.03
Benzo(k)fluoranthene	100	GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0	<0.03		0.19		0.24	<0.03
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0	0.06		0.49		0.58	<0.03
BTEX															
Benzene	0.37	GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0						
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0						
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0		<0.04		<0.04		
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	6.41	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1,1-Trichloroethane	39.4	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
1,2,3 Trichlorobenzene	8.6	GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0						
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						
1,2,4-Trichlorobenzene	15.2	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0						
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0						
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0						
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,2-Dichloroethane	0.0187	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0						
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0						
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_TP112	01_TP112	01_TP115	01_TP115	01_TP115	01_TP119
										Sample Ref	2	8	2	5	11	10
										Easting	384552.675	384552.675	384456.531	384456.531	384456.531	384483.283
										Northing	399614.062	399614.062	399526.838	399526.838	399526.838	399475.961
										Hole Elevation (mOD)	40.83	40.83	40.513	40.513	40.513	31.601
										Sample Depth (mbgl)	0.3	2.3	0.3	1.3	3.3	3
										Sample Date	07/01/19	07/01/19	07/01/19	07/01/19	07/01/19	09/01/19
										Investigation						
										Geology	MG	MG	MG-G	MG-G	MG-G	CHES
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0							
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0							
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0							
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0							
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0							
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0							
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0							
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0							
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0							
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0							
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0							
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0
Iron			mg/kg	No GAC	-	27000	46000		0
Loss on ignition			%	No GAC	-	1.3	19		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0

Hole Ref	01_TP112	01_TP112	01_TP115	01_TP115	01_TP115	01_TP119
Sample Ref	2	8	2	5	11	10
Easting	384552.675	384552.675	384456.531	384456.531	384456.531	384483.283
Northing	399614.062	399614.062	399526.838	399526.838	399526.838	399475.961
Hole Elevation (mOD)	40.83	40.83	40.513	40.513	40.513	31.601
Sample Depth (mbgl)	0.3	2.3	0.3	1.3	3.3	3
Sample Date	07/01/19	07/01/19	07/01/19	07/01/19	07/01/19	09/01/19
Investigation						
Geology	MG	MG	MG-G	MG-G	MG-G	CHES
	<0.01		<0.01		<0.01	<0.01
		8.1		6.6		
		<0.01		<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_TP119&0.2&4	01_TP120&0.3&4	01_TP120&1&20	01_TP121&0.3&4	01_TP121&2.3&4	01_TP122&0.3&4
Hole Ref										01_TP119	01_TP120	01_TP120	01_TP121	01_TP121	01_TP122
Sample Ref										1	1	5	2	8	2
Easting										384483.283	384451.844	384451.844	384442.251	384442.251	384423.36
Northing										399475.961	399460.069	399460.069	399393.368	399393.368	399438.117
Hole Elevation (mOD)										31.601	31.069	31.069	30.274	30.274	30.448
Sample Depth (mbgl)										0.2	0.3	1	0.3	2.3	0.3
Sample Date										09/01/19	09/01/19	09/01/19	11/01/19	11/01/19	11/01/19
Investigation															
Geology										MG-G	MG	MG	MG	MG-G	MG
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	1.3	2.7	3.7	6.6	<1	59
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	4.1	16	19	18	4.5	23
Beryllium	1.7	GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	<0.2	1.2	1.9	1	<0.2	1.3
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.6	0.9	0.6	0.4	<0.1	0.4
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	12	19	22	15	6.8	15
Chromium - Hexavalent	6	GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1	<1	<1	<1	<1
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	59	110	120	350	10	280
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	47	2100	96	440	28	730
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	<0.05	0.14	0.13	0.39	<0.05	0.18
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	7.5	17	28	28	6.5	24
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	10	23	35	28	8.7	29
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	100	140	140	280	35	260
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	11.6	10.1	8.3	8.1	8	8.1
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	<0.1	0.4	0.3	0.2	<0.1	<0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0			0.3			
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0			<0.1			
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0			0.8			
Boron	290	GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	1.6	1	1.5	1.2	0.8	1.1
Total Organic Carbon			%	No GAC	-	<0.1	54		0	0.9	4.5	16	4.3	0.7	3.7
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	NAD	NAD	Chrysotile	NAD	NAD	NAD
Asbestos Analysts Comments			---	No GAC	-				0	na	na	roscopic cement	na	na	na
Phenol and mineral oils															
Phenol	380	GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0			<0.1			
Phenol (Monohydric)	380	GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	3.7	<1.2	<1.2	<1.2	<1.2	<1.2
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	25	<1.5	<1.5	<1.5	<1.5	<1.5
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	91	<3.4	<3.4	<3.4	<3.4	<3.4
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0						
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0	120	<10	<10	<10	<10	<10
Aliphatics >C5-6	160	GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C8-10	154	GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0						
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_TP119	01_TP120	01_TP120	01_TP121	01_TP121	01_TP122
										Sample Ref	1	1	5	2	8	2
										Easting	384483.283	384451.844	384451.844	384442.251	384442.251	384423.36
										Northing	399475.961	399460.069	399460.069	399393.368	399393.368	399438.117
										Hole Elevation (mOD)	31.601	31.069	31.069	30.274	30.274	30.448
										Sample Depth (mbgl)	0.2	0.3	1	0.3	2.3	0.3
										Sample Date	09/01/19	09/01/19	09/01/19	11/01/19	11/01/19	11/01/19
										Investigation						
										Geology	MG-G	MG	MG	MG	MG-G	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0							
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0							
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0		120	<10	<10	<10	<10	<10
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0		<10	<10	<10	<10	<10	<10
PAH																
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0		<0.03	<0.03	<0.1	<0.03	<0.03	<0.03
Dibenz-a-h-anthracene	0.305	GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0		<0.03	<0.03	<0.1	<0.03	<0.03	<0.03
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0		0.24	0.08	0.3	<0.03	<0.03	<0.03
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0		<0.03	<0.03	<0.1	<0.03	<0.03	<0.03
Indeno(1,2,3-cd)pyrene	41.2	GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0		0.06	<0.03	0.1	<0.03	<0.03	<0.03
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0		0.07	0.05	0.1	<0.03	<0.03	<0.03
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0		0.2	0.06	0.3	<0.03	<0.03	<0.03
Napthalene	13.2	GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0		<0.03	<0.03	<0.01	<0.03	<0.03	<0.03
Pah,Total			mg/kg	No GAC	-	<0.1	620		0		1	0.2		<0.1	<0.1	<0.1
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0		<0.03	<0.03	<0.1	<0.03	<0.03	<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0		<0.03	<0.03	<0.1	<0.03	<0.03	<0.03
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0		0.06	<0.03	0.2	<0.03	<0.03	<0.03
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0		0.09	<0.03	0.1	<0.03	<0.03	<0.03
Benzo(a)pyrene	3	GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0		0.06	<0.03	0.2	<0.03	<0.03	<0.03
Benzo(b)fluoranthene	3.7	GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0		0.1	<0.03	0.2	<0.03	<0.03	<0.03
Benzo(k)fluoranthene	100	GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0		0.05	<0.03	<0.1	<0.03	<0.03	<0.03
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0		0.11	0.03	0.2	<0.03	<0.03	<0.03
BTEX																
Benzene	0.37	GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0				<0.01			
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0		<0.01	<0.01		<0.01	<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0				<0.01			
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0							
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	6.41	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,1,1-Trichloroethane	39.4	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			
1,2,3 Trichlorobenzene	8.6	GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0				<0.01			
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			
1,2,4-Trichlorobenzene	15.2	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0				<0.01			
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0				<0.01			
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,2-Dichloroethane	0.0187	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0				<0.01			
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_TP119 1	01_TP120 1	01_TP120 5	01_TP121 2	01_TP121 8	01_TP122 2
Hole Ref										01_TP119	01_TP120	01_TP120	01_TP121	01_TP121	01_TP122
Sample Ref										1	1	5	2	8	2
Easting										384483.283	384451.844	384451.844	384442.251	384442.251	384423.36
Northing										399475.961	399460.069	399460.069	399393.368	399393.368	399438.117
Hole Elevation (mOD)										31.601	31.069	31.069	30.274	30.274	30.448
Sample Depth (mbgl)										0.2	0.3	1	0.3	2.3	0.3
Sample Date										09/01/19	09/01/19	09/01/19	11/01/19	11/01/19	11/01/19
Investigation															
Geology										MG-G	MG	MG	MG	MG-G	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0			<0.1			
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0			<0.1			
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0			<0.1			
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0			<0.1			
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0			<0.1			
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0			<0.1			
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0			<0.1			
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0			<0.1			
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0			<0.01			
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0			<0.1			
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0			<0.01			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0
Iron			mg/kg	No GAC	-	27000	46000		0
Loss on ignition			%	No GAC	-	1.3	19		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0

Hole Ref	01_TP119	01_TP120	01_TP120	01_TP121	01_TP121	01_TP122
Sample Ref	1	1	5	2	8	2
Easting	384483.283	384451.844	384451.844	384442.251	384442.251	384423.36
Northing	399475.961	399460.069	399460.069	399393.368	399393.368	399438.117
Hole Elevation (mOD)	31.601	31.069	31.069	30.274	30.274	30.448
Sample Depth (mbgl)	0.2	0.3	1	0.3	2.3	0.3
Sample Date	09/01/19	09/01/19	09/01/19	11/01/19	11/01/19	11/01/19
Investigation						
Geology	MG-G	MG	MG	MG	MG-G	MG
			<0.01			
			<0.01			
			<0.01			
			<0.01			
			<0.01			
			<0.01			
			<0.01			
			<0.01			
			<0.01			
			<0.01			
			<0.01			
			<0.01			
			<0.01			
			<0.1			
			<0.1			
			<0.1			
<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_TP124&3.2&4	01_TP124&0.3&2	01_TP125&0.3&2	01_TP126&0.3&2	01_TP126&2.2&4	01_TP127&0.3&2
Hole Ref										01_TP124	01_TP124	01_TP125	01_TP126	01_TP126	01_TP127
Sample Ref										11	3	1	1	10	1
Easting										384763.554	384763.554	384525.517	384574.85	384574.85	384520.567
Northing										399485.198	399485.198	399388.873	399411.048	399411.048	399360.521
Hole Elevation (mOD)										39.485	39.485	30.685	31.374	31.374	31.249
Sample Depth (mbgl)										3.2	0.3	0.3	0.3	2.2	0.3
Sample Date										11/01/19	11/01/19	10/01/19	09/01/19	09/01/19	10/01/19
Investigation															
Geology										GTD	MG	MG	MG	MG	MG
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	4.8	180	4.9	2.6	1.1	1.5
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	7.1	61	14	9.5	6.6	17
Beryllium	1.7	.GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	0.9	1.8	0.7	0.5	0.6	0.7
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	<0.1	1.6	0.7	3	0.1	0.4
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	20	33	31	18	19	19
Chromium - Hexavalent	6	.GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1	<1	<1	<1	<1
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	59	4200	41	39	16	37
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	110	12000	830	120	27	87
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	<0.05	2.5	0.43	0.72	0.1	0.23
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	27	43	18	18	15	16
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	24	86	39	34	26	26
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	73	1300	150	520	53	100
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	7.5	7.5	10.2	10.2	8.7	9.8
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	0.2	89	0.2	0.1	<0.1	<0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	.GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	1	1.6	1.4	1.4	0.9	1.4
Total Organic Carbon			%	No GAC	-	<0.1	54		0	0.7	41	3.1	2.2	0.7	2.7
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	NAD	NAD hrysotile Amosite mosite Chrysotile			NAD mosite Chrysotile	
Asbestos Analysts Comments			---	No GAC	-				0	na	na nd Amosite in soil otile fibres in soil			na nd Amosite fibres	
Phenol and mineral oils															
Phenol	380	.GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0						
Phenol (Monohydric)	380	.GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5	<1.5	<1.5	2.8	<1.5	<1.5
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2	<1.2	<1.2	8.7	<1.2	<1.2
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5	<1.5	<1.5	19	<1.5	<1.5
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4	<3.4	<3.4	86	<3.4	<3.4
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0						
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0	<10	<10	<10	120	<10	<10
Aliphatics >C5-6	160	.GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C8-10	154	.GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9	1.2	<0.9	<0.9	<0.9	<0.9
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	<0.5	<0.5	<0.5	<0.5	<0.5	4.2
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	<0.6	6.4	<0.6	9.2	<0.6	12
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	<1.4	15	<1.4	97	<1.4	53
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0						
Aromatics >C7-8	657	AC (tolue	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_TP124	01_TP124	01_TP125	01_TP126	01_TP126	01_TP127
										Sample Ref	11	3	1	1	10	1
										Easting	384763.554	384763.554	384525.517	384574.85	384574.85	384520.567
										Northing	399485.198	399485.198	399388.873	399411.048	399411.048	399360.521
										Hole Elevation (mOD)	39.485	39.485	30.685	31.374	31.374	31.249
										Sample Depth (mbgl)	3.2	0.3	0.3	0.3	2.2	0.3
										Sample Date	11/01/19	11/01/19	10/01/19	09/01/19	09/01/19	10/01/19
										Investigation						
										Geology	GTD	MG	MG	MG	MG	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0							
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0							
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0		<10	23	<10	220	<10	69
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0		<10	23	<10	110	<10	69
PAH																
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0		<0.03	<0.03	0.29	0.23	<0.03	0.16
Dibenz-a-h-anthracene	0.305	GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0		<0.03	<0.03	0.04	0.05	<0.03	0.04
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0		0.09	0.54	1.3	1.9	<0.03	1.2
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0		<0.03	<0.03	0.17	0.15	<0.03	0.09
Indeno(1,2,3-cd)pyrene	41.2	GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0		<0.03	0.08	0.15	0.19	<0.03	0.16
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0		0.08	0.35	1.1	1.6	<0.03	0.71
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0		0.08	0.55	1.2	1.7	<0.03	1.1
Napthalene	13.2	GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0		<0.03	<0.03	0.19	0.16	<0.03	0.1
Pah,Total			mg/kg	No GAC	-	<0.1	620		0		0.37	2.7	6.6	9.1	<0.1	5.6
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0		<0.03	0.08	0.26	0.37	<0.03	0.17
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0		0.04	0.21	0.4	0.6	<0.03	0.37
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0		<0.03	0.1	0.17	0.21	<0.03	0.18
Benzo(a)pyrene	3	GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0		<0.03	0.18	0.31	0.44	<0.03	0.32
Benzo(b)fluoranthene	3.7	GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0		0.04	0.24	0.44	0.59	<0.03	0.47
Benzo(k)fluoranthene	100	GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0		<0.03	0.08	0.16	0.24	<0.03	0.17
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0		0.04	0.23	0.46	0.69	<0.03	0.43
BTEX																
Benzene	0.37	GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0							
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0							
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0							
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	6.41	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,1-Trichloroethane	39.4	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,3 Trichlorobenzene	8.6	GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0							
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,4-Trichlorobenzene	15.2	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0							
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0							
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloroethane	0.0187	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0							
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0							
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_TP124	01_TP124	01_TP125	01_TP126	01_TP126	01_TP127
										Sample Ref	11	3	1	1	10	1
										Easting	384763.554	384763.554	384525.517	384574.85	384574.85	384520.567
										Northing	399485.198	399485.198	399388.873	399411.048	399411.048	399360.521
										Hole Elevation (mOD)	39.485	39.485	30.685	31.374	31.374	31.249
										Sample Depth (mbgl)	3.2	0.3	0.3	0.3	2.2	0.3
										Sample Date	11/01/19	11/01/19	10/01/19	09/01/19	09/01/19	10/01/19
										Investigation						
										Geology	GTD	MG	MG	MG	MG	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0							
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0							
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0							
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0							
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0							
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0							
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0							
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0							
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0							
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0							
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0							
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0							

1 3 4 2

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	01_TP124	01_TP124	01_TP125	01_TP126	01_TP126	01_TP127
Sample Ref	11	3	1	1	10	1
Easting	384763.554	384763.554	384525.517	384574.85	384574.85	384520.567
Northing	399485.198	399485.198	399388.873	399411.048	399411.048	399360.521
Hole Elevation (mOD)	39.485	39.485	30.685	31.374	31.374	31.249
Sample Depth (mbgl)	3.2	0.3	0.3	0.3	2.2	0.3
Sample Date	11/01/19	11/01/19	10/01/19	09/01/19	09/01/19	10/01/19
Investigation						
Geology	GTD	MG	MG	MG	MG	MG

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_TP124 (11)	01_TP124 (3)	01_TP125 (1)	01_TP126 (1)	01_TP126 (10)	01_TP127 (1)
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0						
Tetrachloroethene	0.903	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tetrachloromethane (Carbon Tetra Chlori	0.127	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Trichloroethene	0.0753	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0						
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0						
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0						
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0						
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0						
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron			mg/kg	No GAC	-	27000	46000		0						
Loss on ignition			%	No GAC	-	1.3	19		0						
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0						
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0						
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0						
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0						
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0						
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_WS104&1&2(	01_WS105&0.3&	01_WS106&1&2(	GEO_BH201&0.3	GEO_BH202&1.2	GEO_BH202&2.2
Hole Ref										01_WS104	01_WS105	01_WS106	GEO_BH201	GEO_BH202	GEO_BH202
Sample Ref										6	3	5	3	4	7
Easting										384569.278	384294.085	384611.937	384762.04	384723.888	384723.888
Northing										399463.63	399279.174	399505.689	399820.851	399716.141	399716.141
Hole Elevation (mOD)										31.49	29.447	31.522	43.4	42.663	42.663
Sample Depth (mbgl)										1	0.3	1	0.3	1.2	2.2
Sample Date										08/01/19	10/01/19	08/01/19	22/03/21	23/02/21	23/02/21
Investigation													NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG-CO
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	3.4	6.3	2.5	1	2.2	1.4
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	15	12	7.5	5.5	15	8.4
Beryllium	1.7	.GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	0.5	0.4	0.3	<0.2	1.5	0.9
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.6	4.7	0.9	0.3	0.6	0.4
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	15	38	11	11	16	17
Chromium - Hexavalent	6	.GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1	<1	<1	<1	
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	90	190	79	33	120	56
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	290	490	140	27	140	48
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	0.11	0.13	0.41	<0.05	0.45	0.16
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	15	42	14	9.8	30	21
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	0.9	0.7	<0.5	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	23	27	17	18	37	25
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	310	1700	120	65	190	83
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	9	8.7	9.9	8.6	8.1	8
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	8.5	0.8	4	0.1	0.1	<0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0	8.3		3.9			
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0	0.2		0.1			
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0	<0.6		<0.6			
Boron	290	.GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	1.1	1	1.3	0.2	0.7	0.4
Total Organic Carbon			%	No GAC	-	<0.1	54		0	6.1	2.2	4.5	0.3	1.4	0.8
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	Amosite	NAD	Amosite	NAD	NAD	
Asbestos Analysts Comments			---	No GAC	-				0	in small bundles	na	in small bundles	na	na	
Phenol and mineral oils															
Phenol	380	.GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0	0.3		<0.1			
Phenol (Monohydric)	380	.GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	<0.3	0.4	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5	<1.5	<1.5	<1.5	<1.5	
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2	<1.2	15	<1.2	<1.2	
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5	<1.5	7.2	<1.5	<1.5	
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4	<3.4	170	<3.4	<3.4	
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0						
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0	<10	<10	190	<10	<10	
Aliphatics >C5-6	160	.GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01	<0.01	<0.01	<0.01	<0.01	
Aliphatics >C8-10	154	.GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01	<0.01	<0.01	<0.01	<0.01	
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	1	<0.9	<0.9	<0.9	<0.9	
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	4.3	<0.5	2.4	<0.5	0.6	
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	22	<0.6	17	<0.6	7.9	
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	47	<1.4	240	<1.4	44	
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0						
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_WS104	01_WS105	01_WS106	GEO_BH201	GEO_BH202	GEO_BH202
Hole Ref										01_WS104	01_WS105	01_WS106	GEO_BH201	GEO_BH202	GEO_BH202
Sample Ref										6	3	5	3	4	7
Easting										384569.278	384294.085	384611.937	384762.04	384723.888	384723.888
Northing										399463.63	399279.174	399505.689	399820.851	399716.141	399716.141
Hole Elevation (mOD)										31.49	29.447	31.522	43.4	42.663	42.663
Sample Depth (mbgl)										1	0.3	1	0.3	1.2	2.2
Sample Date										08/01/19	10/01/19	08/01/19	22/03/21	23/02/21	23/02/21
Investigation													NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG-CO
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0	<0.01	<0.01	<0.01	<0.01	<0.01	
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0						
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0						
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0						
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0	74	<10	450	<10	52	
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0	74	<10	260	<10	52	
PAH															
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0	5.5	0.05	0.4	<0.03	0.29	
Dibenz-a-h-anthracene	0.305	.GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0	2.4	<0.03	0.2	<0.03	<0.03	
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0	50	0.26	3	0.32	1.9	
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0	13	0.03	0.3	<0.03	0.29	
Indeno(1,2,3-cd)pyrene	41.2	.GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0	7.4	0.04	0.9	0.05	0.12	
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0	61	0.27	1.8	0.14	2.2	
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0	48	0.26	2.7	0.26	1.8	
Napthalene	13.2	.GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0	<0.01	0.04	0.02	0.03	0.27	
Pah,Total			mg/kg	No GAC	-	<0.1	620		0		1.4		1.5	9.3	
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0	7.7	<0.03	0.3	<0.03	0.06	
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0	14	0.04	0.7	0.18	0.38	
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0	19	0.09	1.2	0.09	0.49	
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0	9.5	0.04	1.1	0.06	0.14	
Benzo(a)pyrene	3	.GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0	17	0.07	1.5	0.07	0.31	
Benzo(b)fluoranthene	3.7	.GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0	17	0.09	1.7	0.13	0.39	
Benzo(k)fluoranthene	100	.GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0	6.5	0.04	0.5	0.05	0.14	
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0	20	0.11	1.2	0.14	0.58	
BTEX															
Benzene	0.37	.GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0	<0.01	<0.01	<0.01	<0.01	<0.01	
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0	<0.01		<0.01			
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0		<0.01		<0.01	<0.01	
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0	<0.01		<0.01			
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0						
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	6.41	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
1,1,1-Trichloroethane	39.4	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		<0.01			
1,2,3 Trichlorobenzene	8.6	.GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		<0.01			
1,2,4-Trichlorobenzene	15.2	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0	<0.01		<0.01			
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0	<0.01		<0.01			
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		<0.01			
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
1,2-Dichloroethane	0.0187	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0	<0.01		<0.01			
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		<0.01			
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		<0.01			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	01_WS104	01_WS105	01_WS106	GEO_BH201	GEO_BH202	GEO_BH202
Hole Ref										01_WS104	01_WS105	01_WS106	GEO_BH201	GEO_BH202	GEO_BH202
Sample Ref										6	3	5	3	4	7
Easting										384569.278	384294.085	384611.937	384762.04	384723.888	384723.888
Northing										399463.63	399279.174	399505.689	399820.851	399716.141	399716.141
Hole Elevation (mOD)										31.49	29.447	31.522	43.4	42.663	42.663
Sample Depth (mbgl)										1	0.3	1	0.3	1.2	2.2
Sample Date										08/01/19	10/01/19	08/01/19	22/03/21	23/02/21	23/02/21
Investigation													NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG-CO
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	0.2		<0.1			
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	<0.1		<0.1			
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		<0.01			
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0	8.8		<0.1			
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	0.2		<0.1			
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		<0.01			
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		<0.01			
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0	6.2		<0.1			
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		<0.01			
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0	3.5		<0.1			
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0	8.3		0.2			
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		<0.01			
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		<0.01			
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		<0.01			
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0	11		<0.1			
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		<0.1			
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1		<0.1			
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0	<0.01		<0.01			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	01_WS104	01_WS105	01_WS106	GEO_BH201	GEO_BH202	GEO_BH202
										Sample Ref	6	3	5	3	4	7
										Easting	384569.278	384294.085	384611.937	384762.04	384723.888	384723.888
										Northing	399463.63	399279.174	399505.689	399820.851	399716.141	399716.141
										Hole Elevation (mOD)	31.49	29.447	31.522	43.4	42.663	42.663
										Sample Depth (mbgl)	1	0.3	1	0.3	1.2	2.2
										Sample Date	08/01/19	10/01/19	08/01/19	22/03/21	23/02/21	23/02/21
										Investigation				NW1604	NW1604	NW1604
										Geology	MG	MG	MG	MG	MG	MG-CO
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01		<0.01			
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01		<0.01			
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01		<0.01			
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01		<0.01			
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01		<0.01			
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01		<0.01			
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01		<0.01			
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01		<0.01			
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01		<0.01			
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0		<0.01		<0.01			
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01		<0.01			
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01		<0.01			
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1			
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0		0.4		<0.1			
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1		<0.1			
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0							
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0							
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	
Iron			mg/kg	No GAC	-	27000	46000		0							
Loss on ignition			%	No GAC	-	1.3	19		0							
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0							
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0							
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0							
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0							
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

	GEO_BH205&1.8	GEO_BH205&2.8	GEO_BH206&3.2	GEO_BH206&1.2	GEO_BH207&1.2	GEO_BH207&2.2
Hole Ref	GEO_BH205	GEO_BH205	GEO_BH206	GEO_BH206	GEO_BH207	GEO_BH207
Sample Ref	7	10	11	6	4	7
Easting	384689.078	384689.078	384729.233	384729.233	384654.246	384654.246
Northing	399735.153	399735.153	399690.75	399690.75	399626.1	399626.1
Hole Elevation (mOD)	42.578	42.578	42.692	42.692	41.638	41.638
Sample Depth (mbgl)	1.8	2.8	3.2	1.2	1.2	2.2
Sample Date	31/03/21	31/03/21	24/03/21	24/03/21	08/04/21	08/04/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	GTD	GTD	GTD	MG	MG	MG

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	<1	<1	<1	2.5	11	
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	6.6	6.7	7.5	18	53	
Beryllium	1.7	.GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	0.5	0.4	0.8	1	2.6	
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.1	0.3	0.2	0.6	1.1	
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	14	12	19	26	24	
Chromium - Hexavalent	6	.GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1		<1		
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	18	13	27	73	240	
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	9.8	6.4	14	51	240	
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	<0.05	<0.05	<0.05	0.1	0.69	
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	18	14	28	38	38	
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	<0.5	<0.5	1	
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	18	16	23	38	61	
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	41	29	63	180	300	
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	8.1	8.3	7.7	7.6	6.8	
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	<0.1	<0.1	<0.1	<0.1	0.5	
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	iAC (chror	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	.GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	0.4	0.3	0.3	0.4	0.4	
Total Organic Carbon			%	No GAC	-	<0.1	54		0	0.4	0.6	0.5	0.6	30	7.4
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	NAD	NAD		NAD	NAD	
Asbestos Analysts Comments			---	No GAC	-				0	na	na		na	na	
Phenol and mineral oils															
Phenol	380	.GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0						
Phenol (Monohydric)	380	.GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	<0.3	<0.3	<0.3	<0.3	
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5	<1.5		<1.5		
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2	<1.2		<1.2		
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5	<1.5		<1.5		
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4	<3.4		<3.4		
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0	<3.4	<3.4				
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0				<10		
Aliphatics >C5-6	160	.GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01		<0.01		
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01	<0.01		<0.01		
Aliphatics >C8-10	154	.GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01	<0.01		<0.01		
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9	<0.9		<0.9		
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	<0.5	<0.5		<0.5		
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	<0.6	<0.6		<0.6		
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	<1.4	<1.4		<1.4		
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0	<1.4	<1.4				
Aromatics >C7-8	657	iAC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01		<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_BH205	GEO_BH205	GEO_BH206	GEO_BH206	GEO_BH207	GEO_BH207
										Sample Ref	7	10	11	6	4	7
										Easting	384689.078	384689.078	384729.233	384729.233	384654.246	384654.246
										Northing	399735.153	399735.153	399690.75	399690.75	399626.1	399626.1
										Hole Elevation (mOD)	42.578	42.578	42.692	42.692	41.638	41.638
										Sample Depth (mbgl)	1.8	2.8	3.2	1.2	1.2	2.2
										Sample Date	31/03/21	31/03/21	24/03/21	24/03/21	08/04/21	08/04/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	GTD	GTD	GTD	MG	MG	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0		<0.01	<0.01		<0.01		
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0							<10
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0		<10	<10				
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0		<10	<10				
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0					<10		
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0					<10		
PAH																
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0		<0.03	<0.03		0.09	0.29	
Dibenz-a-h-anthracene	0.305	.GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0		<0.03	<0.03		<0.03	0.04	
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0		<0.03	<0.03		0.74	1.4	
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0		<0.03	<0.03		0.1	0.15	
Indeno(1,2,3-cd)pyrene	41.2	.GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0		<0.03	<0.03		0.09	0.12	
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0		<0.03	<0.03		0.83	1.3	
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0		<0.03	<0.03		0.76	1.4	
Napthalene	13.2	.GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0		<0.03	<0.03		0.17	0.51	
Pah,Total			mg/kg	No GAC	-	<0.1	620		0		<0.1	<0.1		4.2	7.2	<1.6
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0		<0.03	<0.03		<0.03	<0.03	
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0		<0.03	<0.03		0.17	0.2	
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0		<0.03	<0.03		0.27	0.4	
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0		<0.03	<0.03		0.12	0.13	
Benzo(a)pyrene	3	.GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0		<0.03	<0.03		0.22	0.28	
Benzo(b)fluoranthene	3.7	.GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0		<0.03	<0.03		0.24	0.45	
Benzo(k)fluoranthene	100	.GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0		<0.03	<0.03		0.09	0.15	
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0		<0.03	<0.03		0.31	0.44	
BTEX																
Benzene	0.37	.GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01		<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01		<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0		<0.01	<0.01		<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0							
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0		<0.01	<0.01		<0.01	<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0							
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0							<0.04
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	6.41	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,1-Trichloroethane	39.4	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,3 Trichlorobenzene	8.6	.GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0							
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,4-Trichlorobenzene	15.2	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0							
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0							
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloroethane	0.0187	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0							
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0							
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_BH205	GEO_BH205	GEO_BH206	GEO_BH206	GEO_BH207	GEO_BH207
										Sample Ref	7	10	11	6	4	7
										Easting	384689.078	384689.078	384729.233	384729.233	384654.246	384654.246
										Northing	399735.153	399735.153	399690.75	399690.75	399626.1	399626.1
										Hole Elevation (mOD)	42.578	42.578	42.692	42.692	41.638	41.638
										Sample Depth (mbgl)	1.8	2.8	3.2	1.2	1.2	2.2
										Sample Date	31/03/21	31/03/21	24/03/21	24/03/21	08/04/21	08/04/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	GTD	GTD	GTD	MG	MG	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0							
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0							
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0							
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0							
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0							
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0							
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0							
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0							
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0							
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0							
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0							
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0							
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0							
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0							
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0							
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0							
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0
Iron			mg/kg	No GAC	-	27000	46000		0
Loss on ignition			%	No GAC	-	1.3	19		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0

Hole Ref	GEO_BH205	GEO_BH205	GEO_BH206	GEO_BH206	GEO_BH207	GEO_BH207
Sample Ref	7	10	11	6	4	7
Easting	384689.078	384689.078	384729.233	384729.233	384654.246	384654.246
Northing	399735.153	399735.153	399690.75	399690.75	399626.1	399626.1
Hole Elevation (mOD)	42.578	42.578	42.692	42.692	41.638	41.638
Sample Depth (mbgl)	1.8	2.8	3.2	1.2	1.2	2.2
Sample Date	31/03/21	31/03/21	24/03/21	24/03/21	08/04/21	08/04/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	GTD	GTD	GTD	MG	MG	MG
Aliphatics >C10-44	<10	<10				
Aromatics >C5-7	<0.01	<0.01		<0.01		
Loss on ignition						6.2
PCB, Total Of 7 Congeners						<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	GEO_BH207&5.2	GEO_BH207&10	GEO_BH207&13	GEO_BH208&0.3	GEO_BH208&4.2	GEO_BH208&8.2
Hole Ref										GEO_BH207	GEO_BH207	GEO_BH207	GEO_BH208	GEO_BH208	GEO_BH208
Sample Ref										16	26	32	3	12	20
Easting										384654.246	384654.246	384654.246	384562.98	384562.98	384562.98
Northing										399626.1	399626.1	399626.1	399592.56	399592.56	399592.56
Hole Elevation (mOD)										41.638	41.638	41.638	40.66	40.66	40.66
Sample Depth (mbgl)										5.2	10.2	13.2	0.3	4.2	8.2
Sample Date										08/04/21	09/04/21	09/04/21	08/04/21	08/04/21	08/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	5.9	2.8	2.1	8.9	2.3	6.5
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	18	21	30	28	25	36
Beryllium	1.7	.GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	1.6	3.9	1.7	1.8	1.6	2
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.3	0.9	0.7	1	0.3	0.6
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	190	28	31	17	25	29
Chromium - Hexavalent	6	.GAC/S4U	mg/kg	0 of 95	0	<1	<1		0				<1	<1	
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	130	160	79	220	130	220
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	190	170	140	150	90	160
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	0.17	0.21	0.2	10	0.07	17
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	25	45	35	28	30	33
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	1.3	<0.5	<0.5	0.6	<0.5	0.7
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	640	68	41	48	38	52
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	88	140	130	160	97	140
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	7	10.9	7.4	6.7	7.1	6.8
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	1.3	9.1	18	0.5	0.4	0.6
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	.GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	0.8	0.5	0.8	0.3	0.4	0.4
Total Organic Carbon			%	No GAC	-	<0.1	54		0	22	18	19	29	29	29
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	NAD		NAD	NAD	NAD	
Asbestos Analysts Comments			---	No GAC	-				0	na		na	na	na	
Phenol and mineral oils															
Phenol	380	.GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0			<0.1			
Phenol (Monohydric)	380	.GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	0.4	<0.3	1.5	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0			<1.5	<1.5	<1.5	
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1			<1.2	<1.2	<1.2	
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4			<1.5	<1.5	<1.5	
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12			<3.4	<3.4	<3.4	
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0			<3.4	<3.4	<3.4	
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0						
Aliphatics >C5-6	160	.GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0			<0.01	<0.01	<0.01	
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0			<0.01	<0.01	<0.01	
Aliphatics >C8-10	154	.GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0			<0.01	<0.01	<0.01	
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0			<0.9	<0.9	<0.9	
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0			<0.5	<0.5	<0.5	
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0			<0.6	<0.6	<0.6	
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0			<1.4	<1.4	<1.4	
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0			<1.4	<1.4	<1.4	
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0			<0.01	<0.01	<0.01	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	GEO_BH207	GEO_BH207	GEO_BH207	GEO_BH208	GEO_BH208	GEO_BH208
Sample Ref	16	26	32	3	12	20
Easting	384654.246	384654.246	384654.246	384562.98	384562.98	384562.98
Northing	399626.1	399626.1	399626.1	399592.56	399592.56	399592.56
Hole Elevation (mOD)	41.638	41.638	41.638	40.66	40.66	40.66
Sample Depth (mbgl)	5.2	10.2	13.2	0.3	4.2	8.2
Sample Date	08/04/21	09/04/21	09/04/21	08/04/21	08/04/21	08/04/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	MG	MG	MG	MG	MG	MG

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation			
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0	<0.01	<0.01	<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0			
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0	<10	<10	<10
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0		<10	<10
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0			
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0			
PAH												
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0	0.1	0.03	<0.03
Dibenz-a-h-anthracene	0.305	GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0	0.04	<0.03	<0.03
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0	1.7	0.54	0.12
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0	0.24	<0.03	<0.03
Indeno(1,2,3-cd)pyrene	41.2	GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0	0.13	0.07	<0.03
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0	1.4	0.29	0.09
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0	1.8	0.55	0.1
Napthalene	13.2	GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0	0.03	0.07	0.05
Pah,Total			mg/kg	No GAC	-	<0.1	620		0	7.9	2.5	0.4
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0	0.08	<0.03	<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0	0.39	0.05	<0.03
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0	0.45	0.19	0.04
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0	0.18	0.07	<0.03
Benzo(a)pyrene	3	GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0	0.3	0.14	<0.03
Benzo(b)fluoranthene	3.7	GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0	0.43	0.23	<0.03
Benzo(k)fluoranthene	100	GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0	0.14	0.09	<0.03
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0	0.41	0.18	0.04
BTEX												
Benzene	0.37	GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0	<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0	<0.01		
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0	<0.01	<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0	<0.01		
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0			
VOCs/SVOCs												
1,1,1,2-Tetrachloroethane	6.41	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		
1,1,1-Trichloroethane	39.4	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		
1,2,3 Trichlorobenzene	8.6	GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0	<0.01		
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		
1,2,4-Trichlorobenzene	15.2	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0	<0.01		
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0	<0.01		
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		
1,2-Dichloroethane	0.0187	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0	<0.01		
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01		
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	GEO_BH207 16	GEO_BH207 26	GEO_BH207 32	GEO_BH208 3	GEO_BH208 12	GEO_BH208 20
Hole Ref										GEO_BH207	GEO_BH207	GEO_BH207	GEO_BH208	GEO_BH208	GEO_BH208
Sample Ref										16	26	32	3	12	20
Easting										384654.246	384654.246	384654.246	384562.98	384562.98	384562.98
Northing										399626.1	399626.1	399626.1	399592.56	399592.56	399592.56
Hole Elevation (mOD)										41.638	41.638	41.638	40.66	40.66	40.66
Sample Depth (mbgl)										5.2	10.2	13.2	0.3	4.2	8.2
Sample Date										08/04/21	09/04/21	09/04/21	08/04/21	08/04/21	08/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0			<0.1			
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0			<0.1			
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0			0.2			
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0			<0.1			
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0			<0.1			
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0			<0.1			
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0			0.2			
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0			0.2			
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01			
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0			<0.01			
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01			
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0			<0.1			
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1			
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1			
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0			<0.01			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	Sample Ref	Easting	Northing	Hole Elevation (mOD)	Sample Depth (mbgl)	Sample Date	Investigation	Geology
										GEO_BH207	GEO_BH207	GEO_BH207	GEO_BH208	GEO_BH208	GEO_BH208			
										16	26	32	3	12	20			
										384654.246	384654.246	384654.246	384562.98	384562.98	384562.98			
										399626.1	399626.1	399626.1	399592.56	399592.56	399592.56			
										41.638	41.638	41.638	40.66	40.66	40.66			
										5.2	10.2	13.2	0.3	4.2	8.2			
										08/04/21	09/04/21	09/04/21	08/04/21	08/04/21	08/04/21			
										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604			
										MG	MG	MG	MG	MG	MG			
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01						
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01						
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01						
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01						
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01						
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01						
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01						
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01						
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01						
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0			<0.01						
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01						
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01						
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1						
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0			<0.1						
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1						
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0			<10	<10	<10				
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0									
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0			<0.01	<0.01	<0.01				
Iron			mg/kg	No GAC	-	27000	46000		0									
Loss on ignition			%	No GAC	-	1.3	19		0									
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0									
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0									
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0									
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0			<10						
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0									
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0									

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	GEO_BH209&1.2	GEO_BH209&2.5	GEO_BH210&4.2	GEO_BH210&1.2	GEO_BH211A&2	GEO_BH211A&5
Hole Ref										GEO_BH209	GEO_BH209	GEO_BH210	GEO_BH210	GEO_BH211A	GEO_BH211A
Sample Ref										4	9	12	6	8	14
Easting										384548.843	384548.843	384479.67	384479.67	384441.79	384441.79
Northing										399628.33	399628.33	399554.7	399554.7	399513.96	399513.96
Hole Elevation (mOD)										41.214	41.214	40.45	40.45	40.44	40.44
Sample Depth (mbgl)										1.2	2.5	4.2	1.2	2.2	5.2
Sample Date										24/03/21	24/03/21	12/04/21	12/04/21	01/04/21	01/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	GTD	MG	MG	MG
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	3.6	<1	2.9	1.6	6.2	11
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	22	6.4	21	7.8	21	35
Beryllium	1.7	.GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	2.1	0.4	1.5	0.9	1.8	2
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.4	0.1	0.1	0.2	0.3	0.4
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	13	9.2	7.8	22	13	14
Chromium - Hexavalent	6	.GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1			<1		
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	130	18	210	30	190	410
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	100	9.4	260	29	490	600
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	0.48	<0.05	0.15	0.09	0.28	0.95
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	37	12	34	29	29	37
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	0.7	<0.5	1.2	0.9
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	50	12	33	26	43	50
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	160	32	38	51	120	140
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	7.6	7.8	7.7	7.2	7.7	7.2
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	0.1	<0.1	<0.1	0.1	2.9	2.5
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	iAC (chror	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	.GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	0.3	0.2	0.2	0.4	0.8	1
Total Organic Carbon			%	No GAC	-	<0.1	54		0	1.8	1.1	1.1	54	5.4	4.6
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	NAD			NAD	NAD	NAD
Asbestos Analysts Comments			---	No GAC	-				0	na			na	na	na
Phenol and mineral oils															
Phenol	380	.GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0				<0.1	<0.5	<0.5
Phenol (Monohydric)	380	.GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	<0.3	<0.3	0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0					<5	<5
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0					<0.5	<0.5
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5			<1.5	<1.5	<1.5
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2			<1.2	<1.2	<1.2
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5			<1.5	<1.5	<1.5
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4			<3.4	<3.4	<3.4
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0				<3.4	<3.4	<3.4
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0	<10					
Aliphatics >C5-6	160	.GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01			<0.01	<0.01	<0.01
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01			<0.01	<0.01	<0.01
Aliphatics >C8-10	154	.GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01			<0.01	<0.01	<0.01
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9			<0.9	1.9	<0.9
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	<0.5			8.6	10	<0.5
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	<0.6			20	18	<0.6
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	<1.4			17	21	<1.4
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0				<1.4	<1.4	<1.4
Aromatics >C7-8	657	iAC (tolue	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01			<0.01	<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_BH209	GEO_BH209	GEO_BH210	GEO_BH210	GEO_BH211A	GEO_BH211A
										Sample Ref	4	9	12	6	8	14
										Easting	384548.843	384548.843	384479.67	384479.67	384441.79	384441.79
										Northing	399628.33	399628.33	399554.7	399554.7	399513.96	399513.96
										Hole Elevation (mOD)	41.214	41.214	40.45	40.45	40.44	40.44
										Sample Depth (mbgl)	1.2	2.5	4.2	1.2	2.2	5.2
										Sample Date	24/03/21	24/03/21	12/04/21	12/04/21	01/04/21	01/04/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	MG	MG	GTD	MG	MG	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0		<0.01			<0.01	<0.01	<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0							
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0					35	40	<10
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0					35	<10	<10
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0		<10					
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0		<10					
PAH																
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0		<0.03			0.96	0.04	<0.03
Dibenz-a-h-anthracene	0.305	.GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0		<0.03			<0.03	<0.03	<0.03
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0		0.27			1.3	0.29	0.29
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0		<0.03			0.59	<0.03	<0.03
Indeno(1,2,3-cd)pyrene	41.2	.GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0		0.04			0.08	0.04	0.05
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0		0.31			2.7	0.23	0.2
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0		0.24			1.3	0.27	0.28
Napthalene	13.2	.GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0		0.21			0.05	0.08	0.04
Pah,Total			mg/kg	No GAC	-	<0.1	620		0		1.5			11	1.4	1.4
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0		<0.03			<0.03	<0.03	<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0		0.05			0.41	0.05	0.05
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0		0.08			0.28	0.09	0.1
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0		0.04			0.09	0.04	0.05
Benzo(a)pyrene	3	.GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0		0.05			0.18	0.05	0.06
Benzo(b)fluoranthene	3.7	.GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0		0.07			0.25	0.09	0.1
Benzo(k)fluoranthene	100	.GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0		<0.03			0.1	0.04	<0.03
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0		0.11			0.4	0.1	0.13
BTEX																
Benzene	0.37	.GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01			<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01			<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0		<0.01			<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0					<0.01		
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0		<0.01			<0.01	<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0					<0.01		
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0							
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	6.41	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
1,1,1-Trichloroethane	39.4	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		
1,2,3 Trichlorobenzene	8.6	.GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0					<0.01		
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0					0.01		
1,2,4-Trichlorobenzene	15.2	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0					<0.01		
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0					<0.01		
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
1,2-Dichloroethane	0.0187	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0					<0.01		
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	GEO_BH209 4	GEO_BH209 9	GEO_BH210 12	GEO_BH210 6	GEO_BH211A 8	GEO_BH211A 14
Hole Ref										GEO_BH209	GEO_BH209	GEO_BH210	GEO_BH210	GEO_BH211A	GEO_BH211A
Sample Ref										4	9	12	6	8	14
Easting										384548.843	384548.843	384479.67	384479.67	384441.79	384441.79
Northing										399628.33	399628.33	399554.7	399554.7	399513.96	399513.96
Hole Elevation (mOD)										41.214	41.214	40.45	40.45	40.44	40.44
Sample Depth (mbgl)										1.2	2.5	4.2	1.2	2.2	5.2
Sample Date										24/03/21	24/03/21	12/04/21	12/04/21	01/04/21	01/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	GTD	MG	MG	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0				<0.1		
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0				<0.1		
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0				<0.1		
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0				<0.1		
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0				<0.1		
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0				<0.1		
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0				<0.1		
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0				<0.1		
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0				<0.1		
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01		
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0				1.6		
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0				<0.1		
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01		
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01		
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0				<0.1		
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0				<0.1		
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01		
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0				<0.1		
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0				0.8		
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0				<0.1		
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0				<0.1		
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0				0.9		
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01		
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01		
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0				<0.1		
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0				<0.1		
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0				<0.01		
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01		
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0				<0.1		
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1		
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0				<0.1		
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0				<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_BH209	GEO_BH209	GEO_BH210	GEO_BH210	GEO_BH211A	GEO_BH211A
										Sample Ref	4	9	12	6	8	14
										Easting	384548.843	384548.843	384479.67	384479.67	384441.79	384441.79
										Northing	399628.33	399628.33	399554.7	399554.7	399513.96	399513.96
										Hole Elevation (mOD)	41.214	41.214	40.45	40.45	40.44	40.44
										Sample Depth (mbgl)	1.2	2.5	4.2	1.2	2.2	5.2
										Sample Date	24/03/21	24/03/21	12/04/21	12/04/21	01/04/21	01/04/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	MG	MG	GTD	MG	MG	MG
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0					<0.01		
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.01		
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0					<0.01		
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0					0.3		
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0					<10	<10	<10
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0					2.2		
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0		<0.01			<0.01	<0.01	<0.01
Iron			mg/kg	No GAC	-	27000	46000		0							
Loss on ignition			%	No GAC	-	1.3	19		0							
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0						<0.5	<0.5
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0							
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0						<0.5	<0.5
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0							
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0						<0.5	<0.5
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0						<0.5	<0.5

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

										GEO_BH211A&9	GEO_BH211A&1	GEO_BH212&0.4	GEO_BH212&2.2
Hole Ref										GEO_BH211A	GEO_BH211A	GEO_BH212	GEO_BH212
Sample Ref										20	22	3	8
Easting										384441.79	384441.79	384487.32	384487.32
Northing										399513.96	399513.96	399426.078	399426.078
Hole Elevation (mOD)										40.44	40.44	30.377	30.377
Sample Depth (mbgl)										9	10.5	0.4	2.2
Sample Date										01/04/21	06/04/21	29/03/21	29/03/21
Investigation										NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG
Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation				
Metal													
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	7	2.5	5.6	6.1
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	50	40	32	11
Beryllium	1.7	GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	1	0.6	1.4	1.6
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.3	0.3	1.4	0.4
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	470	110	23	10
Chromium - Hexavalent	6	GAC/S4U	mg/kg	0 of 95	0	<1	<1		0		<1	<1	
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	230	78	260	80
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	460	180	430	850
Manganese			mg/kg	No GAC	-	350	1400		0			1400	
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	1.2	0.87	0.88	0.3
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	28	17	42	21
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	0.8	<0.5	1.8	0.6
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	25	17	50	35
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	130	120	1500	210
Inorganic													
pH			pH Units	No GAC	-	5.4	11.7		0	7.6	7.8	7.1	9
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	47	12	0.9	0.3
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0		12	0.9	
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0		0.1	<0.1	
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0		1.6	0.6	
Boron	290	GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	2	1.1	1.2	0.6
Total Organic Carbon			%	No GAC	-	<0.1	54		0	1.5	3.4	2.5	1.1
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0			0.14	
Asbestos													
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0				
Asbestos (Presence of)			---	No GAC	-				0		NAD	NAD	
Asbestos Analysts Comments			---	No GAC	-				0		na	na	Bundles of Chrysotile fibres
Phenol and mineral oils													
Phenol	380	GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0		<0.1		
Phenol (Monohydric)	380	GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0				
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0				
TPH													
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0		<1.5	<1.5	
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1		1.5	<1.2	
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4		25	<1.5	
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12		100	<3.4	
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0		<3.4	<3.4	
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0				
Aliphatics >C5-6	160	GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0		<0.01	<0.01	
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0		<0.01	<0.01	
Aliphatics >C8-10	154	GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0		<0.01	<0.01	
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0		<0.9	<0.9	
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0		<0.5	1.8	
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0		8.5	17	
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0		59	23	
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0		<1.4	<1.4	
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0		<0.01	<0.01	

										GEO_BH212A&0	GEO_BH213&1.2		
Hole Ref										GEO_BH212A	GEO_BH213		
Sample Ref										3	6		
Easting										384491.195	384475.449		
Northing										399435.083	399487.578		
Hole Elevation (mOD)										30.484	31.943		
Sample Depth (mbgl)										0.6	1.2		
Sample Date										30/03/21	31/03/21		
Investigation										NW1604	NW1604		
Geology										MG	MG		
Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation				
Metal													
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	4.7	2.9		
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	26	18		
Beryllium	1.7	GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	1.5	1		
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.7	0.4		
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	17	13		
Chromium - Hexavalent	6	GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1		
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	210	91		
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	370	100		
Manganese			mg/kg	No GAC	-	350	1400		0	350			
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	0.45	<0.05		
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	26	25		
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5		
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	36	25		
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	160	100		
Inorganic													
pH			pH Units	No GAC	-	5.4	11.7		0	7.3	6.8		
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	3.1	0.2		
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0	2.9	0.2		
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0	0.2	<0.1		
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0	<0.6	1.3		
Boron	290	GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	0.7	0.7		
Total Organic Carbon			%	No GAC	-	<0.1	54		0	3.2	6.1		
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0	42			
Asbestos													
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0	0.005			
Asbestos (Presence of)			---	No GAC	-				0	Chrysotile	NAD		
Asbestos Analysts Comments			---	No GAC	-				0		na		
Phenol and mineral oils													
Phenol	380	GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0				
Phenol (Monohydric)	380	GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	0.3	0.8		
Phenols, Total			mg/kg	No GAC	-	<5	<5		0				
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0				
TPH													
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5	3		
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2	17		
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5	25		
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4	22		
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0	<3.4	<3.4		
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0				
Aliphatics >C5-6	160	GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01		
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01	<0.01		
Aliphatics >C8-10	154	GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01	<0.01		
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	4.3	9.5		
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	25	100		
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	61	360		
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	89	560		
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0	<1.4	35		
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_BH211A	GEO_BH211A	GEO_BH212	GEO_BH212	GEO_BH212A	GEO_BH213
										Sample Ref	20	22	3	8	3	6
										Easting	384441.79	384441.79	384487.32	384487.32	384491.195	384475.449
										Northing	399513.96	399513.96	399426.078	399426.078	399435.083	399487.578
										Hole Elevation (mOD)	40.44	40.44	30.377	30.377	30.484	31.943
										Sample Depth (mbgl)	9	10.5	0.4	2.2	0.6	1.2
										Sample Date	01/04/21	06/04/21	29/03/21	29/03/21	30/03/21	31/03/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	MG	MG	MG	MG	MG	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0			<0.01	<0.01		<0.01	<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0							
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0			49	36		150	930
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0			140	36		150	980
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0							
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0							
PAH																
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0			<0.1	0.46		3.1	19
Dibenz-a-h-anthracene	0.305	GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0			<0.1	0.06		0.15	5
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0			<0.1	3.8		12	120
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0			<0.1	0.36		2.3	15
Indeno(1,2,3-cd)pyrene	41.2	GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0			<0.1	0.24		0.66	14
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0			<0.1	3.8		15	110
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0			<0.1	3.2		10	110
Napthalene	13.2	GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0			<0.01	0.15		1.4	7
Pah,Total			mg/kg	No GAC	-	<0.1	620		0				18		60	620
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0			<0.1	<0.03		<0.03	0.44
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0			<0.1	0.89		3.2	24
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0			<0.1	1.2		2.9	43
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0			<0.1	0.28		0.83	16
Benzo(a)pyrene	3	GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0			<0.1	0.6		1.8	26
Benzo(b)fluoranthene	3.7	GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0			<0.1	1		2.6	37
Benzo(k)fluoranthene	100	GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0			<0.1	0.4		0.93	17
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0			<0.1	1.1		3	50
BTEX																
Benzene	0.37	GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0			<0.01	<0.01		<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0			<0.01	<0.01		<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0			<0.01	<0.01		<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0			<0.01				
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0				<0.01		<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0			<0.01				
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0							
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	6.41	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
1,1,1-Trichloroethane	39.4	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01				
1,2,3 Trichlorobenzene	8.6	GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0			<0.01				
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01				
1,2,4-Trichlorobenzene	15.2	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0			<0.01				
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0			<0.01				
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01				
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
1,2-Dichloroethane	0.0187	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0			<0.01				
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01				
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01				

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref: GEO_BH211A	GEO_BH211A	GEO_BH212	GEO_BH212	GEO_BH212A	GEO_BH213
										Sample Ref: 20	22	3	8	3	6
										Easting: 384441.79	384441.79	384487.32	384487.32	384491.195	384475.449
										Northing: 399513.96	399513.96	399426.078	399426.078	399435.083	399487.578
										Hole Elevation (mOD): 40.44	40.44	30.377	30.377	30.484	31.943
										Sample Depth (mbgl): 9	10.5	0.4	2.2	0.6	1.2
										Sample Date: 01/04/21	06/04/21	29/03/21	29/03/21	30/03/21	31/03/21
										Investigation: NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology: MG	MG	MG	MG	MG	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	<0.1					
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	<0.1					
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0	<0.1					
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	<0.1					
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0	<0.1					
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0	<0.1					
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0	<0.1					
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0	<0.1					
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0	<0.01					
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0	<0.1					
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0	<0.01					

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_BH211A	GEO_BH211A	GEO_BH212	GEO_BH212	GEO_BH212A	GEO_BH213
										Sample Ref	20	22	3	8	3	6
										Easting	384441.79	384441.79	384487.32	384487.32	384491.195	384475.449
										Northing	399513.96	399513.96	399426.078	399426.078	399435.083	399487.578
										Hole Elevation (mOD)	40.44	40.44	30.377	30.377	30.484	31.943
										Sample Depth (mbgl)	9	10.5	0.4	2.2	0.6	1.2
										Sample Date	01/04/21	06/04/21	29/03/21	29/03/21	30/03/21	31/03/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	MG	MG	MG	MG	MG	MG
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01				
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01				
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01				
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0			<0.01				
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.01				
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.01				
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0			<0.1				
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0			94	<10		<10	58
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0							
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0			<0.01	<0.01		<0.01	<0.01
Iron			mg/kg	No GAC	-	27000	46000		0				46000		27000	
Loss on ignition			%	No GAC	-	1.3	19		0							
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0							
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0							
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0							
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0							
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

	GEO_BH214&1.'	GEO_BH214A&2	GEO_BH215&2.2	GEO_BH215&1.'	GEO_TP201&2&	GEO_TP201&0.3
Hole Ref	GEO_BH214	GEO_BH214A	GEO_BH215	GEO_BH215	GEO_TP201	GEO_TP201
Sample Ref	6	6	9	6	8	2
Easting	384401.767	384430.619	384363	384363	384760.754	384760.754
Northing	399368.426	399360.713	399541	399541	399795.983	399795.983
Hole Elevation (mOD)	30.366	30.033	44.523	44.523	42.99	42.99
Sample Depth (mbgl)	1.1	2.2	2.2	1.1	2	0.3
Sample Date	29/03/21	30/03/21	25/03/21	25/03/21	29/03/21	29/03/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	MG	MG	GTD	MG	GTD	MG

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	2.2	<1	1	<1	<1	<1
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	20	17	7.5	1.9	5.7	6.8
Beryllium	1.7	.GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	1.7	0.8	0.9	0.3	0.6	0.5
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.3	0.2	0.2	0.1	0.2	0.3
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	12	8.6	26	6.2	17	12
Chromium - Hexavalent	6	.GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1		<1		<1
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	94	150	28	13	20	32
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	870	520	12	12	22	33
Manganese			mg/kg	No GAC	-	350	1400		0	460					
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	0.06	0.24	<0.05	<0.05	0.64	<0.05
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	29	18	31	9.8	21	16
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	33	20	29	7	20	17
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	65	48	59	27	43	77
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	7.4	8.2	8.1	8	8.1	7.9
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	0.1	<0.1	<0.1	<0.1	<0.1	0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0	<0.2					
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0	<0.1					
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0	<0.6					
Boron	290	.GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	1.1	1.2	0.5	1	0.4	<0.2
Total Organic Carbon			%	No GAC	-	<0.1	54		0	3.3	3.4	0.3	<0.1	0.5	0.7
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0	2.7					
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	NAD	NAD		NAD		NAD
Asbestos Analysts Comments			---	No GAC	-				0	na	na		na		na
Phenol and mineral oils															
Phenol	380	.GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0						
Phenol (Monohydric)	380	.GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5	<1.5		<1.5		<1.5
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2	<1.2		<1.2		<1.2
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5	<1.5		<1.5		<1.5
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4	30		<3.4		<3.4
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0	<3.4	<3.4				<3.4
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0				<10		
Aliphatics >C5-6	160	.GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01		<0.01		<0.01
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01	<0.01		<0.01		<0.01
Aliphatics >C8-10	154	.GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01	<0.01		<0.01		<0.01
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9	<0.9		<0.9		<0.9
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	<0.5	<0.5		<0.5		<0.5
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	<0.6	<0.6		<0.6		<0.6
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	<1.4	<1.4		<1.4		<1.4
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0	<1.4	<1.4				<1.4
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01		<0.01		<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	GEO_BH214	GEO_BH214A	GEO_BH215	GEO_BH215	GEO_TP201	GEO_TP201
Sample Ref	6	6	9	6	8	2
Easting	384401.767	384430.619	384363	384363	384760.754	384760.754
Northing	399368.426	399360.713	399541	399541	399795.983	399795.983
Hole Elevation (mOD)	30.366	30.033	44.523	44.523	42.99	42.99
Sample Depth (mbgl)	1.1	2.2	2.2	1.1	2	0.3
Sample Date	29/03/21	30/03/21	25/03/21	25/03/21	29/03/21	29/03/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	MG	MG	GTD	MG	GTD	MG

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation					
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0	<0.01	<0.01		<0.01	<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0					
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0	<10	<10			<10
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0	<10	25			<10
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0				<10	
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0				<10	
PAH														
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0	0.04	<0.03		<0.03	0.46
Dibenz-a-h-anthracene	0.305	.GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0	<0.03	<0.03		<0.03	0.04
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0	0.55	0.23		0.06	1.5
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0	0.05	<0.03		<0.03	0.27
Indeno(1,2,3-cd)pyrene	41.2	.GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0	0.04	0.06		<0.03	0.13
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0	0.76	0.19		0.05	2
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0	0.46	0.23		0.05	1.5
Napthalene	13.2	.GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0	<0.03	0.05		<0.03	0.61
Pah,Total			mg/kg	No GAC	-	<0.1	620		0	2.5	1.4		0.26	8.9
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0	<0.03	<0.03		<0.03	<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0	0.12	0.04		<0.03	0.34
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0	0.15	0.1		0.03	0.43
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0	0.03	0.08		<0.03	0.15
Benzo(a)pyrene	3	.GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0	0.08	0.08		<0.03	0.32
Benzo(b)fluoranthene	3.7	.GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0	0.1	0.13		0.03	0.44
Benzo(k)fluoranthene	100	.GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0	0.06	0.05		<0.03	0.17
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0	0.15	0.16		0.03	0.55
BTEX														
Benzene	0.37	.GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01		<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01		<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0	<0.01	<0.01		<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0					
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0	<0.01	<0.01		<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0					
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0					
VOCs/SVOCs														
1,1,1,2-Tetrachloroethane	6.41	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					
1,1,1-Trichloroethane	39.4	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0					
1,2,3 Trichlorobenzene	8.6	.GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0					
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0					
1,2,4-Trichlorobenzene	15.2	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0					
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0					
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0					
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					
1,2-Dichloroethane	0.0187	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0					
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0					
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0					
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0					

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref: GEO_BH214	GEO_BH214A	GEO_BH215	GEO_BH215	GEO_TP201	GEO_TP201
										Sample Ref: 6	6	9	6	8	2
										Easting: 384401.767	384430.619	384363	384363	384760.754	384760.754
										Northing: 399368.426	399360.713	399541	399541	399795.983	399795.983
										Hole Elevation (mOD): 30.366	30.033	44.523	44.523	42.99	42.99
										Sample Depth (mbgl): 1.1	2.2	2.2	1.1	2	0.3
										Sample Date: 29/03/21	30/03/21	25/03/21	25/03/21	29/03/21	29/03/21
										Investigation: NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology: MG	MG	GTD	MG	GTD	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0						
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0						
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0						
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0						
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0						
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0						
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0						
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0						
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0						
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0						
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0						
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0						
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_BH214	GEO_BH214A	GEO_BH215	GEO_BH215	GEO_TP201	GEO_TP201
										Sample Ref	6	6	9	6	8	2
										Easting	384401.767	384430.619	384363	384363	384760.754	384760.754
										Northing	399368.426	399360.713	399541	399541	399795.983	399795.983
										Hole Elevation (mOD)	30.366	30.033	44.523	44.523	42.99	42.99
										Sample Depth (mbgl)	1.1	2.2	2.2	1.1	2	0.3
										Sample Date	29/03/21	30/03/21	25/03/21	25/03/21	29/03/21	29/03/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	MG	MG	GTD	MG	GTD	MG
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0							
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0							
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0							
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0							
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0							
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0							
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0		<10	25				<10
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0							
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0		<0.01	<0.01		<0.01		<0.01
Iron			mg/kg	No GAC	-	27000	46000		0		31000					
Loss on ignition			%	No GAC	-	1.3	19		0							
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0							
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0							
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0							
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0							
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

										GEO_TP202&0.3	GEO_TP202C&0	GEO_TP203&1&	GEO_TP203&2&	GEO_TP203&4&	GEO_TP207&1&
Hole Ref										GEO_TP202	GEO_TP202C	GEO_TP203	GEO_TP203	GEO_TP203	GEO_TP207
Sample Ref										2	2	5	8	14	5
Easting										384734.057	384712.277	384780.789	384780.789	384780.789	384809.151
Northing										399762.842	399739.124	399725.902	399725.902	399725.902	399749.371
Hole Elevation (mOD)										42.855	42.618	43.277	43.277	43.277	43.344
Sample Depth (mbgl)										0.3	0.3	1	2	4	1
Sample Date										29/03/21	30/03/21	06/04/21	06/04/21	06/04/21	01/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG
Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	6.5	<1	<1	1.3	<1	<1
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	23	11	5.8	9	7.5	4.7
Beryllium	1.7	.GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	**1.9**	0.8	0.6	0.7	0.7	0.5
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	1.5	0.7	0.1	0.1	0.1	0.1
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	26	13	17	16	21	13
Chromium - Hexavalent	6	.GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1	<1	<1	<1		<1
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	300	100	13	29	25	18
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	**460**	110	10	16	16	12
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	0.28	0.07	<0.05	0.42	0.46	<0.05
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	44	19	25	21	27	17
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	<0.5	0.8	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	53	28	20	23	25	15
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	270	200	32	46	54	45
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	6.1	7.9	8.4	8.2	8.2	8.1
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	0.8	0.2	0.1	1	<0.1	<0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						<0.2
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0						<0.1
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						0.6
Boron	290	.GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	<0.2	0.8	0.4	0.4	0.4	0.3
Total Organic Carbon			%	No GAC	-	<0.1	54		0	2.4	1.5	0.4	1	1.1	0.9
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	NAD	NAD	NAD	NAD		NAD
Asbestos Analysts Comments			---	No GAC	-				0	na	na	na	na		na
Phenol and mineral oils															
Phenol	380	.GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0	<0.1					<0.1
Phenol (Monohydric)	380	.GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	0.4	2.1	<0.3	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5	<1.5	<1.5	<1.5		<1.5
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	1.8	<1.2	<1.2	<1.2		<1.2
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	25	<1.5	<1.5	<1.5		<1.5
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	84	<3.4	<3.4	<3.4		<3.4
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0	<3.4	<3.4	<3.4	<3.4		<3.4
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0						
Aliphatics >C5-6	160	.GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01		<0.01
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01	<0.01	<0.01	<0.01		<0.01
Aliphatics >C8-10	154	.GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01	<0.01	<0.01	<0.01		<0.01
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9	1.7	<0.9	<0.9		<0.9
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	4.3	9.7	<0.5	<0.5		<0.5
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	41	15	<0.6	<0.6		<0.6
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	78	36	<1.4	<1.4		<1.4
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0	<1.4	<1.4	<1.4	<1.4		<1.4
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01		<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	GEO_TP202 2	GEO_TP202C 2	GEO_TP203 5	GEO_TP203 8	GEO_TP203 14	GEO_TP207 5
Hole Ref										GEO_TP202	GEO_TP202C	GEO_TP203	GEO_TP203	GEO_TP203	GEO_TP207
Sample Ref										2	2	5	8	14	5
Easting										384734.057	384712.277	384780.789	384780.789	384780.789	384809.151
Northing										399762.842	399739.124	399725.902	399725.902	399725.902	399749.371
Hole Elevation (mOD)										42.855	42.618	43.277	43.277	43.277	43.344
Sample Depth (mbgl)										0.3	0.3	1	2	4	1
Sample Date										29/03/21	30/03/21	06/04/21	06/04/21	06/04/21	01/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0	<0.01	<0.01	<0.01	<0.01		<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0						<10
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0	110	49	<10	<10		<10
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0	200	49	<10	<10		<10
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0						
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0						
PAH															
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0	1	0.61	<0.03	<0.03		<0.03
Dibenz-a-h-anthracene	0.305	GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0	0.24	0.05	<0.03	<0.03		<0.03
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0	9.1	3.2	<0.03	<0.03		<0.03
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0	0.53	0.35	<0.03	<0.03		<0.03
Indeno(1,2,3-cd)pyrene	41.2	GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0	1	0.22	<0.03	<0.03		<0.03
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0	5.8	2.8	<0.03	<0.03		<0.03
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0	8.4	2.7	<0.03	<0.03		<0.03
Napthalene	13.2	GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0	<0.01	0.18	<0.03	<0.03		<0.01
Pah,Total			mg/kg	No GAC	-	<0.1	620		0	43	14	<0.1	<0.1		<0.1
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0	0.04	<0.03	<0.03	<0.03		<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0	1.3	0.52	<0.03	<0.03		<0.03
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0	3	0.79	<0.03	<0.03		<0.03
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0	1.3	0.28	<0.03	<0.03		<0.03
Benzo(a)pyrene	3	GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0	2.5	0.52	<0.03	<0.03		<0.03
Benzo(b)fluoranthene	3.7	GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0	3.7	0.79	<0.03	<0.03		<0.03
Benzo(k)fluoranthene	100	GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0	1.3	0.29	<0.03	<0.03		<0.03
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0	3.5	0.91	<0.03	<0.03		<0.03
BTEX															
Benzene	0.37	GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01		<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01		<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0	<0.01	<0.01	<0.01	<0.01		<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0	<0.01					<0.01
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0	<0.01	<0.01	<0.01	<0.01		<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0	<0.01					<0.01
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0						<0.04
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	6.41	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
1,1,1-Trichloroethane	39.4	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					<0.01
1,2,3 Trichlorobenzene	8.6	GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0	<0.01					<0.01
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					<0.01
1,2,4-Trichlorobenzene	15.2	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0	<0.01					<0.01
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0	<0.01					<0.01
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					<0.01
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
1,2-Dichloroethane	0.0187	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0	<0.01					<0.01
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					<0.01
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref: GEO_TP202	GEO_TP202C	GEO_TP203	GEO_TP203	GEO_TP203	GEO_TP207
										Sample Ref: 2	2	5	8	14	5
										Easting: 384734.057	384712.277	384780.789	384780.789	384780.789	384809.151
										Northing: 399762.842	399739.124	399725.902	399725.902	399725.902	399749.371
										Hole Elevation (mOD): 42.855	42.618	43.277	43.277	43.277	43.344
										Sample Depth (mbgl): 0.3	0.3	1	2	4	1
										Sample Date: 29/03/21	30/03/21	06/04/21	06/04/21	06/04/21	01/04/21
										Investigation: NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology: MG	MG	MG	MG	MG	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					<0.1
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					<0.1
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					<0.1
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					<0.1
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	<0.1					<0.1
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					<0.1
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	<0.1					<0.1
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					<0.1
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					<0.1
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					<0.01
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0	1.6					<0.1
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	<0.1					<0.1
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					<0.01
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					<0.01
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0	<0.1					<0.1
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	0.1					<0.1
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					<0.1
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					<0.01
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0	0.1					<0.1
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0	1.8					<0.1
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					<0.1
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					<0.1
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0	3.3					<0.1
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					<0.01
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					<0.01
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					<0.1
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					<0.1
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0	<0.01					<0.01
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					<0.01
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0	<0.1					<0.1
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					<0.1
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					<0.1
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0	<0.01					<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_TP202	GEO_TP202C	GEO_TP203	GEO_TP203	GEO_TP203	GEO_TP207
										Sample Ref	2	2	5	8	14	5
										Easting	384734.057	384712.277	384780.789	384780.789	384780.789	384809.151
										Northing	399762.842	399739.124	399725.902	399725.902	399725.902	399749.371
										Hole Elevation (mOD)	42.855	42.618	43.277	43.277	43.277	43.344
										Sample Depth (mbgl)	0.3	0.3	1	2	4	1
										Sample Date	29/03/21	30/03/21	06/04/21	06/04/21	06/04/21	01/04/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	MG	MG	MG	MG	MG	MG
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01					<0.01
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01					<0.01
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01					<0.01
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01					<0.01
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01					<0.01
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01					<0.01
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01					<0.01
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01					<0.01
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01					<0.01
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0		<0.01					<0.01
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0		<0.01					<0.01
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0		<0.01					<0.01
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					<0.1
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0		<0.1					<0.1
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					<0.1
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0		94	<10	<10	<10		<10
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0							
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01		<0.01
Iron			mg/kg	No GAC	-	27000	46000		0							
Loss on ignition			%	No GAC	-	1.3	19		0							2.7
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0							
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0							<0.01
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0							
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0							
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	GEO_TP209&1&	GEO_TP210&3&	GEO_TP210&0.3	GEO_TP210&1&	GEO_TP211&3.1	GEO_TP211&0.3
Hole Ref										GEO_TP209	GEO_TP210	GEO_TP210	GEO_TP210	GEO_TP211	GEO_TP211
Sample Ref										5	13	2	5	11	2
Easting										384826.522	384755.497	384755.497	384755.497	384622.741	384622.741
Northing										399800.992	399690.585	399690.585	399690.585	399659.29	399659.29
Hole Elevation (mOD)										43.175	43.076	43.076	43.076	41.643	41.643
Sample Depth (mbgl)										1	3	0.3	1	3.1	0.3
Sample Date										30/03/21	31/03/21	31/03/21	31/03/21	31/03/21	31/03/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	GTD	MG	MG	GTD	MG
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	<1	1.1	<1	28	1	4.4
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	4.8	6.8	3.8	13	6.5	18
Beryllium	1.7	.GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	0.6	0.6	<0.2	0.6	0.7	1.3
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.4	<0.1	<0.1	0.7	<0.1	0.2
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	9.1	15	4.8	17	19	13
Chromium - Hexavalent	6	.GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1		<1	<1		<1
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	35	22	9.9	92	18	160
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	58	18	9.6	420	9.8	150
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	<0.05	0.47	<0.05	<0.05	0.45	0.15
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	8.1	21	6.6	17	17	33
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	15	19	8.4	31	22	37
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	56	42	27	220	37	110
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	7.4	8	7.3	8.2	7.4	7.3
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	0.1	<0.1	0.2	0.4	<0.1	0.2
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	.GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	1.2	0.3	0.2	1	0.7	1.1
Total Organic Carbon			%	No GAC	-	<0.1	54		0	1.1	0.8	1.1	2.4	0.5	3.8
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0				0.011		
Asbestos (Presence of)			---	No GAC	-				0	NAD		NAD	Chrysotile		NAD
Asbestos Analysts Comments			---	No GAC	-				0	na		na	Asbestos Debris		na
Phenol and mineral oils															
Phenol	380	.GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0			<0.1			
Phenol (Monohydric)	380	.GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5		<1.5	<1.5		<1.5
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2		2.9	<1.2		<1.2
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5		8	<1.5		<1.5
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4		53	<3.4		<3.4
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0	<3.4		<3.4	<3.4		<3.4
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0						
Aliphatics >C5-6	160	.GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01		<0.01	<0.01		<0.01
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01		<0.01	<0.01		<0.01
Aliphatics >C8-10	154	.GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01		<0.01	<0.01		<0.01
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9		<0.9	<0.9		<0.9
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	7		9.4	<0.5		<0.5
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	11		33	<0.6		<0.6
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	40		200	<1.4		<1.4
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0	<1.4		81	<1.4		<1.4
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01		<0.01	<0.01		<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_TP209	GEO_TP210	GEO_TP210	GEO_TP210	GEO_TP211	GEO_TP211
										Sample Ref	5	13	2	5	11	2
										Easting	384826.522	384755.497	384755.497	384755.497	384622.741	384622.741
										Northing	399800.992	399690.585	399690.585	399690.585	399659.29	399659.29
										Hole Elevation (mOD)	43.175	43.076	43.076	43.076	41.643	41.643
										Sample Depth (mbgl)	1	3	0.3	1	3.1	0.3
										Sample Date	30/03/21	31/03/21	31/03/21	31/03/21	31/03/21	31/03/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	MG	GTD	MG	MG	GTD	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0		<0.01		<0.01	<0.01		<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0							
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0		60		290	<10		<10
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0		60		340	<10		<10
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0							
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0							
PAH																
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0		<0.03		1.2	0.31		<0.03
Dibenz-a-h-anthracene	0.305	GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0		0.04		0.76	0.12		<0.03
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0		1.3		12	3.6		0.14
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0		<0.03		0.8	0.27		<0.03
Indeno(1,2,3-cd)pyrene	41.2	GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0		0.2		2.8	0.46		<0.03
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0		0.1		5.8	3.1		0.13
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0		1.7		11	3.7		0.13
Napthalene	13.2	GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0		<0.03		<0.01	0.25		0.04
Pah,Total			mg/kg	No GAC	-	<0.1	620		0		6.2		65	19		0.63
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0		0.04		0.11	0.09		<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0		0.11		1.8	0.62		0.04
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0		0.55		5.2	1.2		0.04
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0		0.27		3.4	0.64		<0.03
Benzo(a)pyrene	3	GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0		0.58		5.6	1		<0.03
Benzo(b)fluoranthene	3.7	GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0		0.6		7.1	1.4		0.06
Benzo(k)fluoranthene	100	GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0		0.21		2.4	0.42		<0.03
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0		0.56		5.2	1.4		0.05
BTEX																
Benzene	0.37	GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01		<0.01	<0.01		<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01		<0.01	<0.01		<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0		<0.01		<0.01	<0.01		<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0				<0.01			
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0		<0.01		<0.01	<0.01		<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0				<0.01			
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0							
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	6.41	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,1,1-Trichloroethane	39.4	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			
1,2,3 Trichlorobenzene	8.6	GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0				<0.01			
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			
1,2,4-Trichlorobenzene	15.2	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0				<0.01			
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0				<0.01			
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,2-Dichloroethane	0.0187	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0				<0.01			
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref: GEO_TP209	GEO_TP210	GEO_TP210	GEO_TP210	GEO_TP211	GEO_TP211
										Sample Ref: 5	13	2	5	11	2
										Easting: 384826.522	384755.497	384755.497	384755.497	384622.741	384622.741
										Northing: 399800.992	399690.585	399690.585	399690.585	399659.29	399659.29
										Hole Elevation (mOD): 43.175	43.076	43.076	43.076	41.643	41.643
										Sample Depth (mbgl): 1	3	0.3	1	3.1	0.3
										Sample Date: 30/03/21	31/03/21	31/03/21	31/03/21	31/03/21	31/03/21
										Investigation: NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology: MG	GTD	MG	MG	GTD	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	<0.1					
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	<0.1					
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0	0.6					
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	<0.1					
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0	<0.1					
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0	<0.1					
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0	1.5					
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0	0.9					
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01					
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0	<0.01					
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01					
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0	<0.1					
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1					
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0	<0.01					

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_TP209	GEO_TP210	GEO_TP210	GEO_TP210	GEO_TP211	GEO_TP211
										Sample Ref	5	13	2	5	11	2
										Easting	384826.522	384755.497	384755.497	384755.497	384622.741	384622.741
										Northing	399800.992	399690.585	399690.585	399690.585	399659.29	399659.29
										Hole Elevation (mOD)	43.175	43.076	43.076	43.076	41.643	41.643
										Sample Depth (mbgl)	1	3	0.3	1	3.1	0.3
										Sample Date	30/03/21	31/03/21	31/03/21	31/03/21	31/03/21	31/03/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	MG	GTD	MG	MG	GTD	MG
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0				<0.01			
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0				<0.01			
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0				<0.1			
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0		<10		57	<10		<10
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0							
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0		<0.01		<0.01	<0.01		<0.01
Iron			mg/kg	No GAC	-	27000	46000		0							
Loss on ignition			%	No GAC	-	1.3	19		0							
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0							
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0							
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0							
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0							
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	GEO_TP211&1&	GEO_TP213&0.3	GEO_TP213&2&	GEO_TP213&4&	GEO_TP214&1&	GEO_TP214&3&
Hole Ref										GEO_TP211	GEO_TP213	GEO_TP213	GEO_TP213	GEO_TP214	GEO_TP214
Sample Ref										5	2	8	14	4	10
Easting										384622.741	384823.539	384823.539	384823.539	384429.18	384429.18
Northing										399659.29	399770.354	399770.354	399770.354	399548.501	399548.501
Hole Elevation (mOD)										41.643	43.311	43.311	43.311	40.247	40.247
Sample Depth (mbgl)										1	0.3	2	4	1	3
Sample Date										31/03/21	07/04/21	07/04/21	07/04/21	08/04/21	08/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0		3.4	<1	1	<1	<1
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0		18	11	7.5	14	5
Beryllium	1.7	GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0		1	0.7	0.6	0.9	0.3
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0		0.8	0.2	0.1	0.1	<0.1
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0		16	20	18	19	9.1
Chromium - Hexavalent	6	GAC/S4U	mg/kg	0 of 95	0	<1	<1		0		<1	<1	<1		
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0		200	45	27	23	12
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0		230	100	190	13	9.3
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0		0.97	0.25	0.15	1.1	<0.05
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0		26	25	22	22	9.9
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0		0.9	<0.5	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0		40	26	20	24	12
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0		160	69	51	52	28
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0		8.4	7.7	8.4	7.4	8.1
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0		0.3	<0.1	<0.1	<0.1	<0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	AC (chror	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0		0.6	0.4	0.5	1.2	0.4
Total Organic Carbon			%	No GAC	-	<0.1	54		0	0.9	17	3.4	1.4	<0.5	<0.5
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0		NAD	NAD	NAD		
Asbestos Analysts Comments			---	No GAC	-				0		na	na	na		
Phenol and mineral oils															
Phenol	380	GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0			<0.1	<0.1		
Phenol (Monohydric)	380	GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0		<0.3	<0.3	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0			<1.5	1.6		
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1			<1.2	15		
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4			<1.5	21		
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12			<3.4	7.2		
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0			<3.4	<3.4		
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0						
Aliphatics >C5-6	160	GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0			<0.01	<0.01		
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0			<0.01	<0.01		
Aliphatics >C8-10	154	GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0			1.5	3.1		
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0			34	3.3		
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0			160	26		
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0			180	41		
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0			150	24		
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0			<1.4	<1.4		
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0			<0.01	<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_TP211	GEO_TP213	GEO_TP213	GEO_TP213	GEO_TP214	GEO_TP214
										Sample Ref	5	2	8	14	4	10
										Easting	384622.741	384823.539	384823.539	384823.539	384429.18	384429.18
										Northing	399659.29	399770.354	399770.354	399770.354	399548.501	399548.501
										Hole Elevation (mOD)	41.643	43.311	43.311	43.311	40.247	40.247
										Sample Depth (mbgl)	1	0.3	2	4	1	3
										Sample Date	31/03/21	07/04/21	07/04/21	07/04/21	08/04/21	08/04/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	MG	MG	MG	MG	MG	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0					<0.01	<0.01	
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0		19					
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0					<10	75	
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0					<10	110	
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0							
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0							
PAH																
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0			0.52		2.6	0.45	
Dibenz-a-h-anthracene	0.305	.GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0			0.75		0.46	0.05	
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0			6		7.6	1.2	
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0			0.49		6.5	0.93	
Indeno(1,2,3-cd)pyrene	41.2	.GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0			3		1.6	0.15	
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0			3.8		22	3.6	
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0			11		20	2.4	
Napthalene	13.2	.GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0			1		8.1	2	
Pah,Total			mg/kg	No GAC	-	<0.1	620		0		5.9	56		100	13	
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0			1.3		4.2	0.43	
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0			1.7		5.1	0.74	
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0			3.2		3.7	0.49	
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0			5.6		2.7	0.28	
Benzo(a)pyrene	3	.GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0			6.2		5	0.43	
Benzo(b)fluoranthene	3.7	.GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0			5.9		2.7	0.35	
Benzo(k)fluoranthene	100	.GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0			1.3		0.8	0.1	
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0			4.2		4.4	0.5	
BTEX																
Benzene	0.37	.GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01		<0.01	<0.01	
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0		<0.01	<0.01		<0.01	<0.01	
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0		<0.01	<0.01		0.24	0.14	
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0					0.39	0.14	
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0		<0.01	<0.01		0.2	0.49	
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0					0.18	0.1	
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0		<0.04					
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	6.41	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.1	<0.01	
1,1,1-Trichloroethane	39.4	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.1	<0.01	
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.1	<0.01	
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.1	<0.01	
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.1	<0.01	
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0					<0.1	<0.01	
1,2,3 Trichlorobenzene	8.6	.GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0					<0.1	0.01	
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0					<0.1	<0.01	
1,2,4-Trichlorobenzene	15.2	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.1	<0.01	
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0					0.85	0.29	
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0					0.16	<0.01	
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0					<0.1	<0.01	
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.1	<0.01	
1,2-Dichloroethane	0.0187	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.1	<0.01	
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.1	<0.01	
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0					0.42	0.19	
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.1	<0.01	
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0					<0.1	<0.01	
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0					<0.1	<0.01	
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0					<0.1	<0.01	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	GEO_TP211	GEO_TP213	GEO_TP213	GEO_TP213	GEO_TP214	GEO_TP214
Hole Ref										GEO_TP211	GEO_TP213	GEO_TP213	GEO_TP213	GEO_TP214	GEO_TP214
Sample Ref										5	2	8	14	4	10
Easting										384622.741	384823.539	384823.539	384823.539	384429.18	384429.18
Northing										399659.29	399770.354	399770.354	399770.354	399548.501	399548.501
Hole Elevation (mOD)										41.643	43.311	43.311	43.311	40.247	40.247
Sample Depth (mbgl)										1	0.3	2	4	1	3
Sample Date										31/03/21	07/04/21	07/04/21	07/04/21	08/04/21	08/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0			<0.1	<0.1		
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0			0.2	<0.1		
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.1	<0.01		
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0			15	<0.1		
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0			<0.1	<0.1		
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.1	<0.01		
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0			<0.1	0.05		
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0			<0.1	<0.1		
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.1	<0.01		
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.1	<0.01		
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.1	<0.01		
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0			<0.1	<0.1		
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.1	<0.01		
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.1	<0.01		
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.1	<0.01		
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0			<0.1	<0.1		
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.1	<0.01		
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0			<0.1	<0.01		
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.1	<0.01		
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0			<0.1	0.06		
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0			<0.1	<0.01		
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0			<0.1	<0.1		
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	<0.1		
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0			<0.1	<0.1		
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0			0.85	0.29		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref									
Sample Ref									
Easting									
Northing									
Hole Elevation (mOD)									
Sample Depth (mbgl)									
Sample Date									
Investigation									
Geology									
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0
Iron			mg/kg	No GAC	-	27000	46000		0
Loss on ignition			%	No GAC	-	1.3	19		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0

Hole Ref	GEO_TP211	GEO_TP213	GEO_TP213	GEO_TP213	GEO_TP214	GEO_TP214
Sample Ref	5	2	8	14	4	10
Easting	384622.741	384823.539	384823.539	384823.539	384429.18	384429.18
Northing	399659.29	399770.354	399770.354	399770.354	399548.501	399548.501
Hole Elevation (mOD)	41.643	43.311	43.311	43.311	40.247	40.247
Sample Depth (mbgl)	1	0.3	2	4	1	3
Sample Date	31/03/21	07/04/21	07/04/21	07/04/21	08/04/21	08/04/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	MG	MG	MG	MG	MG	MG
Styrene			<0.1	<0.01		
Tert-Butylbenzene			<0.1	<0.01		
Tetrachloroethene			<0.1	<0.01		
Tetrachloromethane (Carbon Tetra Chlori			<0.1	<0.01		
Tribromomethane			<0.1	<0.01		
Trichloroethene			<0.1	<0.01		
cis-1,2-Dichloroethene			<0.1	<0.01		
cis1,3-Dichloropropene			<0.1	<0.01		
n-Butylbenzene			<0.1	<0.01		
n-propylbenzene			<0.1	0.06		
trans-1,2-Dichloroethene			<0.1	<0.01		
trans-1,3-Dichloropropene			<0.1	<0.01		
2,3,5,6-Tetrachlorophenol			<0.1	<0.1		
3/4 Methylphenol			<0.1	<0.1		
4-Chlorophenyl Phenyl Ether			<0.1	<0.1		
Aliphatics >C10-44			<10	36		
Ammoniacal Nitrogen as N						
Aromatics >C5-7			<0.01	<0.01		
Iron						
Loss on ignition	3.4					
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)						
PCB, Total Of 7 Congeners	<0.01					
Resorcinol						
Total Aliphatics and Aromatics C10-C44						
Trimethylphenol						
Xylenols & Ethylphenols						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

GEO_TP215&2& GEO_TP216&1& GEO_TP216&3& GEO_TP217&1& GEO_TP217&3& GEO_TP218&2&

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Hole Ref										GEO_TP215	GEO_TP216	GEO_TP216	GEO_TP217	GEO_TP217	GEO_TP218
Sample Ref										8	5	13	4	10	8
Easting										384601.36	384495.068	384495.068	384573.297	384573.297	384529.73
Northing										399627.554	399605.846	399605.846	399653.391	399653.391	399585.19
Hole Elevation (mOD)										41.28	40.799	40.799	41.342	41.342	40.52
Sample Depth (mbgl)										2	1	3	1	3	2
Sample Date										01/04/21	08/04/21	08/04/21	07/04/21	07/04/21	06/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	1.6	<1	<1	5.1	<1	1.1
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	16	8.6	6.2	37	5.9	12
Beryllium	1.7	GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	1.3	0.9	0.6	1.3	0.4	0.6
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.3	0.3	0.2	2.4	0.2	0.1
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	13	24	13	26	8.7	25
Chromium - Hexavalent	6	GAC/S4U	mg/kg	0 of 95	0	<1	<1		0	<1		<1			<1
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	83	29	25	230	21	27
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	97	11	12	160	11	50
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	0.4	<0.05	<0.05	<0.05	0.23	0.14
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	38	32	22	38	14	19
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	37	28	18	75	12	18
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	170	61	58	780	44	43
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	6.9	8	8	7.7	8.2	7.2
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	0.7	<0.1	<0.1	0.5	<0.1	0.7
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	0.6	0.5	0.2	1.1	2.4	0.3
Total Organic Carbon			%	No GAC	-	<0.1	54		0	6	0.7	1.2	13	<0.5	1.3
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0	NAD		NAD			NAD
Asbestos Analysts Comments			---	No GAC	-				0	na		na			na
Phenol and mineral oils															
Phenol	380	GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0						
Phenol (Monohydric)	380	GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5					<1.5
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2					<1.2
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5					<1.5
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4					<3.4
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0	<3.4					<3.4
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0						
Aliphatics >C5-6	160	GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01					<0.01
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01					<0.01
Aliphatics >C8-10	154	GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01					<0.01
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9					<0.9
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	<0.5					<0.5
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	<0.6					<0.6
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	<1.4					<1.4
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0	<1.4					<1.4
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01					<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	GEO_TP215	GEO_TP216	GEO_TP216	GEO_TP217	GEO_TP217	GEO_TP218
Hole Ref										GEO_TP215	GEO_TP216	GEO_TP216	GEO_TP217	GEO_TP217	GEO_TP218
Sample Ref										8	5	13	4	10	8
Easting										384601.36	384495.068	384495.068	384573.297	384573.297	384529.73
Northing										399627.554	399605.846	399605.846	399653.391	399653.391	399585.19
Hole Elevation (mOD)										41.28	40.799	40.799	41.342	41.342	40.52
Sample Depth (mbgl)										2	1	3	1	3	2
Sample Date										01/04/21	08/04/21	08/04/21	07/04/21	07/04/21	06/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0	<0.01					<0.01
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0	<10					
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0	<10					<10
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0	<10					<10
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0						
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0						
PAH															
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0	0.04	<0.03				<0.03
Dibenz-a-h-anthracene	0.305	.GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0	<0.03	<0.03				<0.03
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0	0.39	<0.03				<0.03
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0	<0.03	<0.03				<0.03
Indeno(1,2,3-cd)pyrene	41.2	.GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0	0.05	<0.03				<0.03
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0	0.33	<0.03				<0.03
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0	0.38	<0.03				<0.03
Napthalene	13.2	.GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0	<0.03	<0.03				<0.03
Pah,Total			mg/kg	No GAC	-	<0.1	620		0	1.9	<0.1				<0.1
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0	<0.03	<0.03				<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0	0.06	<0.03				<0.03
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0	0.11	<0.03				<0.03
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0	0.06	<0.03				<0.03
Benzo(a)pyrene	3	.GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0	0.09	<0.03				<0.03
Benzo(b)fluoranthene	3.7	.GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0	0.14	<0.03				<0.03
Benzo(k)fluoranthene	100	.GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0	0.04	<0.03				<0.03
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0	0.15	<0.03				<0.03
BTEX															
Benzene	0.37	.GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01				<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01				<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0	<0.01	<0.01				<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0						
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0	<0.01	<0.01				<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0						
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0	<0.04					
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	6.41	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1,1-Trichloroethane	39.4	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
1,2,3 Trichlorobenzene	8.6	.GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0						
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						
1,2,4-Trichlorobenzene	15.2	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0						
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0						
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0						
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,2-Dichloroethane	0.0187	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0						
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0						
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref: GEO_TP215	GEO_TP216	GEO_TP216	GEO_TP217	GEO_TP217	GEO_TP218
										Sample Ref: 8	5	13	4	10	8
										Easting: 384601.36	384495.068	384495.068	384573.297	384573.297	384529.73
										Northing: 399627.554	399605.846	399605.846	399653.391	399653.391	399585.19
										Hole Elevation (mOD): 41.28	40.799	40.799	41.342	41.342	40.52
										Sample Depth (mbgl): 2	1	3	1	3	2
										Sample Date: 01/04/21	08/04/21	08/04/21	07/04/21	07/04/21	06/04/21
										Investigation: NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology: MG	MG	MG	MG	MG	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0						
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0						
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0						
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0						
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0						
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0						
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0						
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0						
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0						
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0						
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0						
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0						
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0
Iron			mg/kg	No GAC	-	27000	46000		0
Loss on ignition			%	No GAC	-	1.3	19		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0

Hole Ref	GEO_TP215	GEO_TP216	GEO_TP216	GEO_TP217	GEO_TP217	GEO_TP218
Sample Ref	8	5	13	4	10	8
Easting	384601.36	384495.068	384495.068	384573.297	384573.297	384529.73
Northing	399627.554	399605.846	399605.846	399653.391	399653.391	399585.19
Hole Elevation (mOD)	41.28	40.799	40.799	41.342	41.342	40.52
Sample Depth (mbgl)	2	1	3	1	3	2
Sample Date	01/04/21	08/04/21	08/04/21	07/04/21	07/04/21	06/04/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	MG	MG	MG	MG	MG	MG
			<10			<10
			<0.01			<0.01
			19			
			<0.01			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

	GEO_TP219&3.7	GEO_TP219&1&	GEO_WS201&1&	GEO_WS205&0.	GEO_WS205&2&	GEO_WS205&3&
Hole Ref	GEO_TP219	GEO_TP219	GEO_WS201	GEO_WS205	GEO_WS205	GEO_WS205
Sample Ref	16	6	5	2	21	22
Easting	384428.702	384428.702	384733.24	384682.789	384682.789	384682.789
Northing	399453.431	399453.431	399783.67	399673.896	399673.896	399673.896
Hole Elevation (mOD)	30.697	30.697	43.51	42.123	42.123	42.123
Sample Depth (mbgl)	3.7	1	1	0.2	2	3
Sample Date	09/04/21	09/04/21	29/03/21	06/04/21	16/04/21	16/04/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	GTD	MG	MG	MG	MG	MG

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	<1	8.7	4.1	3.4	12	
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	4.9	**180**	**44**	21	**65**	
Beryllium	1.7	GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	<0.2	**2.6**	**2**	1.7	**2.3**	
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	<0.1	1.9	2.4	0.3	0.4	
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	9	57	18	10	81	
Chromium - Hexavalent	6	GAC/S4U	mg/kg	0 of 95	0	<1	<1		0			<1	<1	<1	
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	11	140	280	130	820	
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	15	**430**	170	100	**1400**	
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	<0.05	0.11	<0.05	0.06	0.51	
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	7.4	38	50	43	56	
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5	<0.5	0.6	<0.5	<0.5	
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	8.9	50	64	39	380	
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	22	240	910	170	110	
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	7.7	8.2	7.4	6.8	6.6	
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	0.5	0.6	0.3	0.3	0.6	
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	AC (chlor	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	0.2	1	0.4	0.3	1.4	
Total Organic Carbon			%	No GAC	-	<0.1	54		0	0.5	2.6	5.1	4.6	12	27
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0		NAD	NAD	NAD	NAD	
Asbestos Analysts Comments			---	No GAC	-				0		na	na	na	na	asbestos debris a
Phenol and mineral oils															
Phenol	380	GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0	<0.1	<0.1				
Phenol (Monohydric)	380	GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3	<0.3	<0.3	<0.3	<0.3	
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0	<1.5		<1.5		<1.5	
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1	<1.2		<1.2		<1.2	
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4	<1.5		<1.5		<1.5	
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12	<3.4		<3.4		<3.4	
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0	<3.4		<3.4		<3.4	
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0						
Aliphatics >C5-6	160	GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01		<0.01		<0.01	
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0	<0.01		<0.01		<0.01	
Aliphatics >C8-10	154	GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0	<0.01		<0.01		<0.01	
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0	<0.9		<0.9		<0.9	
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0	<0.5		<0.5		<0.5	
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0	<0.6		<0.6		<0.6	
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0	<1.4		<1.4		<1.4	
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0	<1.4		<1.4		<1.4	
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0	<0.01		<0.01		<0.01	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Hole Ref										GEO_TP219	GEO_TP219	GEO_WS201	GEO_WS205	GEO_WS205	GEO_WS205
Sample Ref										16	6	5	2	21	22
Easting										384428.702	384428.702	384733.24	384682.789	384682.789	384682.789
Northing										399453.431	399453.431	399783.67	399673.896	399673.896	399673.896
Hole Elevation (mOD)										30.697	30.697	43.51	42.123	42.123	42.123
Sample Depth (mbgl)										3.7	1	1	0.2	2	3
Sample Date										09/04/21	09/04/21	29/03/21	06/04/21	16/04/21	16/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										GTD	MG	MG	MG	MG	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0	<0.01		<0.01		<0.01	
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0				<10		26
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0	<10		<10		<10	
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0			<10		<10	
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0						
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0						
PAH															
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0	<0.03	0.1	<0.03		<0.03	
Dibenz-a-h-anthracene	0.305	.GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0	<0.03	<0.1	<0.03		<0.03	
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0	<0.03	1.7	0.2		0.09	
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0	<0.03	<0.1	<0.03		<0.03	
Indeno(1,2,3-cd)pyrene	41.2	.GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0	<0.03	0.4	0.04		<0.03	
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0	<0.03	1	0.11		0.09	
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0	<0.03	1.5	0.23		0.09	
Napthalene	13.2	.GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0	<0.01	<0.01	<0.03		<0.03	
Pah,Total			mg/kg	No GAC	-	<0.1	620		0	<0.1		1	<1.6	0.4	<1.6
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0	<0.03	<0.1	<0.03		<0.03	
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0	<0.03	0.3	0.06		<0.03	
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0	<0.03	0.7	0.08		0.04	
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0	<0.03	0.4	0.04		<0.03	
Benzo(a)pyrene	3	.GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0	<0.03	0.7	0.07		<0.03	
Benzo(b)fluoranthene	3.7	.GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0	<0.03	1	0.1		0.04	
Benzo(k)fluoranthene	100	.GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0	<0.03	0.3	0.04		<0.03	
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0	<0.03	0.7	0.1		0.04	
BTEX															
Benzene	0.37	.GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0	<0.01	<0.01				
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0	<0.01		<0.01	<0.01	<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0	<0.01	<0.01				
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0				<0.04		<0.04
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	6.41	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
1,1,1-Trichloroethane	39.4	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01	<0.01				
1,2,3 Trichlorobenzene	8.6	.GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01	<0.01				
1,2,4-Trichlorobenzene	15.2	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0	<0.01	<0.01				
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0	<0.01	<0.01				
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01	<0.01				
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
1,2-Dichloroethane	0.0187	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0	<0.01	<0.01				
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01	<0.01				
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01	<0.01				

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation		
Hole Ref										GEO_TP219	GEO_TP219	GEO_WS201	GEO_WS205	GEO_WS205	GEO_WS205
Sample Ref										16	6	5	2	21	22
Easting										384428.702	384428.702	384733.24	384682.789	384682.789	384682.789
Northing										399453.431	399453.431	399783.67	399673.896	399673.896	399673.896
Hole Elevation (mOD)										30.697	30.697	43.51	42.123	42.123	42.123
Sample Depth (mbgl)										3.7	1	1	0.2	2	3
Sample Date										09/04/21	09/04/21	29/03/21	06/04/21	16/04/21	16/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										GTD	MG	MG	MG	MG	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	<0.1	<0.1				
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	<0.1	<0.1				
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01	<0.01				
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0	<0.1	<0.1				
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0	<0.1	<0.1				
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01	<0.01				
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01	<0.01				
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0	<0.1	<0.1				
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01	<0.01				
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0	<0.1	<0.1				
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0	<0.1	<0.1				
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01	<0.01				
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0	<0.01	<0.01				
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0	<0.01	<0.01				
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0	<0.1	<0.1				
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0	<0.1	<0.1				
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0	<0.1	<0.1				
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0	<0.01	<0.01				

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0
Iron			mg/kg	No GAC	-	27000	46000		0
Loss on ignition			%	No GAC	-	1.3	19		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0

Hole Ref	GEO_TP219	GEO_TP219	GEO_WS201	GEO_WS205	GEO_WS205	GEO_WS205
Sample Ref	16	6	5	2	21	22
Easting	384428.702	384428.702	384733.24	384682.789	384682.789	384682.789
Northing	399453.431	399453.431	399783.67	399673.896	399673.896	399673.896
Hole Elevation (mOD)	30.697	30.697	43.51	42.123	42.123	42.123
Sample Depth (mbgl)	3.7	1	1	0.2	2	3
Sample Date	09/04/21	09/04/21	29/03/21	06/04/21	16/04/21	16/04/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	GTD	MG	MG	MG	MG	MG
Styrene	<0.01	<0.01				
Tert-Butylbenzene	<0.01	<0.01				
Tetrachloroethene	<0.01	<0.01				
Tetrachloromethane (Carbon Tetra Chlori	<0.01	<0.01				
Tribromomethane	<0.01	<0.01				
Trichloroethene	<0.01	<0.01				
cis-1,2-Dichloroethene	<0.01	<0.01				
cis1,3-Dichloropropene	<0.01	<0.01				
n-Butylbenzene	<0.01	<0.01				
n-propylbenzene	<0.01	<0.01				
trans-1,2-Dichloroethene	<0.01	<0.01				
trans-1,3-Dichloropropene	<0.01	<0.01				
2,3,5,6-Tetrachlorophenol	<0.1	<0.1				
3/4 Methylphenol	<0.1	<0.1				
4-Chlorophenyl Phenyl Ether	<0.1	<0.1				
Aliphatics >C10-44	<10		<10		<10	
Ammoniacal Nitrogen as N						
Aromatics >C5-7	<0.01		<0.01		<0.01	
Iron						
Loss on ignition				11		14
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)						
PCB, Total Of 7 Congeners				<0.01		<0.01
Resorcinol						
Total Aliphatics and Aromatics C10-C44	<10					
Trimethylphenol						
Xylenols & Ethylphenols						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_WS207&1	GEO_WS207&3	GEO_WS207&5	GEO_WS208&2	GEO_WS209&0.	GEO_WS209&2
										Sample Ref	5	9	13	8	2	6
										Easting	384628.92	384628.92	384628.92	384566	384532	384532
										Northing	399674.79	399674.79	399674.79	399473	399453	399453
										Hole Elevation (mOD)	41.91	41.91	41.91	30.168	29.946	29.946
										Sample Depth (mbgl)	1	3	5	2	0.3	2
										Sample Date	07/04/21	28/04/21	28/04/21	01/04/21	08/04/21	28/04/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	MG	MG	MG	MG	MG	MG
Metal																
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0		1.1	<1	1	1.1	6.1	3.2
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0		13	6	8.6	11	23	43
Beryllium	1.7	GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0		0.9	0.9	0.8	0.5	0.7	2.2
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0		0.3	0.2	0.3	0.3	0.7	0.5
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0		21	23	20	10	16	18
Chromium - Hexavalent	6	GAC/S4U	mg/kg	0 of 95	0	<1	<1		0		<1			<1	<1	
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0		45	26	26	52	150	170
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0		44	13	13	240	230	130
Manganese			mg/kg	No GAC	-	350	1400		0							
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0		<0.05	<0.05	<0.05	0.11	0.09	0.39
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0		19	28	25	18	25	33
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0		33	26	25	15	32	43
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0		88	53	54	250	230	97
Inorganic																
pH			pH Units	No GAC	-	5.4	11.7		0		5.4	7.8	7.8	8.2	7.9	6.7
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0		0.1	<0.1	<0.1	160	69	0.3
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0					160		
Cyanide Free	1.4	AC (chror	mg/kg	5 of 10	0	<0.1	0.6		0					0.6		
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0					1		
Boron	290	GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0		1	0.5	0.3	0.2	0.4	1.2
Total Organic Carbon			%	No GAC	-	<0.1	54		0		3	0.6	0.6	0.9	16	13
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0							
Asbestos																
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0		0.012			0.004	<0.001	
Asbestos (Presence of)			---	No GAC	-				0		Chrysotile			Amosite Chrysotile	Chrysotile	NAD
Asbestos Analysts Comments			---	No GAC	-				0		nd bundles in soil			Bundle of Amosite & Chrysotile fibres	Chrysotile fibres	na
Phenol and mineral oils																
Phenol	380	GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0							
Phenol (Monohydric)	380	GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0		<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0							
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0							
TPH																
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0					<1.5		
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1					<1.2		
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4					<1.5		
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12					<3.4		
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0					<3.4		
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0							
Aliphatics >C5-6	160	GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0					<0.01		
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0					<0.01		
Aliphatics >C8-10	154	GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0					<0.01		
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0					<0.9		
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0					<0.5		
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0					<0.6		
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0					<1.4		
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0					<1.4		
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0					<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation					
Hole Ref										GEO_WS207	GEO_WS207	GEO_WS207	GEO_WS208	GEO_WS209	GEO_WS209
Sample Ref										5	9	13	8	2	6
Easting										384628.92	384628.92	384628.92	384566	384532	384532
Northing										399674.79	399674.79	399674.79	399473	399453	399453
Hole Elevation (mOD)										41.91	41.91	41.91	30.168	29.946	29.946
Sample Depth (mbgl)										1	3	5	2	0.3	2
Sample Date										07/04/21	28/04/21	28/04/21	01/04/21	08/04/21	28/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0				<0.01		
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0				250	1100	
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0				<10		
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0				<10		
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0						
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0						
PAH															
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0	<0.03			0.12	0.14	<0.03
Dibenz-a-h-anthracene	0.305	.GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0	<0.03			<0.03	0.07	<0.03
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0	<0.03			0.83	1.8	0.04
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0	<0.03			0.08	0.14	<0.03
Indeno(1,2,3-cd)pyrene	41.2	.GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0	<0.03			0.08	0.23	<0.03
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0	<0.03			0.79	1.1	0.04
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0	<0.03			0.63	1.7	0.04
Napthalene	13.2	.GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0	<0.03			0.09	0.09	<0.03
Pah,Total			mg/kg	No GAC	-	<0.1	620		0	<0.1			3.8	8.7	<0.1
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0	<0.03			<0.03	0.06	<0.03
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0	<0.03			0.19	0.28	<0.03
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0	<0.03			0.21	0.57	<0.03
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0	<0.03			0.08	0.3	<0.03
Benzo(a)pyrene	3	.GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0	<0.03			0.14	0.48	<0.03
Benzo(b)fluoranthene	3.7	.GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0	<0.03			0.22	0.72	<0.03
Benzo(k)fluoranthene	100	.GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0	<0.03			0.08	0.23	<0.03
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0	<0.03			0.22	0.77	<0.03
BTEX															
Benzene	0.37	.GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01			<0.01	<0.01	<0.01
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0	<0.01			<0.01	<0.01	<0.01
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0	<0.01			<0.01	<0.01	<0.01
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0						
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0	<0.01			<0.01	<0.01	<0.01
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0						
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0				<0.04	<0.04	
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	6.41	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1,1-Trichloroethane	39.4	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
1,2,3 Trichlorobenzene	8.6	.GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0						
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						
1,2,4-Trichlorobenzene	15.2	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0						
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0						
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0						
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,2-Dichloroethane	0.0187	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0						
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0						
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref: GEO_WS207	GEO_WS207	GEO_WS207	GEO_WS208	GEO_WS209	GEO_WS209
										Sample Ref: 5	9	13	8	2	6
										Easting: 384628.92	384628.92	384628.92	384566	384532	384532
										Northing: 399674.79	399674.79	399674.79	399473	399453	399453
										Hole Elevation (mOD): 41.91	41.91	41.91	30.168	29.946	29.946
										Sample Depth (mbgl): 1	3	5	2	0.3	2
										Sample Date: 07/04/21	28/04/21	28/04/21	01/04/21	08/04/21	28/04/21
										Investigation: NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology: MG	MG	MG	MG	MG	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0						
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0						
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0						
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0						
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0						
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0						
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0						
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0						
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0						
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0						
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0						
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0						
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	GEO_WS207	GEO_WS207	GEO_WS207	GEO_WS208	GEO_WS209	GEO_WS209
Hole Ref										GEO_WS207	GEO_WS207	GEO_WS207	GEO_WS208	GEO_WS209	GEO_WS209
Sample Ref										5	9	13	8	2	6
Easting										384628.92	384628.92	384628.92	384566	384532	384532
Northing										399674.79	399674.79	399674.79	399473	399453	399453
Hole Elevation (mOD)										41.91	41.91	41.91	30.168	29.946	29.946
Sample Depth (mbgl)										1	3	5	2	0.3	2
Sample Date										07/04/21	28/04/21	28/04/21	01/04/21	08/04/21	28/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0						
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0						
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0						
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0						
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0						
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0				<10		
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0						
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0				<0.01		
Iron			mg/kg	No GAC	-	27000	46000		0						
Loss on ignition			%	No GAC	-	1.3	19		0				4.4	10	
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0						
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0				<0.01	<0.01	
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0						
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0						
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0						
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	GEO_WS209&3	GEO_WS210&0.	GEO_WS210&0.	GEO_WS213A&	GEO_WS213A&	GEO_WS214&2
Hole Ref										GEO_WS209	GEO_WS210	GEO_WS210	GEO_WS213A	GEO_WS213A	GEO_WS214
Sample Ref										8	2	4	2	5	6
Easting										384532	384519.681	384519.681	384432.45	384432.45	384420.108
Northing										399453	399609.597	399609.597	399535.74	399535.74	399536.111
Hole Elevation (mOD)										29.946	40.881	40.881	39.95	39.95	39.888
Sample Depth (mbgl)										3	0.3	0.7	1	2	2
Sample Date										28/04/21	16/04/21	16/04/21	08/04/21	16/04/21	28/04/21
Investigation										NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology										MG	MG	MG	MG	MG	MG
Metal															
Antimony	322	AGAC	mg/kg	98 of 128	0	<1	180		0	2.3		3.6	1.3	1.1	<1
Arsenic	37	C4SL/S4U	mg/kg	128 of 128	13	1.9	180		0	20		25	13	8.4	3.6
Beryllium	1.7	GAC/S4U	mg/kg	123 of 128	24	<0.2	3.9		0	1		0.9	0.8	0.6	0.4
Cadmium	11	S4UL	mg/kg	118 of 128	0	<0.1	4.7		0	0.3		1.3	0.3	<0.1	<0.1
Chromium	907	GAC (Cr I	mg/kg	128 of 128	0	4.8	470		0	20		44	18	18	11
Chromium - Hexavalent	6	GAC/S4U	mg/kg	0 of 95	0	<1	<1		0			<1	<1	<1	
Copper	2430	AGAC	mg/kg	128 of 128	1	8.9	4200		0	58		170	38	23	11
Lead	200	C4SL	mg/kg	128 of 128	39	6.4	12000		0	87		110	32	26	7
Manganese			mg/kg	No GAC	-	350	1400		0						
Mercury	40	JL (inorga	mg/kg	87 of 128	0	<0.05	18		0	0.22		0.14	0.38	0.19	<0.05
Nickel	126	AGAC	mg/kg	128 of 128	0	6.5	56		0	26		35	16	14	11
Selenium	253	AGAC	mg/kg	17 of 128	0	<0.5	1.8		0	<0.5		<0.5	<0.5	<0.5	<0.5
Vanadium	410	L (pentava	mg/kg	128 of 128	1	7	640		0	35		160	28	28	13
Zinc	3745	AGAC	mg/kg	128 of 128	0	22	1700		0	65		410	81	41	26
Inorganic															
pH			pH Units	No GAC	-	5.4	11.7		0	7.6		8.2	7.1	7.7	7.5
Cyanide	1.4	C (free, ch	mg/kg	73 of 128	14	<0.1	160		0	<0.1		0.1	0.6	<0.1	<0.1
Complex Cyanide			mg/kg	No GAC	-	<0.2	160		0						
Cyanide Free	1.4	AC (chror	mg/kg	5 of 10	0	<0.1	0.6		0						
Thiocyanate			mg/kg	No GAC	-	<0.6	1.6		0						
Boron	290	GAC/S4U	mg/kg	126 of 128	0	<0.2	2.4		0	1.1		0.8	1.3	0.5	0.3
Total Organic Carbon			%	No GAC	-	<0.1	54		0	6.8	16	14	2.5	1.2	<0.5
Ortho Phosphate as P			mg/kg	No GAC	-	0.14	42		0						
Asbestos															
Asbestos Quantification (Total %)			%	No GAC	-	<0.001	0.012		0						
Asbestos (Presence of)			---	No GAC	-				0			NAD	NAD	NAD	
Asbestos Analysts Comments			---	No GAC	-				0			na	na	na	
Phenol and mineral oils															
Phenol	380	GAC/S4U	mg/kg	1 of 15	0	<0.1	<0.5		0						
Phenol (Monohydric)	380	GAC/S4U	mg/kg	27 of 128	0	<0.3	2.7		0	<0.3		<0.3	2.7	<0.3	<0.3
Phenols, Total			mg/kg	No GAC	-	<5	<5		0						
Cresols			mg/kg	No GAC	-	<0.5	<0.5		0						
TPH															
Aliphatics >C10-12	765	AGAC	mg/kg	8 of 92	0	<1.5	130	283.0	0			<1.5		<1.5	
Aliphatics >C12-16	4340	AGAC	mg/kg	15 of 92	0	<1.2	240	142.0	1			<1.2		<1.2	
Aliphatics >C16-21	48700	C (Ali >C1	mg/kg	15 of 92	0	<1.5	160	51.0	4			<1.5		<1.5	
Aliphatics >C21-35	48700	C (Ali >C1	mg/kg	16 of 92	0	<3.4	350	51.0	12			<3.4		<3.4	
Aliphatics >C35-44	48700	C (Ali >C1	mg/kg	0 of 34	0	<3.4	<3.4	51.0	0			<3.4		<3.4	
Aliphatics >C5-35			mg/kg	No GAC	-	<10	650		0						
Aliphatics >C5-6	160	GAC/S4U	mg/kg	0 of 92	0	<0.01	<0.01		0			<0.01		<0.01	
Aliphatics >C6-8	528	AGAC	mg/kg	1 of 92	0	<0.01	1.2		0			<0.01		<0.01	
Aliphatics >C8-10	154	GAC/S4U	mg/kg	2 of 92	0	<0.01	3.1		0			<0.01		<0.01	
Aromatics >C10-12	383	AGAC	mg/kg	13 of 92	0	<0.9	42		0			<0.9		<0.9	
Aromatics >C12-16	664	AGAC	mg/kg	24 of 92	0	<0.5	160		0			<0.5		<0.5	
Aromatics >C16-21	908	AGAC	mg/kg	29 of 92	0	<0.6	360		0			<0.6		<0.6	
Aromatics >C21-35	1709	AGAC	mg/kg	30 of 92	0	<1.4	670		0			<1.4		<1.4	
Aromatics >C35-44	1709	AGAC	mg/kg	2 of 34	0	<1.4	81		0			<1.4		<1.4	
Aromatics >C7-8	657	AC (toluе	mg/kg	0 of 92	0	<0.01	<0.01		0			<0.01		<0.01	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_WS209	GEO_WS210	GEO_WS210	GEO_WS213A	GEO_WS213A	GEO_WS214
										Sample Ref	8	2	4	2	5	6
										Easting	384532	384519.681	384519.681	384432.45	384432.45	384420.108
										Northing	399453	399609.597	399609.597	399535.74	399535.74	399536.111
										Hole Elevation (mOD)	29.946	40.881	40.881	39.95	39.95	39.888
										Sample Depth (mbgl)	3	0.3	0.7	1	2	2
										Sample Date	28/04/21	16/04/21	16/04/21	08/04/21	16/04/21	28/04/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	MG	MG	MG	MG	MG	MG
Aromatics >C8-10	191	AGAC	mg/kg	1 of 92	0	<0.01	10		0				<0.01		<0.01	
TPH >C10-40			mg/kg	No GAC	-	<10	1700		0			96				
Aromatics >C10-44			mg/kg	No GAC	-	<10	930		0				<10		<10	
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	980		0				<10		<10	
Total Aliphatics and Aromatics C5-C35			mg/kg	No GAC	-	<10	1200		0							
Total Aromatics C5-C35			mg/kg	No GAC	-	<10	740		0							
PAH																
Acenaphthene	1107	AGAC	mg/kg	45 of 99	0	<0.03	19		0				<0.03	<0.03	<0.03	
Dibenz-a-h-anthracene	0.305	.GAC/S4U	mg/kg	30 of 99	6	<0.03	5		0				<0.03	<0.03	<0.03	
Fluoranthene	894	AGAC	mg/kg	74 of 99	0	<0.03	120		0				0.3	0.06	<0.03	
Fluorene	859	AGAC	mg/kg	39 of 99	0	<0.03	15		0				<0.03	<0.03	<0.03	
Indeno(1,2,3-cd)pyrene	41.2	.GAC/S4U	mg/kg	58 of 99	0	<0.03	14		0				0.03	<0.03	<0.03	
Phenanthrene	436	AGAC	mg/kg	73 of 99	0	<0.03	110		0				0.25	0.08	<0.03	
Pyrene	2040	AGAC	mg/kg	75 of 99	0	<0.03	110		0				0.31	0.05	<0.03	
Napthalene	13.2	.GAC/S4U	mg/kg	48 of 100	0	<0.01	8.1		0				0.04	0.06	<0.03	
Pah,Total			mg/kg	No GAC	-	<0.1	620		0			21	1.4	0.25	<0.1	
Acenaphthylene	922	AGAC	mg/kg	21 of 99	0	<0.03	7.7		0				<0.03	<0.03	<0.03	
Anthracene	10700	AGAC	mg/kg	59 of 99	0	<0.03	24		0				0.06	<0.03	<0.03	
Benzo(a)anthracene	13.3	AGAC	mg/kg	67 of 99	2	<0.03	43		0				0.12	<0.03	<0.03	
Benzo (g,h,i) perylene	349	AGAC	mg/kg	59 of 99	0	<0.03	16		0				0.03	<0.03	<0.03	
Benzo(a)pyrene	3	.GAC/S4U	mg/kg	60 of 99	6	<0.03	26		0				0.05	<0.03	<0.03	
Benzo(b)fluoranthene	3.7	.GAC/S4U	mg/kg	67 of 99	5	<0.03	37		0				0.1	<0.03	<0.03	
Benzo(k)fluoranthene	100	.GAC/S4U	mg/kg	55 of 99	0	<0.03	17		0				0.03	<0.03	<0.03	
Chrysene	26.8	AGAC	mg/kg	68 of 99	1	<0.03	50		0				0.12	<0.03	<0.03	
BTEX																
Benzene	0.37	.GAC/S4U	mg/kg	0 of 109	0	<0.01	<0.01		0			<0.01	<0.01	<0.01	<0.01	
Toluene	657	AGAC	mg/kg	0 of 109	0	<0.01	<0.01		0			<0.01	<0.01	<0.01	<0.01	
Ethylbenzene	255	AGAC	mg/kg	2 of 109	0	<0.01	0.24		0			<0.01	<0.01	<0.01	<0.01	
O-Xylene	329	AGAC	mg/kg	2 of 14	0	<0.01	0.39		0							
Xylene	308	AC (p-xyle	mg/kg	3 of 103	0	<0.01	1.9		0			<0.01	<0.01	<0.01	<0.01	
m,p xylenes	308	AC (p-xyle	mg/kg	2 of 14	0	<0.01	0.18		0							
Total BTEX			mg/kg	No GAC	-	<0.04	<0.04		0			<0.04				
VOCs/SVOCs																
1,1,1,2-Tetrachloroethane	6.41	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,1-Trichloroethane	39.4	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1,2-Trichloroethane	3.45	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethane	10.5	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloroethene	1.16	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,1-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,3 Trichlorobenzene	8.6	.GAC/S4U	mg/kg	1 of 14	0	<0.01	<0.1		0							
1,2,3-Trichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2,4-Trichlorobenzene	15.2	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2,4-Trimethylbenzene	2.71	AGAC	mg/kg	2 of 14	0	<0.01	0.85		0							
1,2-Dibromo-3-Chloropropane			mg/kg	No GAC	-	<0.01	0.16		0							
1,2-Dibromoethane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,2-Dichlorobenzene	129	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloroethane	0.0187	.GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,2-Dichloropropane	0.12	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3,5-Trimethylbenzene			mg/kg	No GAC	-	<0.01	0.42		0							
1,3-Dichlorobenzene	1.96	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
1,3-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							
1,4-Dichlorobenzene	350	S4UL (inh	mg/kg	0 of 14	0	<0.01	<0.1		0							
2,2-Dichloropropane			mg/kg	No GAC	-	<0.01	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref: GEO_WS209	GEO_WS210	GEO_WS210	GEO_WS213A	GEO_WS213A	GEO_WS214
										Sample Ref: 8	2	4	2	5	6
										Easting: 384532	384519.681	384519.681	384432.45	384432.45	384420.108
										Northing: 399453	399609.597	399609.597	399535.74	399535.74	399536.111
										Hole Elevation (mOD): 29.946	40.881	40.881	39.95	39.95	39.888
										Sample Depth (mbgl): 3	0.3	0.7	1	2	2
										Sample Date: 28/04/21	16/04/21	16/04/21	08/04/21	16/04/21	28/04/21
										Investigation: NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology: MG	MG	MG	MG	MG	MG
2,3,4,6-Tetrachlorophenol	4.61	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4,5-Trichlorophenol	4.5	S4UL	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4,6-Trichlorophenol	7.54	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4-Dichlorophenol	4.41	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,4-Dimethylphenol	101	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2,4-Dinitrotoluene	7.3	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2,6-Dinitrotoluene	3.95	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2-Chloronaphthalene	31	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2-Chlorophenol	19.2	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
2-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
2-Methyl-4,6-Dinitrophenol			mg/kg	No GAC	-	<0.1	<0.1		0						
2-Methylnaphthalene			mg/kg	No GAC	-	<0.1	15		0						
2-Methylphenol	411	AGAC	mg/kg	1 of 13	0	<0.1	0.2		0						
2-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
3-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Bromophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chloro-3-Methylphenol			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Chlorotoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
4-Isopropyltoluene			mg/kg	No GAC	-	<0.01	<0.1		0						
4-Nitroaniline			mg/kg	No GAC	-	<0.1	<0.1		0						
4-Nitrophenol			mg/kg	No GAC	-	<0.1	6.2		0						
Aniline			mg/kg	No GAC	-	<0.1	<0.1		0						
Azobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Benzyl Alcohol			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroethoxy)methane			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-chloroisopropyl)ether			mg/kg	No GAC	-	<0.1	<0.1		0						
Bis(2-ethylhexyl)phthalate	1290	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Bromobenzene	6.6	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Bromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Bromodichloromethane	0.0816	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
Butylbenzylphthalate	7640	AGAC	mg/kg	1 of 13	0	<0.1	<0.1		0						
Carbazole			mg/kg	No GAC	-	<0.1	3.5		0						
Chlorobenzene	2.39	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Chloroethene	0.00136	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Chloroform	3.35	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Di-N-Butyl Phthalate	70.5	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Di-N-Octyl Phthalate	4350	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Dibenzofuran			mg/kg	No GAC	-	<0.1	8.3		0						
Dibromochloromethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Dibromomethane			mg/kg	No GAC	-	<0.01	<0.1		0						
Diethylphthalate	588	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Dimethylphthalate			mg/kg	No GAC	-	<0.1	<0.1		0						
Diphenylamine			mg/kg	No GAC	-	<0.1	<0.1		0						
Hexachlorobenzene (HCB)	4.74	AGAC	mg/kg	0 of 13	0	<0.1	<0.1		0						
Hexachlorobutadiene (HCBD)	1.61	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0						
Hexachlorocyclopentadiene			mg/kg	No GAC	-	<0.1	<0.1		0						
Isopropylbenzene	88.6	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0						
M-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Methyl tert-butyl ether (MTBE)	208	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0						
O-Dinitrobenzene			mg/kg	No GAC	-	<0.1	11		0						
P-Dinitrobenzene			mg/kg	No GAC	-	<0.1	<0.1		0						
Pentachlorophenol (PCP)	1.21	GAC/S4U	mg/kg	0 of 13	0	<0.1	<0.1		0						
Sec-Butylbenzene			mg/kg	No GAC	-	<0.01	0.85		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	GEO_WS209	GEO_WS210	GEO_WS210	GEO_WS213A	GEO_WS213A	GEO_WS214
										Sample Ref	8	2	4	2	5	6
										Easting	384532	384519.681	384519.681	384432.45	384432.45	384420.108
										Northing	399453	399609.597	399609.597	399535.74	399535.74	399536.111
										Hole Elevation (mOD)	29.946	40.881	40.881	39.95	39.95	39.888
										Sample Depth (mbgl)	3	0.3	0.7	1	2	2
										Sample Date	28/04/21	16/04/21	16/04/21	08/04/21	16/04/21	28/04/21
										Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
										Geology	MG	MG	MG	MG	MG	MG
Styrene	46.7	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Tert-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0							
Tetrachloroethene	0.903	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Tetrachloromethane (Carbon Tetra Chlori	0.127	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
Tribromomethane	15.8	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
Trichloroethene	0.0753	GAC/S4U	mg/kg	0 of 14	0	<0.01	<0.1		0							
cis-1,2-Dichloroethene	0.517	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
cis1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
n-Butylbenzene			mg/kg	No GAC	-	<0.01	<0.1		0							
n-propylbenzene	259	AGAC	mg/kg	1 of 14	0	<0.01	<0.1		0							
trans-1,2-Dichloroethene	0.98	AGAC	mg/kg	0 of 14	0	<0.01	<0.1		0							
trans-1,3-Dichloropropene			mg/kg	No GAC	-	<0.01	<0.1		0							
2,3,5,6-Tetrachlorophenol			mg/kg	No GAC	-	<0.1	<0.1		0							
3/4 Methylphenol			mg/kg	No GAC	-	<0.1	0.4		0							
4-Chlorophenyl Phenyl Ether			mg/kg	No GAC	-	<0.1	<0.1		0							
Aliphatics >C10-44			mg/kg	No GAC	-	<10	94		0				<10		<10	
Ammoniacal Nitrogen as N			mg/kg	No GAC	-	2.2	2.2		0							
Aromatics >C5-7			mg/kg	No GAC	-	<0.01	<0.01		0				<0.01		<0.01	
Iron			mg/kg	No GAC	-	27000	46000		0							
Loss on ignition			%	No GAC	-	1.3	19		0			11				
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/kg	No GAC	-	<0.5	<0.5		0							
PCB, Total Of 7 Congeners			mg/kg	No GAC	-	<0.01	0.03		0			<0.01				
Resorcinol			mg/kg	No GAC	-	<0.5	<0.5		0							
Total Aliphatics and Aromatics C10-C44			mg/kg	No GAC	-	<10	<10		0							
Trimethylphenol			mg/kg	No GAC	-	<0.5	<0.5		0							
Xylenols & Ethylphenols			mg/kg	No GAC	-	<0.5	<0.5		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Leachate 2:1 ratio in eluate

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	BH203	BH210	TP205	WS207	WS209	WS203	WS205
										Sample Ref	4	8	5	5	2	4	2
										Easting							
										Northing							
										Hole Elevation (mOD)							
										Sample Depth (mbgl)	1.2	2.2	1	1	0.3	1	0.2
										Piezometer top (mbgl)							
										Piezometer base (mbgl)							
										Sample Date	23/04/21	23/04/21	23/04/21	21/04/21	20/04/21	19/04/21	19/04/21
										Investigation							
										Material	MG	MG	MG	MG	MG	MG	MG
											RB Plateau	RB Plateau	St. C Wood	RB Plateau	Travis Island	St. C Wood	RB Plateau
Metal																	
Antimony	0.005	DWS	mg/l	16 of 22	1	<0.00017	0.0052	0.00289			0.001	0.00085	<0.00017	0.0002	**0.0052**	<0.00017	0.00058
Arsenic	0.01	DWS	mg/l	19 of 22	0	<0.00016	0.0029	0.00227			0.00071	0.0012	0.00033	0.00046	0.0013	0.0008	0.00028
Cadmium	0.00008	EQS	mg/l	7 of 22	3	<0.00003	0.00028	0.00018			0.000037	<0.00003	<0.00003	0.000044	**0.00016**	<0.00003	<0.00003
Chromium	0.0047	EQS	mg/l	20 of 22	0	<0.00025	0.0025	0.0021			0.00071	0.00055	0.00029	<0.00025	0.00086	0.00074	0.00054
Copper	0.001	EQS	mg/l	22 of 22	12	0.00044	0.0089	0.0034			**0.0034**	**0.0018**	0.00091	0.00083	**0.0013**	**0.0012**	0.00077
Lead	0.0012	EQS	mg/l	21 of 22	3	<0.00009	0.0028	0.0013			0.0008	0.00067	0.00019	0.00017	0.00034	0.000096	0.00026
Mercury	0.001	DWS	mg/l	3 of 22	0	<0.00001	0.00007	0.00002			0.000016	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Nickel	0.004	EQS	mg/l	7 of 22	0	<0.0005	0.0032	0.0008			0.00077	<0.0005	<0.0005	<0.0005	<0.0005	0.0008	<0.0005
Selenium	0.01	DWS	mg/l	12 of 22	0	<0.00025	0.0017	0.00165			0.0017	0.00067	<0.00025	<0.00025	0.0004	0.00061	<0.00025
Zinc	0.0123	EQS	mg/l	20 of 22	2	<0.0013	0.19	0.0557			0.009	0.0047	0.0019	0.012	0.0032	0.0034	0.0043
Inorganic																	
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.2	8.7	7.895			7.8	7.8	7.8	7.2	7.6	7.6	7.1
Chloride	250	EQS*/DWS	mg/l	22 of 22	0	0.67	15	8.065			2.3	0.83	0.67	1.9	1.1	0.99	0.97
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	4.5	3.480			2.7	<2	<2	<2	<2	<2	<2
Sulphate as SO4	250	DWS	mg/l	22 of 22	1	1.6	360	32.950			16	8.3	4.2	33	3.1	3.2	13
Phenol and mineral oils																	
Phenol	0.0077	EQS	mg/l	0 of 22	0	<0.1	<0.1	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Leachate 2:1 ratio in eluate

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	TP207	TP215	WS208	TP211	TP212	WS204	WS206
										Sample Ref	5	8	8	5	2	4	8
										Easting							
										Northing							
										Hole Elevation (mOD)							
										Sample Depth (mbgl)	1	2	2	1	0.3	1	2
										Piezometer top (mbgl)							
										Piezometer base (mbgl)							
										Sample Date	20/04/21	19/04/21	19/04/21	19/04/21	19/04/21	19/04/21	19/04/21
										Investigation							
										Material	MG	MG	MG	MG	MG	MG	MG
											RB Plateau	RB Plateau	Travis Island	RB Plateau	St. C Wood	St. C Wood	St. C Wood
Metal																	
Antimony	0.005	DWS	mg/l	16 of 22	1	<0.00017	0.0052	0.00289			<0.00017	0.00022	0.00033	<0.00017	0.00076	0.0029	0.00039
Arsenic	0.01	DWS	mg/l	19 of 22	0	<0.00016	0.0029	0.00227			0.00028	0.00031	0.00043	<0.00016	0.00053	0.0016	0.00035
Cadmium	0.00008	EQS	mg/l	7 of 22	3	<0.00003	0.00028	0.00018			0.000054	**0.00028**	0.000062	<0.00003	<0.00003	<0.00003	<0.00003
Chromium	0.0047	EQS	mg/l	20 of 22	0	<0.00025	0.0025	0.0021			0.0007	0.00089	0.0012	0.002	<0.00025	0.00086	0.0014
Copper	0.001	EQS	mg/l	22 of 22	12	0.00044	0.0089	0.0034			0.00055	0.00066	**0.0025**	0.00063	0.00071	**0.0024**	**0.0014**
Lead	0.0012	EQS	mg/l	21 of 22	3	<0.00009	0.0028	0.0013			0.00011	0.00028	0.00033	<0.00009	0.00013	**0.0013**	0.00031
Mercury	0.001	DWS	mg/l	3 of 22	0	<0.00001	0.00007	0.00002			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.000018	<0.00001
Nickel	0.004	EQS	mg/l	7 of 22	0	<0.0005	0.0032	0.0008			<0.0005	<0.0005	0.00065	<0.0005	<0.0005	<0.0005	0.00071
Selenium	0.01	DWS	mg/l	12 of 22	0	<0.00025	0.0017	0.00165			0.0003	0.00029	0.00031	<0.00025	<0.00025	<0.00025	<0.00025
Zinc	0.0123	EQS	mg/l	20 of 22	2	<0.0013	0.19	0.0557			0.0025	0.0066	0.0033	<0.0013	**0.058**	0.008	0.0032
Inorganic																	
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.2	8.7	7.895			7.5	7.5	7.7	7.3	7.9	7.7	7.4
Chloride	250	EQS*/DWS	mg/l	22 of 22	0	0.67	15	8.065			0.88	1.1	1.6	1.3	1.5	8.3	1.3
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	4.5	3.480			<2	<2	<2	<2	<2	<2	<2
Sulphate as SO4	250	DWS	mg/l	22 of 22	1	1.6	360	32.950			1.6	13	14	32	7.2	16	2
Phenol and mineral oils																	
Phenol	0.0077	EQS	mg/l	0 of 22	0	<0.1	<0.1	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Leachate 2:1 ratio in eluate

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		Hole Ref	BH212	BH214	BH207	WS211	WS202	WS205	WS210
										Sample Ref	6	2	7	2	2	22	2
										Easting							
										Northing							
										Hole Elevation (mOD)							
										Sample Depth (mbgl)	1.2	0.3	2.2	0.3	0.3	3	0.3
										Piezometer top (mbgl)							
										Piezometer base (mbgl)							
										Sample Date	14/04/2021	14/04/2021	12/05/2021	30/04/2021	29/04/2021	29/04/2021	29/04/2021
										Investigation							
										Material	MG	MG	MG	Topsoil	MG	MG	MG
											RB Viaduct	RB Viaduct	RB Plateau	St. C Wood	St. C Wood	RB Plateau	RB Plateau
Metal																	
Antimony	0.005	DWS	mg/l	16 of 22	1	<0.00017	0.0052	0.00289			0.00071	0.0004	<0.00017	<0.00017	0.0013	0.00043	0.00067
Arsenic	0.01	DWS	mg/l	19 of 22	0	<0.00016	0.0029	0.00227			0.0023	0.0017	0.00025	<0.00016	0.0011	<0.00016	0.0007
Cadmium	0.00008	EQS	mg/l	7 of 22	3	<0.00003	0.00028	0.00018			**0.00018**	<0.00003	<0.00003	<0.00003	<0.00003	<0.00003	<0.00003
Chromium	0.0047	EQS	mg/l	20 of 22	0	<0.00025	0.0025	0.0021			0.00032	0.0021	0.00062	0.00058	0.0025	0.0014	0.0012
Copper	0.001	EQS	mg/l	22 of 22	12	0.00044	0.0089	0.0034			**0.0017**	**0.0089**	0.00044	0.00098	**0.0032**	0.0005	**0.0013**
Lead	0.0012	EQS	mg/l	21 of 22	3	<0.00009	0.0028	0.0013			0.00017	0.00069	0.00016	0.0001	**0.0013**	0.00017	0.00045
Mercury	0.001	DWS	mg/l	3 of 22	0	<0.00001	0.00007	0.00002			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Nickel	0.004	EQS	mg/l	7 of 22	0	<0.0005	0.0032	0.0008			0.0032	0.00057	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Selenium	0.01	DWS	mg/l	12 of 22	0	<0.00025	0.0017	0.00165			0.0017	0.00046	<0.00025	<0.00025	0.00035	<0.00025	0.00031
Zinc	0.0123	EQS	mg/l	20 of 22	2	<0.0013	0.19	0.0557			**0.19**	0.0026	<0.0013	0.0063	0.0055	0.0024	0.0099
Inorganic																	
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.2	8.7	7.895			6.3	8.7	6.2	7	6.8	6.7	6.7
Chloride	250	EQS*/DWS	mg/l	22 of 22	0	0.67	15	8.065			3.6	15	1.1	1.8	2.8	2	2
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	4.5	3.480			<2	3.1	<2	<2	4.5	2.8	3.5
Sulphate as SO4	250	DWS	mg/l	22 of 22	1	1.6	360	32.950			**360**	22	4	8.9	6.4	13	9.8
Phenol and mineral oils																	
Phenol	0.0077	EQS	mg/l	0 of 22	0	<0.1	<0.1	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1

Leachate 2:1 ratio in eluate

Hole Ref	WS212
Sample Ref	4
Easting	
Northing	
Hole Elevation (mOD)	
Sample Depth (mbgl)	0.6
Piezometer top (mbgl)	
Piezometer base (mbgl)	
Sample Date	29/04/2021
Investigation	
Material	MG

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile		St. C Wood
Metal										
Antimony	0.005	DWS	mg/l	16 of 22	1	<0.00017	0.0052	0.00289		0.0026
Arsenic	0.01	DWS	mg/l	19 of 22	0	<0.00016	0.0029	0.00227		0.0029
Cadmium	0.00008	EQS	mg/l	7 of 22	3	<0.00003	0.00028	0.00018		<0.00003
Chromium	0.0047	EQS	mg/l	20 of 22	0	<0.00025	0.0025	0.0021		0.0014
Copper	0.001	EQS	mg/l	22 of 22	12	0.00044	0.0089	0.0034		**0.0033**
Lead	0.0012	EQS	mg/l	21 of 22	3	<0.00009	0.0028	0.0013		**0.0028**
Mercury	0.001	DWS	mg/l	3 of 22	0	<0.00001	0.00007	0.00002		0.00007
Nickel	0.004	EQS	mg/l	7 of 22	0	<0.0005	0.0032	0.0008		0.0005
Selenium	0.01	DWS	mg/l	12 of 22	0	<0.00025	0.0017	0.00165		0.00065
Zinc	0.0123	EQS	mg/l	20 of 22	2	<0.0013	0.19	0.0557		0.0067
Inorganic										
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.2	8.7	7.895		6.7
Chloride	250	EQS*/DWS	mg/l	22 of 22	0	0.67	15	8.065		1.2
Dissolved Organic Carbon		-	mg/l	No GAC	-	<2	4.5	3.480		2.4
Sulphate as SO4	250	DWS	mg/l	22 of 22	1	1.6	360	32.950		3.7
Phenol and mineral oils										
Phenol	0.0077	EQS	mg/l	0 of 22	0	<0.1	<0.1	0.1		<0.1

Victoria North
Ground gas monitoring

Round	BH	Date	Atm pressure	Depth to GW (m)	Flow rate	Methane	Carbon dioxide	Hydrogen Sulfide	Carbon Monoxide	Oxygen	GSV Methane	GSV Carbon dioxide	CS
1	BH201	20/05/2021	1012	5.46	0	0.1	0.2	<1.0	<1.0	13.2	0	0	CS1
2	BH201	26/05/2021	1009	5.23	0	0.1	0.2	<1.0	<1.0	12.8	0	0	CS1
3	BH201	01/07/2021	1013	5.23	0	1.7	0.5	<1.0	<1.0	16.5	0	0	CS1
4	BH201	05/08/2021	1000	5	0	1.2	0.6	<1.0	<1.0	17.8	0	0	CS1
5	BH201	10/08/2021	1007	4.95	0	0.8	0.9	<1.0	<1.0	16.5	0	0	CS1
1	BH202	01/07/2021	1013	4.94	1.2	0.1	0.1	<1.0	1	20.1	0.0012	0.0012	CS1
2	BH202	05/08/2021	1001	4.51	0	0.1	0.1	<1.0	3	19.9	0	0	CS1
3	BH202	10/08/2021	1007	4.19	0	0.1	0.1	<1.0	5	19.4	0	0	CS1
1	BH203	12/05/2021	1001	12	0.1	0.1	1.8	<1.0	<1.0	14	0.0001	0.0018	CS1
2	BH203	20/05/2021	1011	12.12	0	0.1	1.8	<1.0	<1.0	14.3	0	0	CS1
3	BH203	26/05/2021	1012	12.17	0	0.1	2.1	<1.0	<1.0	13.7	0	0	CS1
4	BH203	05/08/2021									0	0	NO DATA
5	BH203	10/08/2021									0	0	NO DATA
1	BH204	11/05/2021	1003	2.36	0.1	0.1	6.1	<1.0	<1.0	13.7	0.0001	0.0061	CS1
2	BH204	20/05/2021	1013	2.29	0	0.1	6.4	<1.0	1	12.9	0	0	CS1
3	BH204	26/05/2021	1009	2.36	0	0.1	5.6	<1.0	1	13.2	0	0	CS1
4	BH204	01/07/2021	1013	2.67	1.5	0.1	4	<1.0	<1.0	9.8	0.0015	0.06	CS1
5	BH204	05/08/2021	1001	2.58	0.1	0.1	4.5	<1.0	<1.0	8.5	0.0001	0.0045	CS1
6	BH204	10/08/2021	1007	2.36	0	0.1	9.7	<1.0	<1.0	8.3	0	0	CS1
1	BH205	01/07/2021	1013	6.11	1	0.1	11	<1.0	<1.0	19.1	0.001	0.11	CS2
2	BH205	05/08/2021	1001	5.88	0	0.1	10.2	<1.0	<1.0	19.2	0	0	CS1
3	BH205	10/08/2021	1007	5.68	0	0.1	0.5	<1.0	<1.0	16.4	0	0	CS1
1	BH206	20/05/2021	1011	2.71	0.1	0.1	0.7	<1.0	<1.0	10.3	0.0001	0.0007	CS1
2	BH206	26/05/2021	1009	2.74	0.1	0.1	1.5	<1.0	<1.0	9.4	0.0001	0.0015	CS1
3	BH206	01/07/2021	1013	3.1	0	0.1	5.8	<1.0	<1.0	9.9	0	0	CS1
4	BH206	05/08/2021	1001	2.99	0.1	0.2	6.6	<1.0	<1.0	9.5	0.0002	0.0066	CS1
5	BH206	10/08/2021	1007	2.77	0.1	0.3	6.2	<1.0	<1.0	7.3	0.0003	0.0062	CS1
1	BH207	11/05/2021	1002	12.25	0.6	0.1	1.4	<1.0	<1.0	19.4	0.0006	0.0084	CS1
2	BH207	20/05/2021	1011	12.4	0	0.1	1.5	<1.0	<1.0	19.6	0	0	CS1
3	BH207	26/05/2021	1010	12.4	0	0.1	0.7	<1.0	<1.0	20.2	0	0	CS1
4	BH207	01/07/2021	1013	12.8	0	0.1	5.6	<1.0	<1.0	15.2	0	0	CS1
5	BH207	04/08/2021	1008	12.78	0	0.1	1.8	<1.0	<1.0	18.7	0	0	CS1
6	BH207	10/08/2021	1007	12.59	0	0.1	0.4	<1.0	<1.0	16.8	0	0	CS1
1	BH208	20/05/2021	1011	11.8	0.1	0.1	0.4	<1.0	<1.0	17.1	0.0001	0.0004	CS1
2	BH208	27/05/2021	1015	11.92	0.1	0.1	1	<1.0	<1.0	17.8	0.0001	0.001	CS1
3	BH208	01/07/2021	1013	11.98	0.1	0.1	1.4	<1.0	<1.0	18.5	0.0001	0.0014	CS1
4	BH208	04/08/2021	1008	12.01	0.1	0.1	1.8	<1.0	<1.0	18.2	0.0001	0.0018	CS1
5	BH208	10/08/2021	1006	12	0	0.1	3.1	<1.0	<1.0	20.3	0	0	CS1
1	BH209	01/07/2021	1014	12.39	0.1	0.1	0.2	<1.0	1	20.4	0.0001	0.0002	CS1
2	BH209	04/08/2021	1008	12.45	0	0.1	0.1	<1.0	<1.0	19.3	0	0	CS1
3	BH209	10/08/2021	1007	12.47	0.3	0.1	0.3	<1.0	1	20.4	0.0003	0.0009	CS1
1	BH210	20/05/2021	1011	11.21	0	0.1	0.1	<1.0	2	19.1	0	0	CS1
2	BH210	27/05/2021	1016	10.82	0	0.2	0.1	<1.0	1	17.9	0	0	CS1
3	BH210	01/07/2021	1013	7.63	1.2	0.1	2.7	<1.0	<1.0	18.9	0.0012	0.0324	CS1
4	BH210	05/08/2021	1002	11	0	0.1	2.8	<1.0	<1.0	19.2	0	0	CS1
5	BH210	10/08/2021	1006	10.8	0	0.1	3.1	<1.0	<1.0	14.5	0	0	CS1
1	BH211A	12/05/2021	1003	6.93	0.1	0.1	0.1	<1.0	<1.0	20.3	0.0001	0.0001	CS1
2	BH211A	20/05/2021	1008	6.86	0.1	0.1	0.1	<1.0	<1.0	17.8	0.0001	0.0001	CS1
3	BH211A	27/05/2021	1016	6.9	0.1	0.1	0.1	<1.0	<1.0	12.7	0.0001	0.0001	CS1
4	BH211A	01/07/2021	1013	7.25	1.5	0.1	0.7	<1.0	1	21	0.0015	0.0105	CS1
5	BH211A	04/08/2021	1009	7.68	0	0.1	1.6	<1.0	<1.0	19.5	0	0	CS1
6	BH211A	10/08/2021	1006	7.73	0.1	0.2	3	<1.0	<1.0	17.8	0.0002	0.003	CS1
1	BH212	01/07/2021	1014	3.35	0.1	0.1	0.1	<1.0	<1.0	20.6	0.0001	0.0001	CS1
2	BH212	05/08/2021									0	0	NO DATA
1	BH213	12/05/2021	1003	Dry	0.1	0.1	1.6	<1.0	<1.0	14.4	0.0001	0.0016	CS1
2	BH213	20/05/2021	1008	Dry	0.1	0.1	0.1	<1.0	<1.0	20.7	0.0001	0.0001	CS1
3	BH213	27/05/2021	1018	Dry	0.1	0.1	0.2	<1.0	<1.0	20.6	0.0001	0.0002	CS1
4	BH213	01/07/2021	1014	3.1	1.1	0.1	2.1	<1.0	<1.0	18.3	0.0011	0.0231	CS1
5	BH213	04/08/2021	1010	3	0	0.1	1.8	<1.0	<1.0	16.7	0	0	CS1
6	BH213	10/08/2021	1007	2.99	0.1	0.4	1	<1.0	<1.0	17.6	0.0004	0.001	CS1
1	BH214A	12/05/2021	1004	3.25	0	0.1	0.5	<1.0	<1.0	20.2	0	0	CS1
2	BH214A	20/05/2021	1008	3.24	0	0.1	0.1	<1.0	<1.0	20.6	0	0	CS1
3	BH214A	01/06/2021	1016	3.31	0	0.1	0.1	<1.0	<1.0	20.5	0	0	CS1
4	BH214A	01/07/2021	1015	3.38	0	0.1	1	<1.0	<1.0	18.8	0	0	CS1
5	BH214A	05/08/2021									0	0	NO DATA
1	WS201B	11/05/2021	1003	0.78	0.1	0.1	0.1	<1.0	1	20.8	0.0001	0.0001	CS1
2	WS201B	20/05/2021	1012	0.81	0.1	0.2	0.4	<1.0	<1.0	19.9	0.0002	0.0004	CS1
3	WS201B	26/05/2021	1009	0.82	0	0.1	0.3	<1.0	<1.0	20.1	0	0	CS1
4	WS201B	01/07/2021	1013	Dry	0	0.1	1.1	<1.0	<1.0	19.3	0	0	CS1
5	WS201B	05/08/2021	1000	1.17	0.1	0.1	2.3	<1.0	<1.0	18.9	0.0001	0.0023	CS1
6	WS201B	10/08/2021	1007	0.79	0	0.1	2.2	<1.0	<1.0	17.9	0	0	CS1
1	WS207	11/05/2021	1001	0.53	0.1	0.1	0.4	<1.0	<1.0	20.4	0.0001	0.0004	CS1
2	WS207	20/05/2021	1011	0.64	0.1	0.1	0.9	<1.0	<1.0	20.6	0.0001	0.0009	CS1
3	WS207	26/05/2021	1011	0.6	0	0.1	0.4	<1.0	<1.0	20.6	0	0	CS1
4	WS207	01/07/2021	1013	1.22	1	0.1	1.4	<1.0	<1.0	19.4	0.001	0.014	CS1
5	WS207	04/08/2021	1008	0.51	0	0.1	1.2	<1.0	<1.0	20.8	0	0	CS1
6	WS207	10/08/2021	1007	0.27	0	0.1	1.8	<1.0	<1.0	20.8	0	0	CS1
1	WS208	20/05/2021	1006	1.3	0.1	0.1	0.1	0.1	<1.0	18.4	0.0001	0.0001	CS1
2	WS208	01/06/2021	1017	1.38	0.1	0.1	0.2	<1.0	1	18.4	0.0001	0.0002	CS1
3	WS208	05/08/2021									0	0	NO DATA
1	WS209	20/05/2021									0	0	NO DATA
2	WS209	01/06/2021	1016	Dry	0.1	0.2	0.4	<1.0	<1.0	20	0.0002	0.0004	CS1

3	WS209	05/08/2021									0	0	NO DATA
1	WS210	12/05/2021	1002	2.23	0	0.1	0.9	<1.0	<1.0	19.8	0	0	NO DATA
2	WS210	20/05/2021	1008	2.2	1.2	0.1	2.7	<1.0	<1.0	16.3	0.0012	0.0324	CS1
3	WS210	01/06/2021	1015	2.32	0.3	0.1	2.4	<1.0	<1.0	16.7	0.0003	0.0072	CS1
4	WS210	01/07/2021	1014	2.54	0	0.1	3.9	<1.0	<1.0	15.7	0	0	CS1
5	WS210	04/08/2021	1008	Dry	0.1	0.1	2.2	<1.0	<1.0	18	0.0001	0.0022	CS1
6	WS210	10/08/2021	1007	Dry	0	0.4	0.1	<1.0	<1.0	20.6	0	0	CS1
1	WS212	12/05/2021	1002	Dry	0	0.1	0.8	<1.0	<1.0	20.2	0	0	CS1
2	WS212	20/05/2021	1011	Dry	0	0.1	0.9	<1.0	<1.0	20.4	0	0	CS1
3	WS212	27/05/2021	1016	Dry	0	0.1	0.8	<1.0	<1.0	20.5	0	0	CS1
4	WS212	01/07/2021	1013	Dry	1.2	0.1	0.1	<1.0	<1.0	21.7	0.0012	0.0012	CS1
5	WS212	04/08/2021	1009	Dry	0	0.1	0.2	<1.0	<1.0	20.5	0	0	CS1
6	WS212	10/08/2021	1007	Dry	0	0.1	0.1	<1.0	<1.0	20.7	0	0	CS1

Appendix D - HazWaste Online assessment

ARUP

HazWasteOnline™

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

7BJTG-G5GFY-23761

Job name

Victoria North

Description/Comments

Project

Victoria North

Site

Classified by

Name:
Tom Hartley
Company:
Ove Arup
Date:
25 Oct 2021 12:11 GMT
Telephone:

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: CERTIFIED

Course	Date
Hazardous Waste Classification	18 Jun 2019

Next 3 year Refresher due by Jun 2022

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	01_BH101	0.8	Non Hazardous		5
2	01_BH101[2]	4.8	Non Hazardous		7
3	01_BH102	3.5	Non Hazardous		9
4	01_BH102[2]	0.3	Non Hazardous		11
5	01_BH103	0.3	Non Hazardous		13
6	01_BH103[2]	1	Hazardous	HP 3(i), HP 7, HP 11	15
7	01_BH103[3]	3.2	Non Hazardous		17
8	01_BH103[4]	4.8	Non Hazardous		19
9	01_BH104	0.7	Non Hazardous		21
10	01_BH104[2]	9.7	Non Hazardous		23
11	01_BH104[3]	4.7	Non Hazardous		25
12	01_BH105	3.3	Non Hazardous		27
13	01_BH105[2]	0.7	Non Hazardous		29
14	01_BH106	7.6	Non Hazardous		31
15	01_BH106[2]	0.3	Non Hazardous		33
16	01_BH106[3]	3.3	Non Hazardous		36
17	01_BH107	2	Non Hazardous		38
18	01_BH109	1.2	Non Hazardous		40
19	01_BH110	0.3	Non Hazardous		42
20	01_BH110[2]	3	Hazardous	HP 7	44
21	01_BH112	3.3	Non Hazardous		46
22	01_BH112[2]	0.3	Non Hazardous		48
23	01_TP101	0.3	Non Hazardous		50
24	01_TP102	1.2	Non Hazardous		52
25	01_TP102[2]	0.3	Non Hazardous		54
26	01_TP103	1	Non Hazardous		57
27	01_TP103[2]	1.8	Non Hazardous		59
28	01_TP104	0.3	Non Hazardous		61
29	01_TP105	0.3	Non Hazardous		63

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
30	01_TP105[2]	1.3	Non Hazardous		65
31	01_TP106	0.4	Non Hazardous		67
32	01_TP106[2]	2.8	Non Hazardous		69
33	01_TP107	1.2	Non Hazardous		71
34	01_TP108	0.3	Non Hazardous		73
35	01_TP109	0.3	Hazardous	HP 7	75
36	01_TP109[2]	1.3	Non Hazardous		77
37	01_TP109[3]	3.3	Non Hazardous		79
38	01_TP110	1.3	Non Hazardous		81
39	01_TP111	2.5	Non Hazardous		83
40	01_TP111[2]	0.3	Non Hazardous		85
41	01_TP112	0.3	Non Hazardous		87
42	01_TP112[2]	2.3	Non Hazardous		89
43	01_TP115	0.3	Non Hazardous		91
44	01_TP115[2]	1.3	Non Hazardous		93
45	01_TP115[3]	3.3	Non Hazardous		95
46	01_TP119	3	Non Hazardous		97
47	01_TP119[2]	0.2	Non Hazardous		99
48	01_TP120	0.3	Hazardous	HP 7	101
49	01_TP120[2]	1	Non Hazardous		103
50	01_TP121	0.3	Non Hazardous		105
51	01_TP121[2]	2.3	Non Hazardous		107
52	01_TP122	0.3	Non Hazardous		109
53	01_TP124	3.2	Non Hazardous		111
54	01_TP124[2]	0.3	Hazardous	HP 7, HP 10, HP 14	113
55	01_TP125	0.3	Non Hazardous		116
56	01_TP126	0.3	Non Hazardous		118
57	01_TP126[2]	2.2	Non Hazardous		120
58	01_TP127	0.3	Non Hazardous		122
59	01_WS101	0.3	Non Hazardous		124
60	01_WS102	1	Non Hazardous		126
61	01_WS103	1	Non Hazardous		129
62	01_WS104	1	Non Hazardous		131
63	01_WS105	0.3	Non Hazardous		133
64	01_WS106	1	Non Hazardous		135
65	GEO_BH201	0.3	Non Hazardous		137
66	GEO_BH202	1.2	Non Hazardous		139
67	GEO_BH202[2]	2.2	Non Hazardous		141
68	GEO_BH203	11.7	Hazardous	HP 14	143
69	GEO_BH203[2]	0.5	Non Hazardous		145
70	GEO_BH203[3]	1.2	Non Hazardous		147
71	GEO_BH203[4]	6.2	Non Hazardous		148
72	GEO_BH204	1.2	Non Hazardous		151
73	GEO_BH205	1.8	Non Hazardous		153
74	GEO_BH205[2]	2.8	Non Hazardous		155
75	GEO_BH206	3.2	Non Hazardous		157
76	GEO_BH206[2]	1.2	Non Hazardous		159
77	GEO_BH207	1.2	Non Hazardous		161
78	GEO_BH207[2]	2.2	Non Hazardous		163
79	GEO_BH207[3]	5.2	Non Hazardous		164
80	GEO_BH207[4]	10.2	Non Hazardous		166
81	GEO_BH207[5]	13.2	Non Hazardous		168
82	GEO_BH208	0.3	Non Hazardous		170
83	GEO_BH208[2]	4.2	Non Hazardous		172
84	GEO_BH208[3]	8.2	Non Hazardous		174
85	GEO_BH209	1.2	Non Hazardous		176
86	GEO_BH209[2]	2.5	Non Hazardous		178
87	GEO_BH210	4.2	Non Hazardous		180
88	GEO_BH210[2]	1.2	Non Hazardous		182
89	GEO_BH211A	2.2	Non Hazardous		184
90	GEO_BH211A[2]	5.2	Non Hazardous		186
91	GEO_BH211A[3]	9	Non Hazardous		188
92	GEO_BH211A[4]	10.5	Non Hazardous		190
93	GEO_BH212	0.4	Non Hazardous		192
94	GEO_BH212[2]	2.2	Non Hazardous		194
95	GEO_BH212A	0.6	Non Hazardous		196

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
96	GEO_BH213	1.2	Non Hazardous		198
97	GEO_BH214	1.1	Non Hazardous		200
98	GEO_BH214A	2.2	Non Hazardous		202
99	GEO_BH215	2.2	Non Hazardous		204
100	GEO_BH215[2]	1.1	Non Hazardous		206
101	GEO_TP201	2	Non Hazardous		208
102	GEO_TP201[2]	0.3	Non Hazardous		210
103	GEO_TP202	0.3	Non Hazardous		212
104	GEO_TP202C	0.3	Non Hazardous		214
105	GEO_TP203	1	Non Hazardous		216
106	GEO_TP203[2]	2	Non Hazardous		218
107	GEO_TP203[3]	4	Non Hazardous		220
108	GEO_TP204	1	Unknown. Chemistry data not provided.		222
109	GEO_TP204[2]	3	Non Hazardous		223
110	GEO_TP205	0.3	Unknown. Chemistry data not provided.		226
111	GEO_TP205[2]	1	Non Hazardous		227
112	GEO_TP205[3]	2	Non Hazardous		228
113	GEO_TP206	0.3	Non Hazardous		230
114	GEO_TP206A	2	Non Hazardous		232
115	GEO_TP207	1	Non Hazardous		234
116	GEO_TP208	2	Non Hazardous		236
117	GEO_TP208[2]	4	Non Hazardous		238
118	GEO_TP209	1	Non Hazardous		240
119	GEO_TP210	3	Non Hazardous		242
120	GEO_TP210[2]	0.3	Non Hazardous		244
121	GEO_TP210[3]	1	Non Hazardous		246
122	GEO_TP211	3.1	Non Hazardous		248
123	GEO_TP211[2]	0.3	Non Hazardous		250
124	GEO_TP211[3]	1	Non Hazardous		252
125	GEO_TP212	0.3	Non Hazardous		253
126	GEO_TP212[2]	1	Non Hazardous		254
127	GEO_TP212[3]	3	Non Hazardous		256
128	GEO_TP213	0.3	Non Hazardous		258
129	GEO_TP213[2]	2	Non Hazardous		260
130	GEO_TP213[3]	4	Non Hazardous		263
131	GEO_TP214	1	Non Hazardous		266
132	GEO_TP214[2]	3	Non Hazardous		268
133	GEO_TP215	2	Non Hazardous		270
134	GEO_TP216	1	Non Hazardous		272
135	GEO_TP216[2]	3	Non Hazardous		274
136	GEO_TP217	1	Non Hazardous		276
137	GEO_TP217[2]	3	Non Hazardous		278
138	GEO_TP218	2	Non Hazardous		280
139	GEO_TP219	3.7	Non Hazardous		282
140	GEO_TP219[2]	1	Non Hazardous		284
141	GEO_WS201	1	Non Hazardous		286
142	GEO_WS202	0.3	Non Hazardous		288
143	GEO_WS202[2]	0.5	Non Hazardous		289
144	GEO_WS202[3]	2	Non Hazardous		291
145	GEO_WS202[4]	5	Non Hazardous		293
146	GEO_WS204	1	Non Hazardous		295
147	GEO_WS204[2]	3	Non Hazardous		296
148	GEO_WS205	0.2	Non Hazardous		298
149	GEO_WS205[2]	2	Hazardous	HP 7	300
150	GEO_WS205[3]	3	Non Hazardous		302
151	GEO_WS206	1	Non Hazardous		303
152	GEO_WS206[2]	2	Non Hazardous		305
153	GEO_WS206[3]	4	Non Hazardous		306
154	GEO_WS207	1	Non Hazardous		308
155	GEO_WS207[2]	3	Non Hazardous		310
156	GEO_WS207[3]	5	Non Hazardous		312
157	GEO_WS208	2	Non Hazardous		314
158	GEO_WS209	0.3	Hazardous	HP 3(i), HP 7, HP 11	317
159	GEO_WS209[2]	2	Non Hazardous		320

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
160	GEO_WS209[3]	3	Non Hazardous		322
161	GEO_WS210	0.3	Non Hazardous		324
162	GEO_WS210[2]	0.7	Non Hazardous		325
163	GEO_WS211	4	Non Hazardous		327
164	GEO_WS211[2]	5	Non Hazardous		329
165	GEO_WS212	0.2	Non Hazardous		331
166	GEO_WS212[2]	0.6	Non Hazardous		333
167	GEO_WS212[3]	4	Non Hazardous		334
168	GEO_WS213A	1	Non Hazardous		336
169	GEO_WS213A[2]	2	Non Hazardous		338
170	GEO_WS214	2	Non Hazardous		340

Related documents

#	Name	Description
1	Victoria North	waste stream template used to create this Job

Report

Created by: Tom Hartley

Created date: 25 Oct 2021 12:11 GMT

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Classification of sample: 01_BH101

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH101
Sample Depth:
0.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.17 mg/kg		0.17 mg/kg	0.000017 %		
2		acenaphthylene		205-917-1	208-96-8		0.04 mg/kg		0.04 mg/kg	0.000004 %		
3		anthracene		204-371-1	120-12-7		2.2 mg/kg		2.2 mg/kg	0.00022 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5.2 mg/kg		5.2 mg/kg	0.00052 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.18 mg/kg		0.18 mg/kg	0.000018 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.49 mg/kg		0.49 mg/kg	0.000049 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.26 mg/kg		0.26 mg/kg	0.000026 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.62 mg/kg		0.62 mg/kg	0.000062 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.2 mg/kg		0.2 mg/kg	0.00002 %		
12		boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.9 mg/kg		0.9 mg/kg	0.00009 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		5.7 mg/kg	1.462	8.331 mg/kg	0.000833 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.72	mg/kg		0.72	mg/kg	0.000072 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		50	mg/kg	1.252	62.589	mg/kg	0.00626 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		3.3	mg/kg		3.3	mg/kg	0.00033 %		
21		fluorene		201-695-5	86-73-7		0.13	mg/kg		0.13	mg/kg	0.000013 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.14	mg/kg		0.14	mg/kg	0.000014 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	38	mg/kg		38	mg/kg	0.0038 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.16	mg/kg		0.16	mg/kg	0.000016 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.17	mg/kg		0.17	mg/kg	0.000017 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	7.9	mg/kg		7.9	mg/kg	0.00079 %		
27		phenanthrene		201-581-5	85-01-8		0.72	mg/kg		0.72	mg/kg	0.000072 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		2.5	mg/kg		2.5	mg/kg	0.00025 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		12	mg/kg	1.785	21.422	mg/kg	0.00214 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		46	mg/kg	1.245	57.257	mg/kg	0.00573 %		
											Total:	0.0219 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH101[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH101[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
4.8 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.5 mg/kg		9.5 mg/kg	0.00095 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		28 mg/kg	1.252	35.05 mg/kg	0.0035 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	53	mg/kg		53	mg/kg	0.0053 %		
		082-001-00-6											
23		mercury { mercury }				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	25	mg/kg		25	mg/kg	0.0025 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
28		pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				61	mg/kg	1.245	75.928	mg/kg	0.00759 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0282 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH102

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH102	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.11 mg/kg		0.11 mg/kg	0.000011 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.08 mg/kg		0.08 mg/kg	0.000008 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.3 mg/kg		9.3 mg/kg	0.00093 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.07 mg/kg		0.07 mg/kg	0.000007 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.04 mg/kg		0.04 mg/kg	0.000004 %		
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		0.08 mg/kg		0.08 mg/kg	0.000008 %		
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		27 mg/kg	1.252	33.798 mg/kg	0.00338 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		0.17	mg/kg		0.17	mg/kg	0.000017 %		
20		fluorene		201-695-5	86-73-7		0.13	mg/kg		0.13	mg/kg	0.000013 %		
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	91	mg/kg		91	mg/kg	0.0091 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.17	mg/kg		0.17	mg/kg	0.000017 %		
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	19	mg/kg		19	mg/kg	0.0019 %		
26		phenanthrene		201-581-5	85-01-8		0.28	mg/kg		0.28	mg/kg	0.000028 %		
27		monohydric phenols			P1186		0.9	mg/kg		0.9	mg/kg	0.00009 %		
28		pyrene		204-927-3	129-00-0		0.19	mg/kg		0.19	mg/kg	0.000019 %		
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		22	mg/kg	1.785	39.274	mg/kg	0.00393 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		88	mg/kg	1.245	109.535	mg/kg	0.011 %		
											Total:	0.0333 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH102[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH102[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.65 mg/kg		0.65 mg/kg	0.000065 %		
2	acenaphthylene		205-917-1	208-96-8		0.06 mg/kg		0.06 mg/kg	0.000006 %		
3	anthracene		204-371-1	120-12-7		0.96 mg/kg		0.96 mg/kg	0.000096 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	7.6 mg/kg		7.6 mg/kg	0.00076 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		16 mg/kg		16 mg/kg	0.0016 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.94 mg/kg		0.94 mg/kg	0.000094 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		2.1 mg/kg		2.1 mg/kg	0.00021 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2.4 mg/kg		2.4 mg/kg	0.00024 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		3.4 mg/kg		3.4 mg/kg	0.00034 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.1 mg/kg		1.1 mg/kg	0.00011 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1 mg/kg		1 mg/kg	0.0001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		2	mg/kg		2	mg/kg	0.0002 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		140	mg/kg	1.252	175.249	mg/kg	0.0175 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.11	mg/kg		0.11	mg/kg	0.000011 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		6.4	mg/kg		6.4	mg/kg	0.00064 %		
21		fluorene		201-695-5	86-73-7		0.43	mg/kg		0.43	mg/kg	0.000043 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.78	mg/kg		0.78	mg/kg	0.000078 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	530	mg/kg		530	mg/kg	0.053 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.44	mg/kg		0.44	mg/kg	0.000044 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.22	mg/kg		0.22	mg/kg	0.000022 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	26	mg/kg		26	mg/kg	0.0026 %		
27		phenanthrene		201-581-5	85-01-8		2.3	mg/kg		2.3	mg/kg	0.00023 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		5.6	mg/kg		5.6	mg/kg	0.00056 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		36	mg/kg	1.785	64.267	mg/kg	0.00643 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		500	mg/kg	1.245	622.357	mg/kg	0.0622 %		
											Total:	0.151 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH103

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH103
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.3 mg/kg		0.3 mg/kg	0.00003 %		
2	acenaphthylene		205-917-1	208-96-8		0.05 mg/kg		0.05 mg/kg	0.000005 %		
3	anthracene		204-371-1	120-12-7		0.44 mg/kg		0.44 mg/kg	0.000044 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5 mg/kg		5 mg/kg	0.0005 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.5 mg/kg		9.5 mg/kg	0.00095 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.12 mg/kg		0.12 mg/kg	0.000012 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.29 mg/kg		0.29 mg/kg	0.000029 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.2 mg/kg		0.2 mg/kg	0.00002 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.41 mg/kg		0.41 mg/kg	0.000041 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		2.3 mg/kg	5.719	13.154 mg/kg	0.00132 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.35	mg/kg		0.35	mg/kg	0.000035 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		100	mg/kg	1.252	125.178	mg/kg	0.0125 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.03	mg/kg		0.03	mg/kg	0.000003 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		1.1	mg/kg		1.1	mg/kg	0.00011 %		
21		fluorene		201-695-5	86-73-7		0.52	mg/kg		0.52	mg/kg	0.000052 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.09	mg/kg		0.09	mg/kg	0.000009 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	230	mg/kg		230	mg/kg	0.023 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.29	mg/kg		0.29	mg/kg	0.000029 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.62	mg/kg		0.62	mg/kg	0.000062 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	17	mg/kg		17	mg/kg	0.0017 %		
27		phenanthrene		201-581-5	85-01-8		1.4	mg/kg		1.4	mg/kg	0.00014 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		1	mg/kg		1	mg/kg	0.0001 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		21	mg/kg	1.785	37.489	mg/kg	0.00375 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		300	mg/kg	1.245	373.414	mg/kg	0.0373 %		
											Total:	0.0849 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH103[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH103[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.17%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.17%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.17%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	1	4.8 mg/kg		4.8 mg/kg	0.00048 %		
		051-003-00-9							
2		arsenic { arsenic }		11 mg/kg		11 mg/kg	0.0011 %		
		033-001-00-X / 231-148-6 / 7440-38-2							
3		benzene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
		601-020-00-8 / 200-753-7 / 71-43-2							
4		beryllium { beryllium }		0.5 mg/kg		0.5 mg/kg	0.00005 %		
		004-001-00-7 / 231-150-7 / 7440-41-7							
5		boron { boric acid; [1] boric acid [2] }		1.4 mg/kg	5.719	8.007 mg/kg	0.000801 %		
		005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]							

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
6		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.8	mg/kg		0.8	mg/kg	0.00008 %		
7		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19	mg/kg	1.462	27.77	mg/kg	0.00278 %		
8		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		140	mg/kg	1.252	175.249	mg/kg	0.0175 %		
9		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
10		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
11		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	210	mg/kg		210	mg/kg	0.021 %		
12		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.26	mg/kg		0.26	mg/kg	0.000026 %		
13		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	20	mg/kg		20	mg/kg	0.002 %		
14		monohydric phenols			P1186		0.4	mg/kg		0.4	mg/kg	0.00004 %		
15		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		TPH (C6 to C40) petroleum group			TPH		1700	mg/kg		1700	mg/kg	0.17 %		
18		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		24	mg/kg	1.785	42.844	mg/kg	0.00428 %		
19		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		250	mg/kg	1.245	311.178	mg/kg	0.0311 %		
											Total:	0.251 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH103[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH103[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.05 mg/kg		0.05 mg/kg	0.000005 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.1 mg/kg		6.1 mg/kg	0.00061 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.06 mg/kg		0.06 mg/kg	0.000006 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.04 mg/kg		0.04 mg/kg	0.000004 %		
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		0.06 mg/kg		0.06 mg/kg	0.000006 %		
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		46 mg/kg	1.252	57.582 mg/kg	0.00576 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		0.17	mg/kg		0.17	mg/kg	0.000017 %		
20		fluorene		201-695-5	86-73-7		0.04	mg/kg		0.04	mg/kg	0.000004 %		
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	28	mg/kg		28	mg/kg	0.0028 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		naphthalene	601-052-00-2	202-049-5	91-20-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	22	mg/kg		22	mg/kg	0.0022 %		
26		phenanthrene		201-581-5	85-01-8		0.2	mg/kg		0.2	mg/kg	0.00002 %		
27		monohydric phenols			P1186		0.4	mg/kg		0.4	mg/kg	0.00004 %		
28		pyrene		204-927-3	129-00-0		0.16	mg/kg		0.16	mg/kg	0.000016 %		
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		22	mg/kg	1.785	39.274	mg/kg	0.00393 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		99	mg/kg	1.245	123.227	mg/kg	0.0123 %		
											Total:	0.0315 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH103[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH103[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
4.8 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.3 mg/kg	5.719	7.435 mg/kg	0.000743 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		9.1 mg/kg	1.252	11.391 mg/kg	0.00114 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	13	mg/kg		13	mg/kg	0.0013 %		
		082-001-00-6											
23		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	29	mg/kg		29	mg/kg	0.0029 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
27		monohydric phenols				0.4	mg/kg		0.4	mg/kg	0.00004 %		
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	49.985	mg/kg	0.005 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				69	mg/kg	1.245	85.885	mg/kg	0.00859 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0248 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH104

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH104	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.7 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5.9 mg/kg		5.9 mg/kg	0.00059 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		23 mg/kg		23 mg/kg	0.0023 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.05 mg/kg		0.05 mg/kg	0.000005 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.8 mg/kg		2.8 mg/kg	0.00028 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.4 mg/kg	5.719	8.007 mg/kg	0.000801 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		0.07 mg/kg		0.07 mg/kg	0.000007 %		
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		300 mg/kg	1.252	375.533 mg/kg	0.0376 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		0.11	mg/kg		0.11	mg/kg	0.000011 %		
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	180	mg/kg		180	mg/kg	0.018 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.45	mg/kg		0.45	mg/kg	0.000045 %		
24		naphthalene	601-052-00-2	202-049-5	91-20-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	48	mg/kg		48	mg/kg	0.0048 %		
26		phenanthrene		201-581-5	85-01-8		0.09	mg/kg		0.09	mg/kg	0.000009 %		
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
28		pyrene		204-927-3	129-00-0		0.12	mg/kg		0.12	mg/kg	0.000012 %		
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		66	mg/kg	1.785	117.822	mg/kg	0.0118 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		150	mg/kg	1.245	186.707	mg/kg	0.0187 %		
											Total:	0.0974 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH104[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH104[2]
Sample Depth:
9.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.06 mg/kg		0.06 mg/kg	0.000006 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.1 mg/kg		0.1 mg/kg	0.00001 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.8 mg/kg		1.8 mg/kg	0.00018 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19 mg/kg		19 mg/kg	0.0019 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.11 mg/kg		0.11 mg/kg	0.000011 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.24 mg/kg		0.24 mg/kg	0.000024 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.21 mg/kg		0.21 mg/kg	0.000021 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.34 mg/kg		0.34 mg/kg	0.000034 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.1 mg/kg		2.1 mg/kg	0.00021 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.3 mg/kg	5.719	7.435 mg/kg	0.000743 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.25	mg/kg		0.25	mg/kg	0.000025 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		100	mg/kg	1.252	125.178	mg/kg	0.0125 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				2.4	mg/kg	1.884	4.522	mg/kg	0.000452 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		0.57	mg/kg		0.57	mg/kg	0.000057 %		
21		fluorene		201-695-5	86-73-7		0.06	mg/kg		0.06	mg/kg	0.000006 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.09	mg/kg		0.09	mg/kg	0.000009 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	75	mg/kg		75	mg/kg	0.0075 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.38	mg/kg		0.38	mg/kg	0.000038 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	53	mg/kg		53	mg/kg	0.0053 %		
27		phenanthrene		201-581-5	85-01-8		0.56	mg/kg		0.56	mg/kg	0.000056 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
29		pyrene		204-927-3	129-00-0		0.64	mg/kg		0.64	mg/kg	0.000064 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		0.7	mg/kg		0.7	mg/kg	0.00007 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		34	mg/kg	1.785	60.696	mg/kg	0.00607 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		120	mg/kg	1.245	149.366	mg/kg	0.0149 %		
											Total:	0.0535 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH104[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH104[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
4.7 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number / EC Number / CAS Number							
1	acenaphthene 201-469-6 / 83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene 205-917-1 / 208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene 204-371-1 / 120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex } 051-003-00-9	1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5	arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		8.2 mg/kg		8.2 mg/kg	0.00082 %		
6	benzene 601-020-00-8 / 200-753-7 / 71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene 205-883-8 / 191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene 601-033-00-9 / 200-280-6 / 56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 / 200-028-5 / 50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium } 004-001-00-7 / 231-150-7 / 7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
11	boron { boric acid; [1] boric acid [2] } 005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex 048-001-00-5	1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) } 215-160-9 / 1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
14	chrysene 601-048-00-0 / 205-923-4 / 218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide } 029-016-00-6 / 215-269-1 / 1317-38-0		33 mg/kg	1.252	41.309 mg/kg	0.00413 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		0.04	mg/kg		0.04	mg/kg	0.000004 %		
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	42	mg/kg		42	mg/kg	0.0042 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	24	mg/kg		24	mg/kg	0.0024 %		
26		phenanthrene		201-581-5	85-01-8		0.06	mg/kg		0.06	mg/kg	0.000006 %		
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
28		pyrene		204-927-3	129-00-0		0.04	mg/kg		0.04	mg/kg	0.000004 %		
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		79	mg/kg	1.245	98.332	mg/kg	0.00983 %		
											Total:	0.0298 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH105

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH105	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number / EC Number / CAS Number							
1	acenaphthene 201-469-6 / 83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene 205-917-1 / 208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene 204-371-1 / 120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex } 051-003-00-9	1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
5	arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		10 mg/kg		10 mg/kg	0.001 %		
6	benzene 601-020-00-8 / 200-753-7 / 71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene 205-883-8 / 191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene 601-033-00-9 / 200-280-6 / 56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 / 200-028-5 / 50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium } 004-001-00-7 / 231-150-7 / 7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
11	boron { boric acid; [1] boric acid [2] } 005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex 048-001-00-5	1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
13	chromium { chromium(III) oxide (worst case) } 215-160-9 / 1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
14	chrysene 601-048-00-0 / 205-923-4 / 218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide } 029-016-00-6 / 215-269-1 / 1317-38-0		18 mg/kg	1.252	22.532 mg/kg	0.00225 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	12	mg/kg		12	mg/kg	0.0012 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	18	mg/kg		18	mg/kg	0.0018 %		
26		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		54	mg/kg	1.245	67.215	mg/kg	0.00672 %		
											Total:	0.021 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH105[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH105[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.7 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.5 mg/kg		1.5 mg/kg	0.00015 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.05 mg/kg		0.05 mg/kg	0.000005 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		31 mg/kg	1.252	38.805 mg/kg	0.00388 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	26	mg/kg		26	mg/kg	0.0026 %		
		082-001-00-6											
23		mercury { mercury }				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	27	mg/kg		27	mg/kg	0.0027 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
28		pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				97	mg/kg	1.245	120.737	mg/kg	0.0121 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0316 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH106

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH106	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
7.6 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		2.3 mg/kg	5.719	13.154 mg/kg	0.00132 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		26 mg/kg	1.252	32.546 mg/kg	0.00325 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				1.1	mg/kg	1.884	2.072	mg/kg	0.000207 %		
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	45	mg/kg		45	mg/kg	0.0045 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.11	mg/kg		0.11	mg/kg	0.000011 %		
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	12	mg/kg		12	mg/kg	0.0012 %		
26		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		50	mg/kg	1.245	62.236	mg/kg	0.00622 %		
											Total:	0.0238 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH106[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH106[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.06 mg/kg		0.06 mg/kg	0.000006 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	21 mg/kg		21 mg/kg	0.0021 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		40 mg/kg		40 mg/kg	0.004 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.16 mg/kg		0.16 mg/kg	0.000016 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.28 mg/kg		0.28 mg/kg	0.000028 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.25 mg/kg		0.25 mg/kg	0.000025 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.58 mg/kg		0.58 mg/kg	0.000058 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1 mg/kg		1 mg/kg	0.0001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.35	mg/kg		0.35	mg/kg	0.000035 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		210	mg/kg	1.252	262.873	mg/kg	0.0263 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.03	mg/kg		0.03	mg/kg	0.000003 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.54	mg/kg		0.54	mg/kg	0.000054 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.13	mg/kg		0.13	mg/kg	0.000013 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	370	mg/kg		370	mg/kg	0.037 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.38	mg/kg		0.38	mg/kg	0.000038 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	38	mg/kg		38	mg/kg	0.0038 %		
27		phenanthrene		201-581-5	85-01-8		0.21	mg/kg		0.21	mg/kg	0.000021 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.54	mg/kg		0.54	mg/kg	0.000054 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		1	mg/kg		1	mg/kg	0.0001 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		48	mg/kg		48	mg/kg	0.0048 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		52	mg/kg	1.785	92.83	mg/kg	0.00928 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		340	mg/kg	1.245	423.203	mg/kg	0.0423 %		
											Total:	0.134 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0048%)

Classification of sample: 01_BH106[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH106[3]
Sample Depth:
3.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.08 mg/kg		0.08 mg/kg	0.000008 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	7.8 mg/kg		7.8 mg/kg	0.00078 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		28 mg/kg		28 mg/kg	0.0028 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.05 mg/kg		0.05 mg/kg	0.000005 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.16 mg/kg		0.16 mg/kg	0.000016 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.11 mg/kg		0.11 mg/kg	0.000011 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.21 mg/kg		0.21 mg/kg	0.000021 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.6 mg/kg	0.00016 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.3 mg/kg	5.719	7.435 mg/kg	0.000743 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5 mg/kg		0.5 mg/kg	0.00005 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	39.462 mg/kg	0.00395 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				180	mg/kg	1.252	225.32	mg/kg	0.0225 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	210	mg/kg		210	mg/kg	0.021 %		
		082-001-00-6											
24		mercury { mercury }				0.37	mg/kg		0.37	mg/kg	0.000037 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	34	mg/kg		34	mg/kg	0.0034 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				46	mg/kg	1.785	82.119	mg/kg	0.00821 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				160	mg/kg	1.245	199.154	mg/kg	0.0199 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0839 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH107

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH107
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9 mg/kg		9 mg/kg	0.0009 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		25 mg/kg	1.252	31.294 mg/kg	0.00313 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	18	mg/kg		18	mg/kg	0.0018 %		
		082-001-00-6											
23		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	28	mg/kg		28	mg/kg	0.0028 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				30	mg/kg	1.785	53.556	mg/kg	0.00536 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				57	mg/kg	1.245	70.949	mg/kg	0.00709 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0256 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH109

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH109
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.16 mg/kg		0.16 mg/kg	0.000016 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.23 mg/kg		0.23 mg/kg	0.000023 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.7 mg/kg		6.7 mg/kg	0.00067 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.13 mg/kg		0.13 mg/kg	0.000013 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.3 mg/kg		0.3 mg/kg	0.00003 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.24 mg/kg		0.24 mg/kg	0.000024 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.42 mg/kg		0.42 mg/kg	0.000042 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.5 mg/kg	5.719	8.579 mg/kg	0.000858 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5 mg/kg		0.5 mg/kg	0.00005 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				19	mg/kg	1.252	23.784	mg/kg	0.00238 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.94	mg/kg		0.94	mg/kg	0.000094 %		
			205-912-4	206-44-0									
21		fluorene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	77	mg/kg		77	mg/kg	0.0077 %		
		082-001-00-6											
24		mercury { mercury }				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	11	mg/kg		11	mg/kg	0.0011 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1	mg/kg		1	mg/kg	0.0001 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				0.92	mg/kg		0.92	mg/kg	0.000092 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				21	mg/kg	1.785	37.489	mg/kg	0.00375 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				74	mg/kg	1.245	92.109	mg/kg	0.00921 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.029 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH110

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH110
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.48 mg/kg		0.48 mg/kg	0.000048 %		
2	acenaphthylene		205-917-1	208-96-8		0.24 mg/kg		0.24 mg/kg	0.000024 %		
3	anthracene		204-371-1	120-12-7		1.1 mg/kg		1.1 mg/kg	0.00011 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.1 mg/kg		2.1 mg/kg	0.00021 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.2 mg/kg		6.2 mg/kg	0.00062 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		2.7 mg/kg		2.7 mg/kg	0.00027 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		2.8 mg/kg		2.8 mg/kg	0.00028 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		3.9 mg/kg		3.9 mg/kg	0.00039 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		6 mg/kg		6 mg/kg	0.0006 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				3	mg/kg		3	mg/kg	0.0003 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				46	mg/kg	1.252	57.582	mg/kg	0.00576 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				6.7	mg/kg		6.7	mg/kg	0.00067 %		
			205-912-4	206-44-0									
21		fluorene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	37	mg/kg		37	mg/kg	0.0037 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	25	mg/kg		25	mg/kg	0.0025 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				3.1	mg/kg		3.1	mg/kg	0.00031 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				6.1	mg/kg		6.1	mg/kg	0.00061 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				38	mg/kg	1.785	67.837	mg/kg	0.00678 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				91	mg/kg	1.245	113.269	mg/kg	0.0113 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0389 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH110[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:
01_BH110[2]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.19%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.48 mg/kg		0.48 mg/kg	0.000048 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.37 mg/kg		0.37 mg/kg	0.000037 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.1 mg/kg		7.1 mg/kg	0.00071 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.18 mg/kg		0.18 mg/kg	0.000018 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.42 mg/kg		0.42 mg/kg	0.000042 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.36 mg/kg		0.36 mg/kg	0.000036 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.66 mg/kg		0.66 mg/kg	0.000066 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS),				1	0.2 mg/kg		0.2 mg/kg	0.00002 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5											
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13	mg/kg	1.462	19	mg/kg	0.0019 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.47	mg/kg		0.47	mg/kg	0.000047 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		22	mg/kg	1.252	27.539	mg/kg	0.00275 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		**<LOD**
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
20		fluoranthene		205-912-4	206-44-0		1.5	mg/kg		1.5	mg/kg	0.00015 %		
21		fluorene		201-695-5	86-73-7		0.28	mg/kg		0.28	mg/kg	0.000028 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.15	mg/kg		0.15	mg/kg	0.000015 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	1900	mg/kg		1900	mg/kg	0.19 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.1	mg/kg		0.1	mg/kg	0.00001 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.43	mg/kg		0.43	mg/kg	0.000043 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	11	mg/kg		11	mg/kg	0.0011 %		
27		phenanthrene		201-581-5	85-01-8		1.6	mg/kg		1.6	mg/kg	0.00016 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		**<LOD**
29		pyrene		204-927-3	129-00-0		1.2	mg/kg		1.2	mg/kg	0.00012 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		74	mg/kg	1.245	92.109	mg/kg	0.00921 %		
											Total:	0.211 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH112

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH112
Sample Depth:
3.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.5 mg/kg		4.5 mg/kg	0.00045 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		8.9 mg/kg	1.252	11.141 mg/kg	0.00111 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	66	mg/kg		66	mg/kg	0.0066 %		
		082-001-00-6											
23		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	12	mg/kg		12	mg/kg	0.0012 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				36	mg/kg	1.245	44.81	mg/kg	0.00448 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0195 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH112[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH112[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04	mg/kg		0.04	mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.1	mg/kg		0.1	mg/kg	0.00001 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5.1	mg/kg		5.1	mg/kg	0.00051 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.5	mg/kg		8.5	mg/kg	0.00085 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.3	mg/kg		0.3	mg/kg	0.00003 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.35	mg/kg		0.35	mg/kg	0.000035 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.44	mg/kg		0.44	mg/kg	0.000044 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.71	mg/kg		0.71	mg/kg	0.000071 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4	mg/kg		0.4	mg/kg	0.00004 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1	mg/kg	5.719	6.291	mg/kg	0.000629 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3	mg/kg		0.3	mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15	mg/kg	1.462	21.923	mg/kg	0.00219 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.41	mg/kg		0.41	mg/kg	0.000041 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				40	mg/kg	1.252	50.071	mg/kg	0.00501 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.89	mg/kg		0.89	mg/kg	0.000089 %		
			205-912-4	206-44-0									
21		fluorene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	300	mg/kg		300	mg/kg	0.03 %		
		082-001-00-6											
24		mercury { mercury }				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	12	mg/kg		12	mg/kg	0.0012 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.41	mg/kg		0.41	mg/kg	0.000041 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				0.89	mg/kg		0.89	mg/kg	0.000089 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				22	mg/kg	1.785	39.274	mg/kg	0.00393 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				95	mg/kg	1.245	118.248	mg/kg	0.0118 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0568 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP101

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP101
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		0.04 mg/kg		0.04 mg/kg	0.000004 %		
3	anthracene		204-371-1	120-12-7		0.2 mg/kg		0.2 mg/kg	0.00002 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.8 mg/kg		6.8 mg/kg	0.00068 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.06 mg/kg		0.06 mg/kg	0.000006 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.1 mg/kg		0.1 mg/kg	0.00001 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.08 mg/kg		0.08 mg/kg	0.000008 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.18 mg/kg		0.18 mg/kg	0.000018 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				71	mg/kg	1.252	88.876	mg/kg	0.00889 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	26	mg/kg		26	mg/kg	0.0026 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	22	mg/kg		22	mg/kg	0.0022 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.4	mg/kg		0.4	mg/kg	0.00004 %		
				P1186									
29		pyrene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				31	mg/kg	1.785	55.341	mg/kg	0.00553 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				95	mg/kg	1.245	118.248	mg/kg	0.0118 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0359 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP102

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP102
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		10 mg/kg		10 mg/kg	0.001 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	42.385 mg/kg	0.00424 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		46 mg/kg	1.252	57.582 mg/kg	0.00576 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	17	mg/kg		17	mg/kg	0.0017 %		
		082-001-00-6											
23		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	30	mg/kg		30	mg/kg	0.003 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				31	mg/kg	1.785	55.341	mg/kg	0.00553 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				89	mg/kg	1.245	110.78	mg/kg	0.0111 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0331 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP102[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP102[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		0.05 mg/kg		0.05 mg/kg	0.000005 %		
3	anthracene		204-371-1	120-12-7		0.22 mg/kg		0.22 mg/kg	0.000022 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.1 mg/kg		6.1 mg/kg	0.00061 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.05 mg/kg		0.05 mg/kg	0.000005 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.15 mg/kg		0.15 mg/kg	0.000015 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.1 mg/kg		0.1 mg/kg	0.00001 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.26 mg/kg		0.26 mg/kg	0.000026 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.2 mg/kg		0.2 mg/kg	0.00002 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				21	mg/kg	1.252	26.287	mg/kg	0.00263 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	17	mg/kg		17	mg/kg	0.0017 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	10	mg/kg		10	mg/kg	0.001 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.5	mg/kg		0.5	mg/kg	0.00005 %		
				P1186									
29		pyrene				0.45	mg/kg		0.45	mg/kg	0.000045 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				79	mg/kg		79	mg/kg	0.0079 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				15	mg/kg	1.785	26.778	mg/kg	0.00268 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				59	mg/kg	1.245	73.438	mg/kg	0.00734 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0268 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0079%)

Classification of sample: 01_TP103

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP103	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.1 mg/kg		4.1 mg/kg	0.00041 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.7 mg/kg	1.462	12.716 mg/kg	0.00127 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		35 mg/kg	1.252	43.812 mg/kg	0.00438 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		0.05	mg/kg		0.05	mg/kg	0.000005 %		
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	20	mg/kg		20	mg/kg	0.002 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.07	mg/kg		0.07	mg/kg	0.000007 %		
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	12	mg/kg		12	mg/kg	0.0012 %		
26		phenanthrene		201-581-5	85-01-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
27		monohydric phenols			P1186		0.4	mg/kg		0.4	mg/kg	0.00004 %		
28		pyrene		204-927-3	129-00-0		0.04	mg/kg		0.04	mg/kg	0.000004 %		
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		14	mg/kg	1.785	24.993	mg/kg	0.0025 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		67	mg/kg	1.245	83.396	mg/kg	0.00834 %		
											Total:	0.0208 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP103[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP103[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.8 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.1 mg/kg		8.1 mg/kg	0.00081 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		27 mg/kg	1.252	33.798 mg/kg	0.00338 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	13	mg/kg		13	mg/kg	0.0013 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	29	mg/kg		29	mg/kg	0.0029 %		
26		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		65	mg/kg	1.245	80.906	mg/kg	0.00809 %		
											Total:	0.0252 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP104

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP104	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.8 mg/kg		3.8 mg/kg	0.00038 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		23 mg/kg		23 mg/kg	0.0023 %		
3	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
4	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
5	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7 mg/kg		0.7 mg/kg	0.00007 %		
7	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		48 mg/kg	1.462	70.155 mg/kg	0.00702 %		
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		150 mg/kg	1.252	187.766 mg/kg	0.0188 %		
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2 mg/kg	1.884	0.377 mg/kg	0.0000377 %		
10	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	210 mg/kg		210 mg/kg	0.021 %		
12	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.34 mg/kg		0.34 mg/kg	0.000034 %		
13	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		nickel { nickel }			7	32	mg/kg		32	mg/kg	0.0032 %		
		028-002-00-7	231-111-4	7440-02-0									
15		monohydric phenols				0.8	mg/kg		0.8	mg/kg	0.00008 %		
				P1186									
16		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
17		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		vanadium { divanadium pentaoxide; vanadium pentoxide }				160	mg/kg	1.785	285.63	mg/kg	0.0286 %		
		023-001-00-8	215-239-8	1314-62-1									
19		zinc { zinc oxide }				180	mg/kg	1.245	224.049	mg/kg	0.0224 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.104 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP105

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP105
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.2 mg/kg		2.2 mg/kg	0.00022 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19 mg/kg		19 mg/kg	0.0019 %		
3	benzene	601-020-00-8	200-753-7	71-43-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
4	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
5	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5 mg/kg		0.5 mg/kg	0.00005 %		
7	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		94 mg/kg	1.252	117.667 mg/kg	0.0118 %		
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				8.1 mg/kg	1.884	15.26 mg/kg	0.00153 %		
10	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	240 mg/kg		240 mg/kg	0.024 %		
12	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.9 mg/kg		0.9 mg/kg	0.00009 %		
13	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		nickel { nickel }			7	27	mg/kg		27	mg/kg	0.0027 %		
		028-002-00-7	231-111-4	7440-02-0									
15		monohydric phenols				0.7	mg/kg		0.7	mg/kg	0.00007 %		
				P1186									
16		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
17		toluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
19		zinc { zinc oxide }				170	mg/kg	1.245	211.601	mg/kg	0.0212 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0731 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP105[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP105[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		0.7 mg/kg		0.7 mg/kg	0.00007 %		
3	anthracene		204-371-1	120-12-7		0.51 mg/kg		0.51 mg/kg	0.000051 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		2.3 mg/kg		2.3 mg/kg	0.00023 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.2 mg/kg		0.2 mg/kg	0.00002 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.24 mg/kg		0.24 mg/kg	0.000024 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.74 mg/kg		0.74 mg/kg	0.000074 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.22	mg/kg		0.22	mg/kg	0.000022 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		39	mg/kg	1.252	48.819	mg/kg	0.00488 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				5.1	mg/kg	1.884	9.608	mg/kg	0.000961 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.07	mg/kg		0.07	mg/kg	0.000007 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.2	mg/kg		0.2	mg/kg	0.00002 %		
21		fluorene		201-695-5	86-73-7		0.1	mg/kg		0.1	mg/kg	0.00001 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.52	mg/kg		0.52	mg/kg	0.000052 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	110	mg/kg		110	mg/kg	0.011 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.32	mg/kg		0.32	mg/kg	0.000032 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	20	mg/kg		20	mg/kg	0.002 %		
27		phenanthrene		201-581-5	85-01-8		0.14	mg/kg		0.14	mg/kg	0.000014 %		
28		monohydric phenols			P1186		0.4	mg/kg		0.4	mg/kg	0.00004 %		
29		pyrene		204-927-3	129-00-0		0.51	mg/kg		0.51	mg/kg	0.000051 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		21	mg/kg	1.785	37.489	mg/kg	0.00375 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		88	mg/kg	1.245	109.535	mg/kg	0.011 %		
											Total:	0.0392 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP106

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP106	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.4 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.04	mg/kg		0.04	mg/kg	0.000004 %		
2		acenaphthylene		205-917-1	208-96-8		0.14	mg/kg		0.14	mg/kg	0.000014 %		
3		anthracene		204-371-1	120-12-7		0.18	mg/kg		0.18	mg/kg	0.000018 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.3	mg/kg		2.3	mg/kg	0.00023 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21	mg/kg		21	mg/kg	0.0021 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		1	mg/kg		1	mg/kg	0.0001 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.8	mg/kg		0.8	mg/kg	0.00008 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.99	mg/kg		0.99	mg/kg	0.000099 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1.4	mg/kg		1.4	mg/kg	0.00014 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.1	mg/kg		2.1	mg/kg	0.00021 %		
12		boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<0.2	mg/kg	5.719	<1.144	mg/kg	<0.000114 %		**<LOD**
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2	mg/kg		0.2	mg/kg	0.00002 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		38	mg/kg	1.462	55.539	mg/kg	0.00555 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		1.1	mg/kg		1.1	mg/kg	0.00011 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		130	mg/kg	1.252	162.731	mg/kg	0.0163 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.15	mg/kg		0.15	mg/kg	0.000015 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.96	mg/kg		0.96	mg/kg	0.000096 %		
21		fluorene		201-695-5	86-73-7		0.04	mg/kg		0.04	mg/kg	0.000004 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.55	mg/kg		0.55	mg/kg	0.000055 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	40	mg/kg		40	mg/kg	0.004 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.07	mg/kg		0.07	mg/kg	0.000007 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	50	mg/kg		50	mg/kg	0.005 %		
27		phenanthrene		201-581-5	85-01-8		0.56	mg/kg		0.56	mg/kg	0.000056 %		
28		monohydric phenols			P1186		0.6	mg/kg		0.6	mg/kg	0.00006 %		
29		pyrene		204-927-3	129-00-0		2.4	mg/kg		2.4	mg/kg	0.00024 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		65	mg/kg	1.785	116.037	mg/kg	0.0116 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		53	mg/kg	1.245	65.97	mg/kg	0.0066 %		
											Total:	0.053 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP106[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP106[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.8 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number / EC Number / CAS Number							
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
	051-003-00-9							
2	arsenic { arsenic }		5 mg/kg		5 mg/kg	0.0005 %		
	033-001-00-X / 231-148-6 / 7440-38-2							
3	benzene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
	601-020-00-8 / 200-753-7 / 71-43-2							
4	beryllium { beryllium }		0.6 mg/kg		0.6 mg/kg	0.00006 %		
	004-001-00-7 / 231-150-7 / 7440-41-7							
5	boron { boric acid; [1] boric acid [2] }		<0.2 mg/kg	5.719	<1.144 mg/kg	<0.000114 %		<**LOD**
	005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]							
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
	048-001-00-5							
7	chromium { chromium(III) oxide (worst case) }		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
	/ 215-160-9 / 1308-38-9							
8	copper { copper(II) oxide }		17 mg/kg	1.252	21.28 mg/kg	0.00213 %		
	029-016-00-6 / 215-269-1 / 1317-38-0							
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }		0.2 mg/kg	1.884	0.377 mg/kg	0.0000377 %		
	006-007-00-5							
10	ethylbenzene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
	601-023-00-4 / 202-849-4 / 100-41-4							
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	56 mg/kg		56 mg/kg	0.0056 %		
	082-001-00-6							
12	mercury { mercury }		0.11 mg/kg		0.11 mg/kg	0.000011 %		
	080-001-00-0 / 231-106-7 / 7439-97-6							
13	nickel { nickel }	7	13 mg/kg		13 mg/kg	0.0013 %		
	028-002-00-7 / 231-111-4 / 7440-02-0							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		monohydric phenols		P1186		0.4	mg/kg		0.4	mg/kg	0.00004 %		
15		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		TPH (C6 to C40) petroleum group		TPH		190	mg/kg		190	mg/kg	0.019 %		
18		vanadium { divanadium pentaoxide; vanadium pentoxide }				15	mg/kg	1.785	26.778	mg/kg	0.00268 %		
		023-001-00-8	215-239-8	1314-62-1									
19		zinc { zinc oxide }				38	mg/kg	1.245	47.299	mg/kg	0.00473 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.038 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.019%)

Classification of sample: 01_TP107

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP107	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		43 mg/kg	1.252	53.826 mg/kg	0.00538 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	39	mg/kg		39	mg/kg	0.0039 %		
		082-001-00-6											
23		mercury { mercury }				0.32	mg/kg		0.32	mg/kg	0.000032 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	29	mg/kg		29	mg/kg	0.0029 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
27		monohydric phenols				0.4	mg/kg		0.4	mg/kg	0.00004 %		
				P1186									
28		pyrene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				62	mg/kg	1.245	77.172	mg/kg	0.00772 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0315 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP108

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP108
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.59 mg/kg		0.59 mg/kg	0.000059 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.61 mg/kg		0.61 mg/kg	0.000061 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	7.9 mg/kg		7.9 mg/kg	0.00079 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		37 mg/kg		37 mg/kg	0.0037 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.15 mg/kg		0.15 mg/kg	0.000015 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.7 mg/kg		0.7 mg/kg	0.00007 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.38 mg/kg		0.38 mg/kg	0.000038 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.67 mg/kg		0.67 mg/kg	0.000067 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12		boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		36 mg/kg	1.462	52.616 mg/kg	0.00526 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.78	mg/kg		0.78	mg/kg	0.000078 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		130	mg/kg	1.252	162.731	mg/kg	0.0163 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		2.5	mg/kg		2.5	mg/kg	0.00025 %		
21		fluorene		201-695-5	86-73-7		0.48	mg/kg		0.48	mg/kg	0.000048 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.1	mg/kg		0.1	mg/kg	0.00001 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	100	mg/kg		100	mg/kg	0.01 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.28	mg/kg		0.28	mg/kg	0.000028 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	33	mg/kg		33	mg/kg	0.0033 %		
27		phenanthrene		201-581-5	85-01-8		2.5	mg/kg		2.5	mg/kg	0.00025 %		
28		monohydric phenols			P1186		0.5	mg/kg		0.5	mg/kg	0.00005 %		
29		pyrene		204-927-3	129-00-0		2.5	mg/kg		2.5	mg/kg	0.00025 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		74	mg/kg	1.785	132.104	mg/kg	0.0132 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		130	mg/kg	1.245	161.813	mg/kg	0.0162 %		
											Total:	0.0707 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP109

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP109	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.13%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		acenaphthene 201-469-6 / 83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
2		acenaphthylene 205-917-1 / 208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3		anthracene 204-371-1 / 120-12-7		0.04 mg/kg		0.04 mg/kg	0.000004 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex } 051-003-00-9	1	4.1 mg/kg		4.1 mg/kg	0.00041 %		
5		arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		28 mg/kg		28 mg/kg	0.0028 %		
6		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene 205-883-8 / 191-24-2		0.11 mg/kg		0.11 mg/kg	0.000011 %		
8		benzo[a]anthracene 601-033-00-9 / 200-280-6 / 56-55-3		0.15 mg/kg		0.15 mg/kg	0.000015 %		
9		benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 / 200-028-5 / 50-32-8		0.13 mg/kg		0.13 mg/kg	0.000013 %		
10		benzo[bk]fluoranthene [1] 205-911-9 [2] 205-916-6 / [1] 205-99-2 [2] 207-08-9		0.22 mg/kg		0.22 mg/kg	0.000022 %		
11		beryllium { beryllium } 004-001-00-7 / 231-150-7 / 7440-41-7		2.6 mg/kg		2.6 mg/kg	0.00026 %		
12		boron { boric acid; [1] boric acid [2] } 005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS),	1	0.5 mg/kg		0.5 mg/kg	0.00005 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5											
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19	mg/kg	1.462	27.77	mg/kg	0.00278 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.2	mg/kg		0.2	mg/kg	0.00002 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		300	mg/kg	1.252	375.533	mg/kg	0.0376 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.8	mg/kg	1.884	1.507	mg/kg	0.000151 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		0.35	mg/kg		0.35	mg/kg	0.000035 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.08	mg/kg		0.08	mg/kg	0.000008 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	1300	mg/kg		1300	mg/kg	0.13 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		18	mg/kg		18	mg/kg	0.0018 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	39	mg/kg		39	mg/kg	0.0039 %		
27		phenanthrene		201-581-5	85-01-8		0.26	mg/kg		0.26	mg/kg	0.000026 %		
28		monohydric phenols			P1186		0.5	mg/kg		0.5	mg/kg	0.00005 %		
29		pyrene		204-927-3	129-00-0		0.39	mg/kg		0.39	mg/kg	0.000039 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		53	mg/kg	1.785	94.615	mg/kg	0.00946 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		310	mg/kg	1.245	385.861	mg/kg	0.0386 %		
											Total:	0.228 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP109[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP109[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number / EC Number / CAS Number							
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	1	3 mg/kg		3 mg/kg	0.0003 %		
	051-003-00-9							
2	arsenic { arsenic }		71 mg/kg		71 mg/kg	0.0071 %		
	033-001-00-X / 231-148-6 / 7440-38-2							
3	benzene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
	601-020-00-8 / 200-753-7 / 71-43-2							
4	beryllium { beryllium }		2.1 mg/kg		2.1 mg/kg	0.00021 %		
	004-001-00-7 / 231-150-7 / 7440-41-7							
5	boron { boric acid; [1] boric acid [2] }		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
	005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]							
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
	048-001-00-5							
7	chromium { chromium(III) oxide (worst case) }		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
	215-160-9 / 1308-38-9							
8	copper { copper(II) oxide }		110 mg/kg	1.252	137.695 mg/kg	0.0138 %		
	029-016-00-6 / 215-269-1 / 1317-38-0							
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }		0.2 mg/kg	1.884	0.377 mg/kg	0.0000377 %		
	006-007-00-5							
10	ethylbenzene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
	601-023-00-4 / 202-849-4 / 100-41-4							
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	180 mg/kg		180 mg/kg	0.018 %		
	082-001-00-6							
12	mercury { mercury }		1.1 mg/kg		1.1 mg/kg	0.00011 %		
	080-001-00-0 / 231-106-7 / 7439-97-6							
13	nickel { nickel }	7	29 mg/kg		29 mg/kg	0.0029 %		
	028-002-00-7 / 231-111-4 / 7440-02-0							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		monohydric phenols		P1186		0.5	mg/kg		0.5	mg/kg	0.00005 %		
15		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		TPH (C6 to C40) petroleum group		TPH		38	mg/kg		38	mg/kg	0.0038 %		
18		vanadium { divanadium pentaoxide; vanadium pentoxide }				40	mg/kg	1.785	71.407	mg/kg	0.00714 %		
		023-001-00-8	215-239-8	1314-62-1									
19		zinc { zinc oxide }				93	mg/kg	1.245	115.758	mg/kg	0.0116 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0679 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0038%)

Classification of sample: 01_TP109[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP109[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.05 mg/kg		0.05 mg/kg	0.000005 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.8 mg/kg		4.8 mg/kg	0.00048 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19 mg/kg		19 mg/kg	0.0019 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.1 mg/kg		0.1 mg/kg	0.00001 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.12 mg/kg		0.12 mg/kg	0.000012 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.11 mg/kg		0.11 mg/kg	0.000011 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.18 mg/kg		0.18 mg/kg	0.000018 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2 mg/kg		2 mg/kg	0.0002 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.14	mg/kg		0.14	mg/kg	0.000014 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		150	mg/kg	1.252	187.766	mg/kg	0.0188 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		0.27	mg/kg		0.27	mg/kg	0.000027 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.07	mg/kg		0.07	mg/kg	0.000007 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	330	mg/kg		330	mg/kg	0.033 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.2	mg/kg		1.2	mg/kg	0.00012 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.03	mg/kg		0.03	mg/kg	0.000003 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	38	mg/kg		38	mg/kg	0.0038 %		
27		phenanthrene		201-581-5	85-01-8		0.22	mg/kg		0.22	mg/kg	0.000022 %		
28		monohydric phenols			P1186		0.6	mg/kg		0.6	mg/kg	0.00006 %		
29		pyrene		204-927-3	129-00-0		0.3	mg/kg		0.3	mg/kg	0.00003 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		43	mg/kg	1.785	76.763	mg/kg	0.00768 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		99	mg/kg	1.245	123.227	mg/kg	0.0123 %		
											Total:	0.0816 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP110

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP110	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.2	mg/kg		0.2	mg/kg	0.00002 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.35	mg/kg		0.35	mg/kg	0.000035 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	11	mg/kg		11	mg/kg	0.0011 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		34	mg/kg		34	mg/kg	0.0034 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.13	mg/kg		0.13	mg/kg	0.000013 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.36	mg/kg		0.36	mg/kg	0.000036 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.24	mg/kg		0.24	mg/kg	0.000024 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.45	mg/kg		0.45	mg/kg	0.000045 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.9	mg/kg		1.9	mg/kg	0.00019 %		
12		boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7	mg/kg	5.719	4.003	mg/kg	0.0004 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6	mg/kg		0.6	mg/kg	0.00006 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21	mg/kg	1.462	30.693	mg/kg	0.00307 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.4	mg/kg		0.4	mg/kg	0.00004 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		300	mg/kg	1.252	375.533	mg/kg	0.0376 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		1.2	mg/kg		1.2	mg/kg	0.00012 %		
21		fluorene		201-695-5	86-73-7		0.2	mg/kg		0.2	mg/kg	0.00002 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.11	mg/kg		0.11	mg/kg	0.000011 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	520	mg/kg		520	mg/kg	0.052 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.6	mg/kg		1.6	mg/kg	0.00016 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.19	mg/kg		0.19	mg/kg	0.000019 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	38	mg/kg		38	mg/kg	0.0038 %		
27		phenanthrene		201-581-5	85-01-8		1.5	mg/kg		1.5	mg/kg	0.00015 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
29		pyrene		204-927-3	129-00-0		1.2	mg/kg		1.2	mg/kg	0.00012 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		59	mg/kg	1.785	105.326	mg/kg	0.0105 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		240	mg/kg	1.245	298.731	mg/kg	0.0299 %		
											Total:	0.143 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP111

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP111	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.5 mg/kg		4.5 mg/kg	0.00045 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		14 mg/kg	1.252	17.525 mg/kg	0.00175 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	12	mg/kg		12	mg/kg	0.0012 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	15	mg/kg		15	mg/kg	0.0015 %		
26		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
27		monohydric phenols			P1186		0.4	mg/kg		0.4	mg/kg	0.00004 %		
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		28	mg/kg	1.245	34.852	mg/kg	0.00349 %		
											Total:	0.0138 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP111[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP111[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.09 mg/kg		0.09 mg/kg	0.000009 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.3 mg/kg		4.3 mg/kg	0.00043 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.07 mg/kg		0.07 mg/kg	0.000007 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.16 mg/kg		0.16 mg/kg	0.000016 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.1 mg/kg		0.1 mg/kg	0.00001 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.25 mg/kg		0.25 mg/kg	0.000025 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.2	mg/kg		0.2	mg/kg	0.00002 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		86	mg/kg	1.252	107.653	mg/kg	0.0108 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.35	mg/kg		0.35	mg/kg	0.000035 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.07	mg/kg		0.07	mg/kg	0.000007 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	71	mg/kg		71	mg/kg	0.0071 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.25	mg/kg		0.25	mg/kg	0.000025 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	28	mg/kg		28	mg/kg	0.0028 %		
27		phenanthrene		201-581-5	85-01-8		0.16	mg/kg		0.16	mg/kg	0.000016 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.4	mg/kg		0.4	mg/kg	0.00004 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		74	mg/kg	1.785	132.104	mg/kg	0.0132 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		180	mg/kg	1.245	224.049	mg/kg	0.0224 %		
											Total:	0.0632 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP112

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP112	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	55 mg/kg		55 mg/kg	0.0055 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19 mg/kg		19 mg/kg	0.0019 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.04 mg/kg		0.04 mg/kg	0.000004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.2 mg/kg		2.2 mg/kg	0.00022 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		0.06 mg/kg		0.06 mg/kg	0.000006 %		
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		270 mg/kg	1.252	337.98 mg/kg	0.0338 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		0.12	mg/kg		0.12	mg/kg	0.000012 %		
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	290	mg/kg		290	mg/kg	0.029 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.45	mg/kg		0.45	mg/kg	0.000045 %		
24		naphthalene	601-052-00-2	202-049-5	91-20-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	38	mg/kg		38	mg/kg	0.0038 %		
26		phenanthrene		201-581-5	85-01-8		0.11	mg/kg		0.11	mg/kg	0.000011 %		
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
28		pyrene		204-927-3	129-00-0		0.1	mg/kg		0.1	mg/kg	0.00001 %		
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		54	mg/kg	1.785	96.4	mg/kg	0.00964 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		120	mg/kg	1.245	149.366	mg/kg	0.0149 %		
											Total:	0.102 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP112[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP112[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number / EC Number / CAS Number							
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	1	20 mg/kg		20 mg/kg	0.002 %		
	051-003-00-9							
2	arsenic { arsenic }		44 mg/kg		44 mg/kg	0.0044 %		
	033-001-00-X / 231-148-6 / 7440-38-2							
3	benzene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
	601-020-00-8 / 200-753-7 / 71-43-2							
4	beryllium { beryllium }		1.6 mg/kg		1.6 mg/kg	0.00016 %		
	004-001-00-7 / 231-150-7 / 7440-41-7							
5	boron { boric acid; [1] boric acid [2] }		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
	005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]							
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
	048-001-00-5							
7	chromium { chromium(III) oxide (worst case) }		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
	215-160-9 / 1308-38-9							
8	copper { copper(II) oxide }		150 mg/kg	1.252	187.766 mg/kg	0.0188 %		
	029-016-00-6 / 215-269-1 / 1317-38-0							
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }		<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
	006-007-00-5							
10	ethylbenzene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
	601-023-00-4 / 202-849-4 / 100-41-4							
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	210 mg/kg		210 mg/kg	0.021 %		
	082-001-00-6							
12	mercury { mercury }		0.29 mg/kg		0.29 mg/kg	0.000029 %		
	080-001-00-0 / 231-106-7 / 7439-97-6							
13	nickel { nickel }	7	35 mg/kg		35 mg/kg	0.0035 %		
	028-002-00-7 / 231-111-4 / 7440-02-0							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		monohydric phenols		P1186		1	mg/kg		1	mg/kg	0.0001 %		
15		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		TPH (C6 to C40) petroleum group		TPH		31	mg/kg		31	mg/kg	0.0031 %		
18		vanadium { divanadium pentaoxide; vanadium pentoxide }				46	mg/kg	1.785	82.119	mg/kg	0.00821 %		
		023-001-00-8	215-239-8	1314-62-1									
19		zinc { zinc oxide }				91	mg/kg	1.245	113.269	mg/kg	0.0113 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0757 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0031%)

Classification of sample: 01_TP115

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP115	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.05 mg/kg		0.05 mg/kg	0.000005 %		
2		acenaphthylene		205-917-1	208-96-8		0.04 mg/kg		0.04 mg/kg	0.000004 %		
3		anthracene		204-371-1	120-12-7		0.26 mg/kg		0.26 mg/kg	0.000026 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	12 mg/kg		12 mg/kg	0.0012 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		40 mg/kg		40 mg/kg	0.004 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.18 mg/kg		0.18 mg/kg	0.000018 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.45 mg/kg		0.45 mg/kg	0.000045 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.39 mg/kg		0.39 mg/kg	0.000039 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.74 mg/kg		0.74 mg/kg	0.000074 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.2 mg/kg		2.2 mg/kg	0.00022 %		
12		boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.9 mg/kg	5.719	5.147 mg/kg	0.000515 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.49	mg/kg		0.49	mg/kg	0.000049 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		300	mg/kg	1.252	375.533	mg/kg	0.0376 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.3	mg/kg	1.884	0.565	mg/kg	0.0000565 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		1	mg/kg		1	mg/kg	0.0001 %		
21		fluorene		201-695-5	86-73-7		0.04	mg/kg		0.04	mg/kg	0.000004 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.15	mg/kg		0.15	mg/kg	0.000015 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	460	mg/kg		460	mg/kg	0.046 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.63	mg/kg		0.63	mg/kg	0.000063 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.09	mg/kg		0.09	mg/kg	0.000009 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	45	mg/kg		45	mg/kg	0.0045 %		
27		phenanthrene		201-581-5	85-01-8		0.54	mg/kg		0.54	mg/kg	0.000054 %		
28		monohydric phenols			P1186		0.5	mg/kg		0.5	mg/kg	0.00005 %		
29		pyrene		204-927-3	129-00-0		1	mg/kg		1	mg/kg	0.0001 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		76	mg/kg	1.785	135.674	mg/kg	0.0136 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		130	mg/kg	1.245	161.813	mg/kg	0.0162 %		
											Total:	0.128 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP115[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP115[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	8.2 mg/kg		8.2 mg/kg	0.00082 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		25 mg/kg		25 mg/kg	0.0025 %		
3	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
4	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		3.9 mg/kg		3.9 mg/kg	0.00039 %		
5	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
7	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	39.462 mg/kg	0.00395 %		
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		260 mg/kg	1.252	325.462 mg/kg	0.0325 %		
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.4 mg/kg	1.884	0.754 mg/kg	0.0000754 %		
10	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	190 mg/kg		190 mg/kg	0.019 %		
12	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.44 mg/kg		0.44 mg/kg	0.000044 %		
13	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	50 mg/kg		50 mg/kg	0.005 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		monohydric phenols		P1186		0.4	mg/kg		0.4	mg/kg	0.00004 %		
15		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		TPH (C6 to C40) petroleum group		TPH		210	mg/kg		210	mg/kg	0.021 %		
18		vanadium { divanadium pentaoxide; vanadium pentoxide }				58	mg/kg	1.785	103.541	mg/kg	0.0104 %		
		023-001-00-8	215-239-8	1314-62-1									
19		zinc { zinc oxide }				88	mg/kg	1.245	109.535	mg/kg	0.011 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.107 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.021%)

Classification of sample: 01_TP115[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP115[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.08	mg/kg		0.08	mg/kg	0.000008 %		
2		acenaphthylene		205-917-1	208-96-8		0.06	mg/kg		0.06	mg/kg	0.000006 %		
3		anthracene		204-371-1	120-12-7		0.33	mg/kg		0.33	mg/kg	0.000033 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	12	mg/kg		12	mg/kg	0.0012 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		40	mg/kg		40	mg/kg	0.004 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.23	mg/kg		0.23	mg/kg	0.000023 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.53	mg/kg		0.53	mg/kg	0.000053 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.5	mg/kg		0.5	mg/kg	0.00005 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.91	mg/kg		0.91	mg/kg	0.000091 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.3	mg/kg		2.3	mg/kg	0.00023 %		
12		boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5	mg/kg	5.719	2.86	mg/kg	0.000286 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5	mg/kg		0.5	mg/kg	0.00005 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17	mg/kg	1.462	24.846	mg/kg	0.00248 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.58	mg/kg		0.58	mg/kg	0.000058 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		310	mg/kg	1.252	388.051	mg/kg	0.0388 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				68	mg/kg	1.884	128.112	mg/kg	0.0128 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.06	mg/kg		0.06	mg/kg	0.000006 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		1.2	mg/kg		1.2	mg/kg	0.00012 %		
21		fluorene		201-695-5	86-73-7		0.06	mg/kg		0.06	mg/kg	0.000006 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.2	mg/kg		0.2	mg/kg	0.00002 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	520	mg/kg		520	mg/kg	0.052 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1	mg/kg		1	mg/kg	0.0001 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.12	mg/kg		0.12	mg/kg	0.000012 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	40	mg/kg		40	mg/kg	0.004 %		
27		phenanthrene		201-581-5	85-01-8		0.71	mg/kg		0.71	mg/kg	0.000071 %		
28		monohydric phenols			P1186		0.4	mg/kg		0.4	mg/kg	0.00004 %		
29		pyrene		204-927-3	129-00-0		1.2	mg/kg		1.2	mg/kg	0.00012 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		61	mg/kg	1.785	108.896	mg/kg	0.0109 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		180	mg/kg	1.245	224.049	mg/kg	0.0224 %		
											Total:	0.15 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP119

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP119	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		19 mg/kg	1.252	23.784 mg/kg	0.00238 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	18	mg/kg		18	mg/kg	0.0018 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	16	mg/kg		16	mg/kg	0.0016 %		
26		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		36	mg/kg	1.785	64.267	mg/kg	0.00643 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		67	mg/kg	1.245	83.396	mg/kg	0.00834 %		
											Total:	0.0249 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP119[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP119[2]
Sample Depth:
0.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.1 mg/kg		4.1 mg/kg	0.00041 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.09 mg/kg		0.09 mg/kg	0.000009 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.06 mg/kg		0.06 mg/kg	0.000006 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.06 mg/kg		0.06 mg/kg	0.000006 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.15 mg/kg		0.15 mg/kg	0.000015 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<**LOD**
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.6 mg/kg	5.719	9.151 mg/kg	0.000915 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.11	mg/kg		0.11	mg/kg	0.000011 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		59	mg/kg	1.252	73.855	mg/kg	0.00739 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.24	mg/kg		0.24	mg/kg	0.000024 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.06	mg/kg		0.06	mg/kg	0.000006 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	47	mg/kg		47	mg/kg	0.0047 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	7.5	mg/kg		7.5	mg/kg	0.00075 %		
27		phenanthrene		201-581-5	85-01-8		0.07	mg/kg		0.07	mg/kg	0.000007 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.2	mg/kg		0.2	mg/kg	0.00002 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		10	mg/kg	1.785	17.852	mg/kg	0.00179 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		100	mg/kg	1.245	124.471	mg/kg	0.0124 %		
											Total:	0.0306 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP120

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP120	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.21%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		acenaphthene 201-469-6 / 83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2		acenaphthylene 205-917-1 / 208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3		anthracene 204-371-1 / 120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex } 051-003-00-9	1	2.7 mg/kg		2.7 mg/kg	0.00027 %		
5		arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		16 mg/kg		16 mg/kg	0.0016 %		
6		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7		benzo[ghi]perylene 205-883-8 / 191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8		benzo[a]anthracene 601-033-00-9 / 200-280-6 / 56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9		benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 / 200-028-5 / 50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10		beryllium { beryllium } 004-001-00-7 / 231-150-7 / 7440-41-7		1.2 mg/kg		1.2 mg/kg	0.00012 %		
11		boron { boric acid; [1] boric acid [2] } 005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
12		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex 048-001-00-5	1	0.9 mg/kg		0.9 mg/kg	0.00009 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		chromium { chromium(III) oxide (worst case) }				19	mg/kg	1.462	27.77	mg/kg	0.00278 %		
			215-160-9	1308-38-9									
14		chrysene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		601-048-00-0	205-923-4	218-01-9									
15		copper { copper(II) oxide }				110	mg/kg	1.252	137.695	mg/kg	0.0138 %		
		029-016-00-6	215-269-1	1317-38-0									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.4	mg/kg	1.884	0.754	mg/kg	0.0000754 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	2100	mg/kg		2100	mg/kg	0.21 %		
		082-001-00-6											
23		mercury { mercury }				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	17	mg/kg		17	mg/kg	0.0017 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
28		pyrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				140	mg/kg	1.245	174.26	mg/kg	0.0174 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.253 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP120[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP120[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.7 mg/kg		3.7 mg/kg	0.00037 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19 mg/kg		19 mg/kg	0.0019 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.1 mg/kg		0.1 mg/kg	0.00001 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.2 mg/kg		0.2 mg/kg	0.00002 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.2 mg/kg		0.2 mg/kg	0.00002 %		
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.9 mg/kg		1.9 mg/kg	0.00019 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.5 mg/kg	5.719	8.579 mg/kg	0.000858 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		0.2 mg/kg		0.2 mg/kg	0.00002 %		
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		120 mg/kg	1.252	150.213 mg/kg	0.015 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3	mg/kg	1.884	0.565	mg/kg	0.0000565 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
			205-912-4	206-44-0									
20		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	96	mg/kg		96	mg/kg	0.0096 %		
		082-001-00-6											
23		mercury { mercury }				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	28	mg/kg		28	mg/kg	0.0028 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
28		pyrene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				35	mg/kg	1.785	62.481	mg/kg	0.00625 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				140	mg/kg	1.245	174.26	mg/kg	0.0174 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.058 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP121

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP121	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.6 mg/kg		6.6 mg/kg	0.00066 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		350 mg/kg	1.252	438.122 mg/kg	0.0438 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	440	mg/kg		440	mg/kg	0.044 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.39	mg/kg		0.39	mg/kg	0.000039 %		
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	28	mg/kg		28	mg/kg	0.0028 %		
26		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		28	mg/kg	1.785	49.985	mg/kg	0.005 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		280	mg/kg	1.245	348.52	mg/kg	0.0349 %		
											Total:	0.136 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP121[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP121[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.5 mg/kg		4.5 mg/kg	0.00045 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<**LOD**
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		6.8 mg/kg	1.462	9.939 mg/kg	0.000994 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		10 mg/kg	1.252	12.518 mg/kg	0.00125 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	28	mg/kg		28	mg/kg	0.0028 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	6.5	mg/kg		6.5	mg/kg	0.00065 %		
26		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		8.7	mg/kg	1.785	15.531	mg/kg	0.00155 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		35	mg/kg	1.245	43.565	mg/kg	0.00436 %		
											Total:	0.0128 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP122

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP122	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	59 mg/kg		59 mg/kg	0.0059 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		23 mg/kg		23 mg/kg	0.0023 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		280 mg/kg	1.252	350.497 mg/kg	0.035 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	730	mg/kg		730	mg/kg	0.073 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.18	mg/kg		0.18	mg/kg	0.000018 %		
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	24	mg/kg		24	mg/kg	0.0024 %		
26		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		29	mg/kg	1.785	51.77	mg/kg	0.00518 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		260	mg/kg	1.245	323.626	mg/kg	0.0324 %		
											Total:	0.159 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP124

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP124	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.8 mg/kg		4.8 mg/kg	0.00048 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.1 mg/kg		7.1 mg/kg	0.00071 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.04 mg/kg		0.04 mg/kg	0.000004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		59 mg/kg	1.252	73.855 mg/kg	0.00739 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19		fluoranthene		205-912-4	206-44-0		0.09	mg/kg		0.09	mg/kg	0.000009 %		
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	110	mg/kg		110	mg/kg	0.011 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	27	mg/kg		27	mg/kg	0.0027 %		
26		phenanthrene		201-581-5	85-01-8		0.08	mg/kg		0.08	mg/kg	0.000008 %		
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
28		pyrene		204-927-3	129-00-0		0.08	mg/kg		0.08	mg/kg	0.000008 %		
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		24	mg/kg	1.785	42.844	mg/kg	0.00428 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		73	mg/kg	1.245	90.864	mg/kg	0.00909 %		
											Total:	0.0394 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP124[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP124[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 1.2%)

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 1.2%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinands:

copper(II) oxide: (compound conc.: 0.526%)
lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 1.2%)
zinc oxide: (compound conc.: 0.162%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		acenaphthene 201-469-6 / 83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene 205-917-1 / 208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3		anthracene 204-371-1 / 120-12-7		0.08 mg/kg		0.08 mg/kg	0.000008 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex } 051-003-00-9	1	180 mg/kg		180 mg/kg	0.018 %		
5		arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		61 mg/kg		61 mg/kg	0.0061 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
6		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
7		benzo[ghi]perylene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-883-8	191-24-2									
8		benzo[a]anthracene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
		601-033-00-9	200-280-6	56-55-3									
9		benzo[a]pyrene; benzo[def]chrysene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
		601-032-00-3	200-028-5	50-32-8									
10		benzo[bk]fluoranthene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
			[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9									
11		beryllium { beryllium }				1.8	mg/kg		1.8	mg/kg	0.00018 %		
		004-001-00-7	231-150-7	7440-41-7									
12		boron { boric acid; [1] boric acid [2] }				1.6	mg/kg	5.719	9.151	mg/kg	0.000915 %		
		005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	1.6	mg/kg		1.6	mg/kg	0.00016 %		
		048-001-00-5											
14		chromium { chromium(III) oxide (worst case) }				33	mg/kg	1.462	48.231	mg/kg	0.00482 %		
			215-160-9	1308-38-9									
15		chrysene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				4200	mg/kg	1.252	5257.462	mg/kg	0.526 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				89	mg/kg	1.884	167.676	mg/kg	0.0168 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	12000	mg/kg		12000	mg/kg	1.2 %		
		082-001-00-6											
24		mercury { mercury }				2.5	mg/kg		2.5	mg/kg	0.00025 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	43	mg/kg		43	mg/kg	0.0043 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.55	mg/kg		0.55	mg/kg	0.000055 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				86	mg/kg	1.785	153.526	mg/kg	0.0154 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				1300	mg/kg	1.245	1618.128	mg/kg	0.162 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	1.955 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP125

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP125
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.29 mg/kg		0.29 mg/kg	0.000029 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.26 mg/kg		0.26 mg/kg	0.000026 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.9 mg/kg		4.9 mg/kg	0.00049 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		14 mg/kg		14 mg/kg	0.0014 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.17 mg/kg		0.17 mg/kg	0.000017 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.4 mg/kg		0.4 mg/kg	0.00004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.31 mg/kg		0.31 mg/kg	0.000031 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.6 mg/kg		0.6 mg/kg	0.00006 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.4 mg/kg	5.719	8.007 mg/kg	0.000801 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7 mg/kg		0.7 mg/kg	0.00007 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31 mg/kg	1.462	45.308 mg/kg	0.00453 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				41	mg/kg	1.252	51.323	mg/kg	0.00513 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			205-912-4	206-44-0									
21		fluorene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	830	mg/kg		830	mg/kg	0.083 %		
		082-001-00-6											
24		mercury { mercury }				0.43	mg/kg		0.43	mg/kg	0.000043 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	18	mg/kg		18	mg/kg	0.0018 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				39	mg/kg	1.785	69.622	mg/kg	0.00696 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				150	mg/kg	1.245	186.707	mg/kg	0.0187 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.124 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP126

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP126
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.23	mg/kg		0.23	mg/kg	0.000023 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.37	mg/kg		0.37	mg/kg	0.000037 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.6	mg/kg		2.6	mg/kg	0.00026 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.5	mg/kg		9.5	mg/kg	0.00095 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.21	mg/kg		0.21	mg/kg	0.000021 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.6	mg/kg		0.6	mg/kg	0.00006 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.44	mg/kg		0.44	mg/kg	0.000044 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.83	mg/kg		0.83	mg/kg	0.000083 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5	mg/kg		0.5	mg/kg	0.00005 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.4	mg/kg	5.719	8.007	mg/kg	0.000801 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	3	mg/kg		3	mg/kg	0.0003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18	mg/kg	1.462	26.308	mg/kg	0.00263 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.69	mg/kg		0.69	mg/kg	0.000069 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				39	mg/kg	1.252	48.819	mg/kg	0.00488 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.9	mg/kg		1.9	mg/kg	0.00019 %		
			205-912-4	206-44-0									
21		fluorene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	120	mg/kg		120	mg/kg	0.012 %		
		082-001-00-6											
24		mercury { mercury }				0.72	mg/kg		0.72	mg/kg	0.000072 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	18	mg/kg		18	mg/kg	0.0018 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				34	mg/kg	1.785	60.696	mg/kg	0.00607 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				520	mg/kg	1.245	647.251	mg/kg	0.0647 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0956 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP126[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP126[2]
Sample Depth:
2.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.6 mg/kg		6.6 mg/kg	0.00066 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.9 mg/kg	5.719	5.147 mg/kg	0.000515 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		16 mg/kg	1.252	20.028 mg/kg	0.002 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	27	mg/kg		27	mg/kg	0.0027 %		
		082-001-00-6											
23		mercury { mercury }				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	15	mg/kg		15	mg/kg	0.0015 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				53	mg/kg	1.245	65.97	mg/kg	0.0066 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0217 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP127

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP127
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.16	mg/kg		0.16	mg/kg	0.000016 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.17	mg/kg		0.17	mg/kg	0.000017 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.5	mg/kg		1.5	mg/kg	0.00015 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		17	mg/kg		17	mg/kg	0.0017 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.18	mg/kg		0.18	mg/kg	0.000018 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.37	mg/kg		0.37	mg/kg	0.000037 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.32	mg/kg		0.32	mg/kg	0.000032 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.64	mg/kg		0.64	mg/kg	0.000064 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7	mg/kg		0.7	mg/kg	0.00007 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.4	mg/kg	5.719	8.007	mg/kg	0.000801 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4	mg/kg		0.4	mg/kg	0.00004 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19	mg/kg	1.462	27.77	mg/kg	0.00278 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.43	mg/kg		0.43	mg/kg	0.000043 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				37	mg/kg	1.252	46.316	mg/kg	0.00463 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			205-912-4	206-44-0									
21		fluorene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	87	mg/kg		87	mg/kg	0.0087 %		
		082-001-00-6											
24		mercury { mercury }				0.23	mg/kg		0.23	mg/kg	0.000023 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	16	mg/kg		16	mg/kg	0.0016 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.71	mg/kg		0.71	mg/kg	0.000071 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				100	mg/kg	1.245	124.471	mg/kg	0.0124 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0383 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_WS101

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_WS101
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.11 mg/kg		0.11 mg/kg	0.000011 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.11 mg/kg		0.11 mg/kg	0.000011 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.3 mg/kg		3.3 mg/kg	0.00033 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.06 mg/kg		0.06 mg/kg	0.000006 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.18 mg/kg		0.18 mg/kg	0.000018 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.1 mg/kg		0.1 mg/kg	0.00001 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.22 mg/kg		0.22 mg/kg	0.000022 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				57	mg/kg	1.252	71.351	mg/kg	0.00714 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.8	mg/kg	1.884	1.507	mg/kg	0.000151 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.59	mg/kg		0.59	mg/kg	0.000059 %		
			205-912-4	206-44-0									
21		fluorene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	280	mg/kg		280	mg/kg	0.028 %		
		082-001-00-6											
24		mercury { mercury }				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	16	mg/kg		16	mg/kg	0.0016 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.58	mg/kg		0.58	mg/kg	0.000058 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				0.53	mg/kg		0.53	mg/kg	0.000053 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				97	mg/kg	1.245	120.737	mg/kg	0.0121 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0571 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_WS102

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_WS102
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04	mg/kg		0.04	mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.08	mg/kg		0.08	mg/kg	0.000008 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.5	mg/kg		1.5	mg/kg	0.00015 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12	mg/kg		12	mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.15	mg/kg		0.15	mg/kg	0.000015 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.3	mg/kg		0.3	mg/kg	0.00003 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.28	mg/kg		0.28	mg/kg	0.000028 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.49	mg/kg		0.49	mg/kg	0.000049 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6	mg/kg		0.6	mg/kg	0.00006 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.3	mg/kg	5.719	7.435	mg/kg	0.000743 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5	mg/kg		0.5	mg/kg	0.00005 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12	mg/kg	1.462	17.539	mg/kg	0.00175 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				80	mg/kg	1.252	100.142	mg/kg	0.01 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.4	mg/kg	1.884	0.754	mg/kg	0.0000754 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.68	mg/kg		0.68	mg/kg	0.000068 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	280	mg/kg		280	mg/kg	0.028 %		
		082-001-00-6											
24		mercury { mercury }				0.63	mg/kg		0.63	mg/kg	0.000063 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	11	mg/kg		11	mg/kg	0.0011 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.42	mg/kg		0.42	mg/kg	0.000042 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				0.7	mg/kg		0.7	mg/kg	0.00007 %		
			204-927-3	129-00-0									
30		selenium { selenium }				0.5	mg/kg		0.5	mg/kg	0.00005 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				61	mg/kg		61	mg/kg	0.0061 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				140	mg/kg	1.245	174.26	mg/kg	0.0174 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0706 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0061%)

Classification of sample: 01_WS103

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_WS103
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		6.1 mg/kg		6.1 mg/kg	0.00061 %		
2	acenaphthylene		205-917-1	208-96-8		0.11 mg/kg		0.11 mg/kg	0.000011 %		
3	anthracene		204-371-1	120-12-7		3.7 mg/kg		3.7 mg/kg	0.00037 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	11 mg/kg		11 mg/kg	0.0011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		14 mg/kg		14 mg/kg	0.0014 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.93 mg/kg		0.93 mg/kg	0.000093 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		3.7 mg/kg		3.7 mg/kg	0.00037 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2.7 mg/kg		2.7 mg/kg	0.00027 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		4.1 mg/kg		4.1 mg/kg	0.00041 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.5 mg/kg	5.719	8.579 mg/kg	0.000858 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		4.4	mg/kg		4.4	mg/kg	0.00044 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		60	mg/kg	1.252	75.107	mg/kg	0.00751 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.4	mg/kg	1.884	0.754	mg/kg	0.0000754 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.23	mg/kg		0.23	mg/kg	0.000023 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		13	mg/kg		13	mg/kg	0.0013 %		
21		fluorene		201-695-5	86-73-7		4	mg/kg		4	mg/kg	0.0004 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.75	mg/kg		0.75	mg/kg	0.000075 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	490	mg/kg		490	mg/kg	0.049 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.68	mg/kg		0.68	mg/kg	0.000068 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		18	mg/kg		18	mg/kg	0.0018 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	15	mg/kg		15	mg/kg	0.0015 %		
27		phenanthrene		201-581-5	85-01-8		20	mg/kg		20	mg/kg	0.002 %		
28		monohydric phenols			P1186		12	mg/kg		12	mg/kg	0.0012 %		
29		pyrene		204-927-3	129-00-0		13	mg/kg		13	mg/kg	0.0013 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		24	mg/kg	1.785	42.844	mg/kg	0.00428 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		220	mg/kg	1.245	273.837	mg/kg	0.0274 %		
											Total:	0.106 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_WS104

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_WS104
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		5.5 mg/kg		5.5 mg/kg	0.00055 %		
2	acenaphthylene		205-917-1	208-96-8		7.7 mg/kg		7.7 mg/kg	0.00077 %		
3	anthracene		204-371-1	120-12-7		14 mg/kg		14 mg/kg	0.0014 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.4 mg/kg		3.4 mg/kg	0.00034 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		15 mg/kg		15 mg/kg	0.0015 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		9.5 mg/kg		9.5 mg/kg	0.00095 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		19 mg/kg		19 mg/kg	0.0019 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		17 mg/kg		17 mg/kg	0.0017 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		23.5 mg/kg		23.5 mg/kg	0.00235 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		20	mg/kg		20	mg/kg	0.002 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		90	mg/kg	1.252	112.66	mg/kg	0.0113 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				8.5	mg/kg	1.884	16.014	mg/kg	0.0016 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		2.4	mg/kg		2.4	mg/kg	0.00024 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		50	mg/kg		50	mg/kg	0.005 %		
21		fluorene		201-695-5	86-73-7		13	mg/kg		13	mg/kg	0.0013 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		7.4	mg/kg		7.4	mg/kg	0.00074 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	290	mg/kg		290	mg/kg	0.029 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.11	mg/kg		0.11	mg/kg	0.000011 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	15	mg/kg		15	mg/kg	0.0015 %		
27		phenanthrene		201-581-5	85-01-8		61	mg/kg		61	mg/kg	0.0061 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		48	mg/kg		48	mg/kg	0.0048 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		0.9	mg/kg		0.9	mg/kg	0.00009 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		310	mg/kg	1.245	385.861	mg/kg	0.0386 %		
											Total:	0.121 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_WS105

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_WS105
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.05 mg/kg		0.05 mg/kg	0.000005 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.04 mg/kg		0.04 mg/kg	0.000004 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.3 mg/kg		6.3 mg/kg	0.00063 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.04 mg/kg		0.04 mg/kg	0.000004 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.09 mg/kg		0.09 mg/kg	0.000009 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.07 mg/kg		0.07 mg/kg	0.000007 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.13 mg/kg		0.13 mg/kg	0.000013 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
12		boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	4.7 mg/kg		4.7 mg/kg	0.00047 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		38 mg/kg	1.462	55.539 mg/kg	0.00555 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.11	mg/kg		0.11	mg/kg	0.000011 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		190	mg/kg	1.252	237.838	mg/kg	0.0238 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.8	mg/kg	1.884	1.507	mg/kg	0.000151 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		0.26	mg/kg		0.26	mg/kg	0.000026 %		
21		fluorene		201-695-5	86-73-7		0.03	mg/kg		0.03	mg/kg	0.000003 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.04	mg/kg		0.04	mg/kg	0.000004 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	490	mg/kg		490	mg/kg	0.049 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.13	mg/kg		0.13	mg/kg	0.000013 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	42	mg/kg		42	mg/kg	0.0042 %		
27		phenanthrene		201-581-5	85-01-8		0.27	mg/kg		0.27	mg/kg	0.000027 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
29		pyrene		204-927-3	129-00-0		0.26	mg/kg		0.26	mg/kg	0.000026 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		0.7	mg/kg		0.7	mg/kg	0.00007 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		1700	mg/kg	1.245	2116.014	mg/kg	0.212 %		
											Total:	0.302 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_WS106

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_WS106
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.4 mg/kg		0.4 mg/kg	0.00004 %		
2	acenaphthylene		205-917-1	208-96-8		0.3 mg/kg		0.3 mg/kg	0.00003 %		
3	anthracene		204-371-1	120-12-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.5 mg/kg		2.5 mg/kg	0.00025 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.5 mg/kg		7.5 mg/kg	0.00075 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		1.1 mg/kg		1.1 mg/kg	0.00011 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.2 mg/kg		1.2 mg/kg	0.00012 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.5 mg/kg		1.5 mg/kg	0.00015 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		2.2 mg/kg		2.2 mg/kg	0.00022 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.3 mg/kg		0.3 mg/kg	0.00003 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.3 mg/kg	5.719	7.435 mg/kg	0.000743 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.9 mg/kg		0.9 mg/kg	0.00009 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		1.2	mg/kg		1.2	mg/kg	0.00012 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		79	mg/kg	1.252	98.89	mg/kg	0.00989 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				4	mg/kg	1.884	7.536	mg/kg	0.000754 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.2	mg/kg		0.2	mg/kg	0.00002 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		3	mg/kg		3	mg/kg	0.0003 %		
21		fluorene		201-695-5	86-73-7		0.3	mg/kg		0.3	mg/kg	0.00003 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.9	mg/kg		0.9	mg/kg	0.00009 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	140	mg/kg		140	mg/kg	0.014 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.41	mg/kg		0.41	mg/kg	0.000041 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.02	mg/kg		0.02	mg/kg	0.000002 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	14	mg/kg		14	mg/kg	0.0014 %		
27		phenanthrene		201-581-5	85-01-8		1.8	mg/kg		1.8	mg/kg	0.00018 %		
28		monohydric phenols			P1186		0.4	mg/kg		0.4	mg/kg	0.00004 %		
29		pyrene		204-927-3	129-00-0		2.7	mg/kg		2.7	mg/kg	0.00027 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		120	mg/kg	1.245	149.366	mg/kg	0.0149 %		
											Total:	0.0494 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH201

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH201
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.18 mg/kg		0.18 mg/kg	0.000018 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5.5 mg/kg		5.5 mg/kg	0.00055 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.06 mg/kg		0.06 mg/kg	0.000006 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.09 mg/kg		0.09 mg/kg	0.000009 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.07 mg/kg		0.07 mg/kg	0.000007 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.18 mg/kg		0.18 mg/kg	0.000018 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<**LOD**
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.14	mg/kg		0.14	mg/kg	0.000014 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		33	mg/kg	1.252	41.309	mg/kg	0.00413 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		0.32	mg/kg		0.32	mg/kg	0.000032 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.05	mg/kg		0.05	mg/kg	0.000005 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	27	mg/kg		27	mg/kg	0.0027 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.03	mg/kg		0.03	mg/kg	0.000003 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	9.8	mg/kg		9.8	mg/kg	0.00098 %		
27		phenanthrene		201-581-5	85-01-8		0.14	mg/kg		0.14	mg/kg	0.000014 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
29		pyrene		204-927-3	129-00-0		0.26	mg/kg		0.26	mg/kg	0.000026 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		65	mg/kg	1.245	80.906	mg/kg	0.00809 %		
											Total:	0.0218 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH202

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH202	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.29 mg/kg		0.29 mg/kg	0.000029 %		
2	acenaphthylene		205-917-1	208-96-8		0.06 mg/kg		0.06 mg/kg	0.000006 %		
3	anthracene		204-371-1	120-12-7		0.38 mg/kg		0.38 mg/kg	0.000038 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.2 mg/kg		2.2 mg/kg	0.00022 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		15 mg/kg		15 mg/kg	0.0015 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.14 mg/kg		0.14 mg/kg	0.000014 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.49 mg/kg		0.49 mg/kg	0.000049 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.31 mg/kg		0.31 mg/kg	0.000031 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.53 mg/kg		0.53 mg/kg	0.000053 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.58	mg/kg		0.58	mg/kg	0.000058 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		120	mg/kg	1.252	150.213	mg/kg	0.015 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		1.9	mg/kg		1.9	mg/kg	0.00019 %		
21		fluorene		201-695-5	86-73-7		0.29	mg/kg		0.29	mg/kg	0.000029 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.12	mg/kg		0.12	mg/kg	0.000012 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	140	mg/kg		140	mg/kg	0.014 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.45	mg/kg		0.45	mg/kg	0.000045 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.27	mg/kg		0.27	mg/kg	0.000027 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	30	mg/kg		30	mg/kg	0.003 %		
27		phenanthrene		201-581-5	85-01-8		2.2	mg/kg		2.2	mg/kg	0.00022 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
29		pyrene		204-927-3	129-00-0		1.8	mg/kg		1.8	mg/kg	0.00018 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		190	mg/kg	1.245	236.496	mg/kg	0.0236 %		
											Total:	0.068 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH202[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH202[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.4 mg/kg		8.4 mg/kg	0.00084 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		56 mg/kg	1.252	70.099 mg/kg	0.00701 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		**<LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	48 mg/kg		48 mg/kg	0.0048 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.16 mg/kg		0.16 mg/kg	0.000016 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	21 mg/kg		21 mg/kg	0.0021 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		**<LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				83	mg/kg	1.245	103.311	mg/kg	0.0103 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0326 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH203

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH203	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
11.7 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinand:

copper(II) oxide: (compound conc.: 0.939%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex } 051-003-00-9	1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
2	arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		9.7 mg/kg		9.7 mg/kg	0.00097 %		
3	beryllium { beryllium } 004-001-00-7 / 231-150-7 / 7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
4	boron { boric acid; [1] boric acid [2] } 005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]		1.4 mg/kg	5.719	8.007 mg/kg	0.000801 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex 048-001-00-5	1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) } 215-160-9 / 1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
7	copper { copper(II) oxide } 029-016-00-6 / 215-269-1 / 1317-38-0		7500 mg/kg	1.252	9388.325 mg/kg	0.939 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5		0.1 mg/kg	1.884	0.188 mg/kg	0.0000188 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6	1	63 mg/kg		63 mg/kg	0.0063 %		
10	mercury { mercury } 080-001-00-0 / 231-106-7 / 7439-97-6		0.1 mg/kg		0.1 mg/kg	0.00001 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
11		nickel { nickel }			7	19	mg/kg		19	mg/kg	0.0019 %		
		028-002-00-7	231-111-4	7440-02-0									
12		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				330	mg/kg	1.245	410.756	mg/kg	0.0411 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.996 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH203[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH203[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		acenaphthene 201-469-6 / 83-32-9		0.09 mg/kg		0.09 mg/kg	0.000009 %		
2		acenaphthylene 205-917-1 / 208-96-8		0.1 mg/kg		0.1 mg/kg	0.00001 %		
3		anthracene 204-371-1 / 120-12-7		0.23 mg/kg		0.23 mg/kg	0.000023 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex } 051-003-00-9	1	2.7 mg/kg		2.7 mg/kg	0.00027 %		
5		arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		32 mg/kg		32 mg/kg	0.0032 %		
6		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**
7		benzo[ghi]perylene 205-883-8 / 191-24-2		0.27 mg/kg		0.27 mg/kg	0.000027 %		
8		benzo[a]anthracene 601-033-00-9 / 200-280-6 / 56-55-3		0.48 mg/kg		0.48 mg/kg	0.000048 %		
9		benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 / 200-028-5 / 50-32-8		0.41 mg/kg		0.41 mg/kg	0.000041 %		
10		benzo[bk]fluoranthene [1] 205-911-9 [2] 205-916-6 / [1] 205-99-2 [2] 207-08-9		0.69 mg/kg		0.69 mg/kg	0.000069 %		
11		beryllium { beryllium } 004-001-00-7 / 231-150-7 / 7440-41-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
12		boron { boric acid; [1] boric acid [2] } 005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex 048-001-00-5	1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14		chromium { chromium(III) oxide (worst case) } 215-160-9 / 1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.61	mg/kg		0.61	mg/kg	0.000061 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		62	mg/kg	1.252	77.61	mg/kg	0.00776 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.03	mg/kg		0.03	mg/kg	0.000003 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		1.2	mg/kg		1.2	mg/kg	0.00012 %		
21		fluorene		201-695-5	86-73-7		0.11	mg/kg		0.11	mg/kg	0.000011 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.17	mg/kg		0.17	mg/kg	0.000017 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	54	mg/kg		54	mg/kg	0.0054 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.23	mg/kg		0.23	mg/kg	0.000023 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.12	mg/kg		0.12	mg/kg	0.000012 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	34	mg/kg		34	mg/kg	0.0034 %		
27		phenanthrene		201-581-5	85-01-8		1.1	mg/kg		1.1	mg/kg	0.00011 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		2	mg/kg		2	mg/kg	0.0002 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		3.1	mg/kg		3.1	mg/kg	0.00031 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		110	mg/kg	1.785	196.37	mg/kg	0.0196 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		240	mg/kg	1.245	298.731	mg/kg	0.0299 %		
											Total:	0.0744 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH203[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH203[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	●	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	●	TPH (C6 to C40) petroleum group				240	mg/kg		240	mg/kg	0.024 %		
				TPH									
										Total:	0.024 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.024%)

Classification of sample: GEO_BH203[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH203[4]
Sample Depth:
6.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		1.3 mg/kg		1.3 mg/kg	0.00013 %		
2	acenaphthylene		205-917-1	208-96-8		0.3 mg/kg		0.3 mg/kg	0.00003 %		
3	anthracene		204-371-1	120-12-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	7.3 mg/kg		7.3 mg/kg	0.00073 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		20 mg/kg		20 mg/kg	0.002 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		0.12 mg/kg		0.12 mg/kg	0.000012 %		
7	benzo[ghi]perylene		205-883-8	191-24-2		0.48 mg/kg		0.48 mg/kg	0.000048 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.84 mg/kg		0.84 mg/kg	0.000084 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.8 mg/kg		0.8 mg/kg	0.00008 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.84 mg/kg		0.84 mg/kg	0.000084 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.6 mg/kg	0.00016 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.83	mg/kg		0.83	mg/kg	0.000083 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				150	mg/kg	1.252	187.766	mg/kg	0.0188 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				2.4	mg/kg		2.4	mg/kg	0.00024 %		
			205-912-4	206-44-0									
21		fluorene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	200	mg/kg		200	mg/kg	0.02 %		
		082-001-00-6											
24		mercury { mercury }				1.8	mg/kg		1.8	mg/kg	0.00018 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	29	mg/kg		29	mg/kg	0.0029 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				7.1	mg/kg		7.1	mg/kg	0.00071 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				4.6	mg/kg		4.6	mg/kg	0.00046 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				47	mg/kg	1.785	83.904	mg/kg	0.00839 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				260	mg/kg	1.245	323.626	mg/kg	0.0324 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0906 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

benzene: (conc.: 0.00001%)
ethylbenzene: (conc.: 0.00002%)

Classification of sample: GEO_BH204

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH204	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.9 mg/kg		3.9 mg/kg	0.00039 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		29 mg/kg		29 mg/kg	0.0029 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.4 mg/kg		1.4 mg/kg	0.00014 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		180 mg/kg	1.252	225.32 mg/kg	0.0225 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				1.7 mg/kg	1.884	3.203 mg/kg	0.00032 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	280 mg/kg		280 mg/kg	0.028 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		24 mg/kg		24 mg/kg	0.0024 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	29 mg/kg		29 mg/kg	0.0029 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				46	mg/kg	1.785	82.119	mg/kg	0.00821 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				220	mg/kg	1.245	273.837	mg/kg	0.0274 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0983 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH205

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH205	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.8 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.6 mg/kg		6.6 mg/kg	0.00066 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		18 mg/kg	1.252	22.532 mg/kg	0.00225 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	9.8	mg/kg		9.8	mg/kg	0.00098 %		
		082-001-00-6											
23		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	18	mg/kg		18	mg/kg	0.0018 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				41	mg/kg	1.245	51.033	mg/kg	0.0051 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0166 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH205[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH205[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.8 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.7 mg/kg		6.7 mg/kg	0.00067 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		13 mg/kg	1.252	16.273 mg/kg	0.00163 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	6.4	mg/kg		6.4	mg/kg	0.00064 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	14	mg/kg		14	mg/kg	0.0014 %		
26		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		29	mg/kg	1.245	36.097	mg/kg	0.00361 %		
											Total:	0.013 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH206

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH206	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.5 mg/kg		7.5 mg/kg	0.00075 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		27 mg/kg	1.252	33.798 mg/kg	0.00338 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	14 mg/kg		14 mg/kg	0.0014 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	28 mg/kg		28 mg/kg	0.0028 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				63	mg/kg	1.245	78.417	mg/kg	0.00784 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0235 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH206[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH206[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.09 mg/kg		0.09 mg/kg	0.000009 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.17 mg/kg		0.17 mg/kg	0.000017 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.5 mg/kg		2.5 mg/kg	0.00025 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.12 mg/kg		0.12 mg/kg	0.000012 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.27 mg/kg		0.27 mg/kg	0.000027 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.22 mg/kg		0.22 mg/kg	0.000022 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.33 mg/kg		0.33 mg/kg	0.000033 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12		boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.31	mg/kg		0.31	mg/kg	0.000031 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		73	mg/kg	1.252	91.38	mg/kg	0.00914 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.74	mg/kg		0.74	mg/kg	0.000074 %		
21		fluorene		201-695-5	86-73-7		0.1	mg/kg		0.1	mg/kg	0.00001 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.09	mg/kg		0.09	mg/kg	0.000009 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	51	mg/kg		51	mg/kg	0.0051 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.1	mg/kg		0.1	mg/kg	0.00001 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.17	mg/kg		0.17	mg/kg	0.000017 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	38	mg/kg		38	mg/kg	0.0038 %		
27		phenanthrene		201-581-5	85-01-8		0.83	mg/kg		0.83	mg/kg	0.000083 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.76	mg/kg		0.76	mg/kg	0.000076 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		38	mg/kg	1.785	67.837	mg/kg	0.00678 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		180	mg/kg	1.245	224.049	mg/kg	0.0224 %		
											Total:	0.054 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH207

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH207	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.29 mg/kg		0.29 mg/kg	0.000029 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.2 mg/kg		0.2 mg/kg	0.00002 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	11 mg/kg		11 mg/kg	0.0011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		53 mg/kg		53 mg/kg	0.0053 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.13 mg/kg		0.13 mg/kg	0.000013 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.4 mg/kg		0.4 mg/kg	0.00004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.28 mg/kg		0.28 mg/kg	0.000028 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.6 mg/kg		0.6 mg/kg	0.00006 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.6 mg/kg		2.6 mg/kg	0.00026 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.44	mg/kg		0.44	mg/kg	0.000044 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		240	mg/kg	1.252	300.426	mg/kg	0.03 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		1.4	mg/kg		1.4	mg/kg	0.00014 %		
21		fluorene		201-695-5	86-73-7		0.15	mg/kg		0.15	mg/kg	0.000015 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.12	mg/kg		0.12	mg/kg	0.000012 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	240	mg/kg		240	mg/kg	0.024 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.69	mg/kg		0.69	mg/kg	0.000069 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.51	mg/kg		0.51	mg/kg	0.000051 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	38	mg/kg		38	mg/kg	0.0038 %		
27		phenanthrene		201-581-5	85-01-8		1.3	mg/kg		1.3	mg/kg	0.00013 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		1.4	mg/kg		1.4	mg/kg	0.00014 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		1	mg/kg		1	mg/kg	0.0001 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		61	mg/kg	1.785	108.896	mg/kg	0.0109 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		300	mg/kg	1.245	373.414	mg/kg	0.0373 %		
											Total:	0.118 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH207[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH207[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	●	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	●	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<**LOD**
				TPH									
										Total:	0.001 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Classification of sample: GEO_BH207[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH207[3]
Sample Depth:
5.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5.9 mg/kg		5.9 mg/kg	0.00059 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.6 mg/kg	0.00016 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		190 mg/kg	1.462	277.696 mg/kg	0.0278 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		130 mg/kg	1.252	162.731 mg/kg	0.0163 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				1.3 mg/kg	1.884	2.449 mg/kg	0.000245 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	190 mg/kg		190 mg/kg	0.019 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.17 mg/kg		0.17 mg/kg	0.000017 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	25 mg/kg		25 mg/kg	0.0025 %		
12	monohydric phenols			P1186		0.4 mg/kg		0.4 mg/kg	0.00004 %		
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		1.3 mg/kg		1.3 mg/kg	0.00013 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				640	mg/kg	1.785	1142.518	mg/kg	0.114 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				88	mg/kg	1.245	109.535	mg/kg	0.011 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.194 %		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH207[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH207[4]
Sample Depth:
10.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.8 mg/kg		2.8 mg/kg	0.00028 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21 mg/kg		21 mg/kg	0.0021 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		3.9 mg/kg		3.9 mg/kg	0.00039 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.9 mg/kg		0.9 mg/kg	0.00009 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28 mg/kg	1.462	40.924 mg/kg	0.00409 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		160 mg/kg	1.252	200.284 mg/kg	0.02 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				9.1 mg/kg	1.884	17.144 mg/kg	0.00171 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	170 mg/kg		170 mg/kg	0.017 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.21 mg/kg		0.21 mg/kg	0.000021 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	45 mg/kg		45 mg/kg	0.0045 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				68	mg/kg	1.785	121.393	mg/kg	0.0121 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				140	mg/kg	1.245	174.26	mg/kg	0.0174 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0801 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH207[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH207[5]
Sample Depth:
13.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.1 mg/kg		0.1 mg/kg	0.00001 %		
2	acenaphthylene		205-917-1	208-96-8		0.08 mg/kg		0.08 mg/kg	0.000008 %		
3	anthracene		204-371-1	120-12-7		0.39 mg/kg		0.39 mg/kg	0.000039 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.1 mg/kg		2.1 mg/kg	0.00021 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		30 mg/kg		30 mg/kg	0.003 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.18 mg/kg		0.18 mg/kg	0.000018 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.45 mg/kg		0.45 mg/kg	0.000045 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.3 mg/kg		0.3 mg/kg	0.00003 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.57 mg/kg		0.57 mg/kg	0.000057 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.7 mg/kg		1.7 mg/kg	0.00017 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7 mg/kg		0.7 mg/kg	0.00007 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31 mg/kg	1.462	45.308 mg/kg	0.00453 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.41	mg/kg		0.41	mg/kg	0.000041 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				79	mg/kg	1.252	98.89	mg/kg	0.00989 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				18	mg/kg	1.884	33.912	mg/kg	0.00339 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
			205-912-4	206-44-0									
21		fluorene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	140	mg/kg		140	mg/kg	0.014 %		
		082-001-00-6											
24		mercury { mercury }				0.2	mg/kg		0.2	mg/kg	0.00002 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	35	mg/kg		35	mg/kg	0.0035 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			201-581-5	85-01-8									
28		monohydric phenols				1.5	mg/kg		1.5	mg/kg	0.00015 %		
				P1186									
29		pyrene				1.8	mg/kg		1.8	mg/kg	0.00018 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				41	mg/kg	1.785	73.193	mg/kg	0.00732 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				130	mg/kg	1.245	161.813	mg/kg	0.0162 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0637 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH208

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH208
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.03 mg/kg		0.03 mg/kg	0.000003 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.05 mg/kg		0.05 mg/kg	0.000005 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	8.9 mg/kg		8.9 mg/kg	0.00089 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		28 mg/kg		28 mg/kg	0.0028 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.07 mg/kg		0.07 mg/kg	0.000007 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.19 mg/kg		0.19 mg/kg	0.000019 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.14 mg/kg		0.14 mg/kg	0.000014 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.32 mg/kg		0.32 mg/kg	0.000032 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.8 mg/kg		1.8 mg/kg	0.00018 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1 mg/kg		1 mg/kg	0.0001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				220	mg/kg	1.252	275.391	mg/kg	0.0275 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	150	mg/kg		150	mg/kg	0.015 %		
		082-001-00-6											
24		mercury { mercury }				10	mg/kg		10	mg/kg	0.001 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	28	mg/kg		28	mg/kg	0.0028 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				0.55	mg/kg		0.55	mg/kg	0.000055 %		
			204-927-3	129-00-0									
30		selenium { selenium }				0.6	mg/kg		0.6	mg/kg	0.00006 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				48	mg/kg	1.785	85.689	mg/kg	0.00857 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				160	mg/kg	1.245	199.154	mg/kg	0.0199 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0819 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH208[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH208[2]
Sample Depth:
4.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.3 mg/kg		2.3 mg/kg	0.00023 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		25 mg/kg		25 mg/kg	0.0025 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.04 mg/kg		0.04 mg/kg	0.000004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.6 mg/kg	0.00016 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		130 mg/kg	1.252	162.731 mg/kg	0.0163 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.4	mg/kg	1.884	0.754	mg/kg	0.0000754 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	90	mg/kg		90	mg/kg	0.009 %		
		082-001-00-6											
23		mercury { mercury }				0.07	mg/kg		0.07	mg/kg	0.000007 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	30	mg/kg		30	mg/kg	0.003 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				38	mg/kg	1.785	67.837	mg/kg	0.00678 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				97	mg/kg	1.245	120.737	mg/kg	0.0121 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0542 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH208[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH208[3]
Sample Depth:
8.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.5 mg/kg		6.5 mg/kg	0.00065 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		36 mg/kg		36 mg/kg	0.0036 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2 mg/kg		2 mg/kg	0.0002 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	42.385 mg/kg	0.00424 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		220 mg/kg	1.252	275.391 mg/kg	0.0275 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.6 mg/kg	1.884	1.13 mg/kg	0.000113 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	160 mg/kg		160 mg/kg	0.016 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		17 mg/kg		17 mg/kg	0.0017 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	33 mg/kg		33 mg/kg	0.0033 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		0.7 mg/kg		0.7 mg/kg	0.00007 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				52	mg/kg	1.785	92.83	mg/kg	0.00928 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				140	mg/kg	1.245	174.26	mg/kg	0.0174 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0844 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH209

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH209
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.05 mg/kg		0.05 mg/kg	0.000005 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.6 mg/kg		3.6 mg/kg	0.00036 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		22 mg/kg		22 mg/kg	0.0022 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.04 mg/kg		0.04 mg/kg	0.000004 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.08 mg/kg		0.08 mg/kg	0.000008 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.05 mg/kg		0.05 mg/kg	0.000005 %		
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.1 mg/kg		2.1 mg/kg	0.00021 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		0.11 mg/kg		0.11 mg/kg	0.000011 %		
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		130 mg/kg	1.252	162.731 mg/kg	0.0163 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	100	mg/kg		100	mg/kg	0.01 %		
		082-001-00-6											
23		mercury { mercury }				0.48	mg/kg		0.48	mg/kg	0.000048 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	37	mg/kg		37	mg/kg	0.0037 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				50	mg/kg	1.785	89.259	mg/kg	0.00893 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				160	mg/kg	1.245	199.154	mg/kg	0.0199 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.064 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH209[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH209[2]
Sample Depth:
2.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.4 mg/kg		6.4 mg/kg	0.00064 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.2 mg/kg	1.462	13.446 mg/kg	0.00134 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		18 mg/kg	1.252	22.532 mg/kg	0.00225 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	9.4 mg/kg		9.4 mg/kg	0.00094 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	12 mg/kg		12 mg/kg	0.0012 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				12	mg/kg	1.785	21.422	mg/kg	0.00214 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				32	mg/kg	1.245	39.831	mg/kg	0.00398 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0129 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH210

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH210
Sample Depth:
4.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.9 mg/kg		2.9 mg/kg	0.00029 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21 mg/kg		21 mg/kg	0.0021 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		7.8 mg/kg	1.462	11.4 mg/kg	0.00114 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		210 mg/kg	1.252	262.873 mg/kg	0.0263 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	260 mg/kg		260 mg/kg	0.026 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.15 mg/kg		0.15 mg/kg	0.000015 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	34 mg/kg		34 mg/kg	0.0034 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		0.7 mg/kg		0.7 mg/kg	0.00007 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				38	mg/kg	1.245	47.299	mg/kg	0.00473 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0702 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH210[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH210[2]
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.96 mg/kg		0.96 mg/kg	0.000096 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.41 mg/kg		0.41 mg/kg	0.000041 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.6 mg/kg		1.6 mg/kg	0.00016 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.8 mg/kg		7.8 mg/kg	0.00078 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.09 mg/kg		0.09 mg/kg	0.000009 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.28 mg/kg		0.28 mg/kg	0.000028 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.18 mg/kg		0.18 mg/kg	0.000018 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.35 mg/kg		0.35 mg/kg	0.000035 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				30	mg/kg	1.252	37.553	mg/kg	0.00376 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			205-912-4	206-44-0									
21		fluorene				0.59	mg/kg		0.59	mg/kg	0.000059 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	29	mg/kg		29	mg/kg	0.0029 %		
		082-001-00-6											
24		mercury { mercury }				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	29	mg/kg		29	mg/kg	0.0029 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				2.7	mg/kg		2.7	mg/kg	0.00027 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.3	mg/kg		0.3	mg/kg	0.00003 %		
				P1186									
29		pyrene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				51	mg/kg	1.245	63.48	mg/kg	0.00635 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.026 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH211A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH211A
Sample Depth:
2.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.05 mg/kg		0.05 mg/kg	0.000005 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.2 mg/kg		6.2 mg/kg	0.00062 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21 mg/kg		21 mg/kg	0.0021 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.04 mg/kg		0.04 mg/kg	0.000004 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.09 mg/kg		0.09 mg/kg	0.000009 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.05 mg/kg		0.05 mg/kg	0.000005 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.13 mg/kg		0.13 mg/kg	0.000013 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.8 mg/kg		1.8 mg/kg	0.00018 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				190	mg/kg	1.252	237.838	mg/kg	0.0238 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				2.9	mg/kg	1.884	5.464	mg/kg	0.000546 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	490	mg/kg		490	mg/kg	0.049 %		
		082-001-00-6											
24		mercury { mercury }				0.28	mg/kg		0.28	mg/kg	0.000028 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	29	mg/kg		29	mg/kg	0.0029 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
			204-927-3	129-00-0									
30		selenium { selenium }				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				43	mg/kg	1.785	76.763	mg/kg	0.00768 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				120	mg/kg	1.245	149.366	mg/kg	0.0149 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.104 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH211A[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH211A[2]
Sample Depth:
5.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.05 mg/kg		0.05 mg/kg	0.000005 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	11 mg/kg		11 mg/kg	0.0011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		35 mg/kg		35 mg/kg	0.0035 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.05 mg/kg		0.05 mg/kg	0.000005 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.1 mg/kg		0.1 mg/kg	0.00001 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.06 mg/kg		0.06 mg/kg	0.000006 %		
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2 mg/kg		2 mg/kg	0.0002 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		0.13 mg/kg		0.13 mg/kg	0.000013 %		
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		410 mg/kg	1.252	513.228 mg/kg	0.0513 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				2.5	mg/kg	1.884	4.71	mg/kg	0.000471 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	600	mg/kg		600	mg/kg	0.06 %		
		082-001-00-6											
23		mercury { mercury }				0.95	mg/kg		0.95	mg/kg	0.000095 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	37	mg/kg		37	mg/kg	0.0037 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			204-927-3	129-00-0									
29		selenium { selenium }				0.9	mg/kg		0.9	mg/kg	0.00009 %		
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				50	mg/kg	1.785	89.259	mg/kg	0.00893 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				140	mg/kg	1.245	174.26	mg/kg	0.0174 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.15 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH211A[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH211A[3]
Sample Depth:
9 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	7 mg/kg		7 mg/kg	0.0007 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		50 mg/kg		50 mg/kg	0.005 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		2 mg/kg	5.719	11.438 mg/kg	0.00114 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		470 mg/kg	1.462	686.931 mg/kg	0.0687 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		230 mg/kg	1.252	287.909 mg/kg	0.0288 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				47 mg/kg	1.884	88.548 mg/kg	0.00885 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	460 mg/kg		460 mg/kg	0.046 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.2 mg/kg		1.2 mg/kg	0.00012 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	28 mg/kg		28 mg/kg	0.0028 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		0.8 mg/kg		0.8 mg/kg	0.00008 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				130	mg/kg	1.245	161.813	mg/kg	0.0162 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.183 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH211A[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH211A[4]
Sample Depth:
10.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.5 mg/kg		2.5 mg/kg	0.00025 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		40 mg/kg		40 mg/kg	0.004 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		110 mg/kg	1.462	160.771 mg/kg	0.0161 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		78 mg/kg	1.252	97.639 mg/kg	0.00976 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				12	mg/kg	1.884	22.608	mg/kg	0.00226 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
20		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	180	mg/kg		180	mg/kg	0.018 %		
		082-001-00-6											
23		mercury { mercury }				0.87	mg/kg		0.87	mg/kg	0.000087 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	17	mg/kg		17	mg/kg	0.0017 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				120	mg/kg	1.245	149.366	mg/kg	0.0149 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.071 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH212

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH212
Sample Depth:
0.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.46 mg/kg		0.46 mg/kg	0.000046 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.89 mg/kg		0.89 mg/kg	0.000089 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5.6 mg/kg		5.6 mg/kg	0.00056 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		32 mg/kg		32 mg/kg	0.0032 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.28 mg/kg		0.28 mg/kg	0.000028 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.2 mg/kg		1.2 mg/kg	0.00012 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.6 mg/kg		0.6 mg/kg	0.00006 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1.4 mg/kg		1.4 mg/kg	0.00014 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.4 mg/kg		1.4 mg/kg	0.00014 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				260	mg/kg	1.252	325.462	mg/kg	0.0325 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.9	mg/kg	1.884	1.696	mg/kg	0.00017 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				3.8	mg/kg		3.8	mg/kg	0.00038 %		
			205-912-4	206-44-0									
21		fluorene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	430	mg/kg		430	mg/kg	0.043 %		
		082-001-00-6											
24		mercury { mercury }				0.88	mg/kg		0.88	mg/kg	0.000088 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	42	mg/kg		42	mg/kg	0.0042 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				3.8	mg/kg		3.8	mg/kg	0.00038 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				3.2	mg/kg		3.2	mg/kg	0.00032 %		
			204-927-3	129-00-0									
30		selenium { selenium }				1.8	mg/kg		1.8	mg/kg	0.00018 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				50	mg/kg	1.785	89.259	mg/kg	0.00893 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				1500	mg/kg	1.245	1867.071	mg/kg	0.187 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.286 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH212[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH212[2]
Sample Depth:
2.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.1 mg/kg		6.1 mg/kg	0.00061 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.6 mg/kg	0.00016 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		80 mg/kg	1.252	100.142 mg/kg	0.01 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.3 mg/kg	1.884	0.565 mg/kg	0.0000565 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	850 mg/kg		850 mg/kg	0.085 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.3 mg/kg		0.3 mg/kg	0.00003 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	21 mg/kg		21 mg/kg	0.0021 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		0.6 mg/kg		0.6 mg/kg	0.00006 %		

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				35 mg/kg	1.785	62.481 mg/kg	0.00625 %		
		023-001-00-8	215-239-8	1314-62-1							
15		zinc { zinc oxide }				210 mg/kg	1.245	261.39 mg/kg	0.0261 %		
		030-013-00-7	215-222-5	1314-13-2							
								Total:	0.133 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH212A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH212A
Sample Depth:
0.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		3.1 mg/kg		3.1 mg/kg	0.00031 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		3.2 mg/kg		3.2 mg/kg	0.00032 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.7 mg/kg		4.7 mg/kg	0.00047 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		26 mg/kg		26 mg/kg	0.0026 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.83 mg/kg		0.83 mg/kg	0.000083 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		2.9 mg/kg		2.9 mg/kg	0.00029 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.8 mg/kg		1.8 mg/kg	0.00018 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		3.53 mg/kg		3.53 mg/kg	0.000353 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7 mg/kg		0.7 mg/kg	0.00007 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				3	mg/kg		3	mg/kg	0.0003 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				210	mg/kg	1.252	262.873	mg/kg	0.0263 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				3.1	mg/kg	1.884	5.84	mg/kg	0.000584 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				12	mg/kg		12	mg/kg	0.0012 %		
			205-912-4	206-44-0									
21		fluorene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.66	mg/kg		0.66	mg/kg	0.000066 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	370	mg/kg		370	mg/kg	0.037 %		
		082-001-00-6											
24		mercury { mercury }				0.45	mg/kg		0.45	mg/kg	0.000045 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	26	mg/kg		26	mg/kg	0.0026 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				15	mg/kg		15	mg/kg	0.0015 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.3	mg/kg		0.3	mg/kg	0.00003 %		
				P1186									
29		pyrene				10	mg/kg		10	mg/kg	0.001 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				36	mg/kg	1.785	64.267	mg/kg	0.00643 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				160	mg/kg	1.245	199.154	mg/kg	0.0199 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.105 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH213

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH213
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		19 mg/kg		19 mg/kg	0.0019 %		
2	acenaphthylene		205-917-1	208-96-8		0.44 mg/kg		0.44 mg/kg	0.000044 %		
3	anthracene		204-371-1	120-12-7		24 mg/kg		24 mg/kg	0.0024 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.9 mg/kg		2.9 mg/kg	0.00029 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		16 mg/kg		16 mg/kg	0.0016 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		43 mg/kg		43 mg/kg	0.0043 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		26 mg/kg		26 mg/kg	0.0026 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		54 mg/kg		54 mg/kg	0.0054 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				50	mg/kg		50	mg/kg	0.005 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				91	mg/kg	1.252	113.912	mg/kg	0.0114 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				5	mg/kg		5	mg/kg	0.0005 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				120	mg/kg		120	mg/kg	0.012 %		
			205-912-4	206-44-0									
21		fluorene				15	mg/kg		15	mg/kg	0.0015 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				14	mg/kg		14	mg/kg	0.0014 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	100	mg/kg		100	mg/kg	0.01 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				7	mg/kg		7	mg/kg	0.0007 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	25	mg/kg		25	mg/kg	0.0025 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				110	mg/kg		110	mg/kg	0.011 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.8	mg/kg		0.8	mg/kg	0.00008 %		
				P1186									
29		pyrene				110	mg/kg		110	mg/kg	0.011 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				100	mg/kg	1.245	124.471	mg/kg	0.0124 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.107 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH214

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH214
Sample Depth:
1.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.12 mg/kg		0.12 mg/kg	0.000012 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.2 mg/kg		2.2 mg/kg	0.00022 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		20 mg/kg		20 mg/kg	0.002 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.03 mg/kg		0.03 mg/kg	0.000003 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.15 mg/kg		0.15 mg/kg	0.000015 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.08 mg/kg		0.08 mg/kg	0.000008 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.16 mg/kg		0.16 mg/kg	0.000016 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.7 mg/kg		1.7 mg/kg	0.00017 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				94	mg/kg	1.252	117.667	mg/kg	0.0118 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.55	mg/kg		0.55	mg/kg	0.000055 %		
			205-912-4	206-44-0									
21		fluorene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	870	mg/kg		870	mg/kg	0.087 %		
		082-001-00-6											
24		mercury { mercury }				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	29	mg/kg		29	mg/kg	0.0029 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.76	mg/kg		0.76	mg/kg	0.000076 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				65	mg/kg	1.245	80.906	mg/kg	0.00809 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.121 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH214A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH214A
Sample Depth:
2.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.04 mg/kg		0.04 mg/kg	0.000004 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		17 mg/kg		17 mg/kg	0.0017 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.08 mg/kg		0.08 mg/kg	0.000008 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.1 mg/kg		0.1 mg/kg	0.00001 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.08 mg/kg		0.08 mg/kg	0.000008 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.18 mg/kg		0.18 mg/kg	0.000018 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.6 mg/kg	1.462	12.569 mg/kg	0.00126 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				150	mg/kg	1.252	187.766	mg/kg	0.0188 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	520	mg/kg		520	mg/kg	0.052 %		
		082-001-00-6											
24		mercury { mercury }				0.24	mg/kg		0.24	mg/kg	0.000024 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	18	mg/kg		18	mg/kg	0.0018 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				48	mg/kg	1.245	59.746	mg/kg	0.00597 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0862 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH215

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH215
Sample Depth:
2.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.5 mg/kg		7.5 mg/kg	0.00075 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		28 mg/kg	1.252	35.05 mg/kg	0.0035 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	12 mg/kg		12 mg/kg	0.0012 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	31 mg/kg		31 mg/kg	0.0031 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				29	mg/kg	1.785	51.77	mg/kg	0.00518 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				59	mg/kg	1.245	73.438	mg/kg	0.00734 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0255 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH215[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH215[2]
Sample Depth:
1.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		1.9 mg/kg		1.9 mg/kg	0.00019 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.03 mg/kg		0.03 mg/kg	0.000003 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.3 mg/kg		0.3 mg/kg	0.00003 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		6.2 mg/kg	1.462	9.062 mg/kg	0.000906 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		0.03 mg/kg		0.03 mg/kg	0.000003 %		
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		13 mg/kg	1.252	16.273 mg/kg	0.00163 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	12	mg/kg		12	mg/kg	0.0012 %		
		082-001-00-6											
23		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	9.8	mg/kg		9.8	mg/kg	0.00098 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				7	mg/kg	1.785	12.496	mg/kg	0.00125 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				27	mg/kg	1.245	33.607	mg/kg	0.00336 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0104 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP201

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP201

Sample Depth:
2 m

LoW Code:

Chapter:
17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry:
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5.7 mg/kg		5.7 mg/kg	0.00057 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		20 mg/kg	1.252	25.036 mg/kg	0.0025 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	22 mg/kg		22 mg/kg	0.0022 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.64 mg/kg		0.64 mg/kg	0.000064 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	21 mg/kg		21 mg/kg	0.0021 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				20 mg/kg	1.785	35.704 mg/kg	0.00357 %		
		023-001-00-8	215-239-8	1314-62-1							
15		zinc { zinc oxide }				43 mg/kg	1.245	53.523 mg/kg	0.00535 %		
		030-013-00-7	215-222-5	1314-13-2							
								Total:	0.0194 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP201[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP201[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		acenaphthene 201-469-6 / 83-32-9		0.46 mg/kg		0.46 mg/kg	0.000046 %		
2		acenaphthylene 205-917-1 / 208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3		anthracene 204-371-1 / 120-12-7		0.34 mg/kg		0.34 mg/kg	0.000034 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex } 051-003-00-9	1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5		arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		6.8 mg/kg		6.8 mg/kg	0.00068 %		
6		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene 205-883-8 / 191-24-2		0.15 mg/kg		0.15 mg/kg	0.000015 %		
8		benzo[a]anthracene 601-033-00-9 / 200-280-6 / 56-55-3		0.43 mg/kg		0.43 mg/kg	0.000043 %		
9		benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 / 200-028-5 / 50-32-8		0.32 mg/kg		0.32 mg/kg	0.000032 %		
10		benzo[bk]fluoranthene [1] 205-911-9 [2] 205-916-6 / [1] 205-99-2 [2] 207-08-9		0.61 mg/kg		0.61 mg/kg	0.000061 %		
11		beryllium { beryllium } 004-001-00-7 / 231-150-7 / 7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
12		boron { boric acid; [1] boric acid [2] } 005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]		<0.2 mg/kg	5.719	<1.144 mg/kg	<0.000114 %		<**LOD**
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex 048-001-00-5	1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14		chromium { chromium(III) oxide (worst case) } 215-160-9 / 1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.55	mg/kg		0.55	mg/kg	0.000055 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				32	mg/kg	1.252	40.057	mg/kg	0.00401 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			205-912-4	206-44-0									
21		fluorene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	33	mg/kg		33	mg/kg	0.0033 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.61	mg/kg		0.61	mg/kg	0.000061 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	16	mg/kg		16	mg/kg	0.0016 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				2	mg/kg		2	mg/kg	0.0002 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				77	mg/kg	1.245	95.843	mg/kg	0.00958 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0253 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP202

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP202
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		1 mg/kg		1 mg/kg	0.0001 %		
2	acenaphthylene		205-917-1	208-96-8		0.04 mg/kg		0.04 mg/kg	0.000004 %		
3	anthracene		204-371-1	120-12-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.5 mg/kg		6.5 mg/kg	0.00065 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		23 mg/kg		23 mg/kg	0.0023 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		1.3 mg/kg		1.3 mg/kg	0.00013 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		3 mg/kg		3 mg/kg	0.0003 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2.5 mg/kg		2.5 mg/kg	0.00025 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		5 mg/kg		5 mg/kg	0.0005 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.9 mg/kg		1.9 mg/kg	0.00019 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<0.2 mg/kg	5.719	<1.144 mg/kg	<0.000114 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.5 mg/kg		1.5 mg/kg	0.00015 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				3.5	mg/kg		3.5	mg/kg	0.00035 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				300	mg/kg	1.252	375.533	mg/kg	0.0376 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.8	mg/kg	1.884	1.507	mg/kg	0.000151 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				9.1	mg/kg		9.1	mg/kg	0.00091 %		
			205-912-4	206-44-0									
21		fluorene				0.53	mg/kg		0.53	mg/kg	0.000053 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				1	mg/kg		1	mg/kg	0.0001 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	460	mg/kg		460	mg/kg	0.046 %		
		082-001-00-6											
24		mercury { mercury }				0.28	mg/kg		0.28	mg/kg	0.000028 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	44	mg/kg		44	mg/kg	0.0044 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				5.8	mg/kg		5.8	mg/kg	0.00058 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.4	mg/kg		0.4	mg/kg	0.00004 %		
				P1186									
29		pyrene				8.4	mg/kg		8.4	mg/kg	0.00084 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				53	mg/kg	1.785	94.615	mg/kg	0.00946 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				270	mg/kg	1.245	336.073	mg/kg	0.0336 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.143 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP202C

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP202C
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.61 mg/kg		0.61 mg/kg	0.000061 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.52 mg/kg		0.52 mg/kg	0.000052 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.28 mg/kg		0.28 mg/kg	0.000028 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.79 mg/kg		0.79 mg/kg	0.000079 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.52 mg/kg		0.52 mg/kg	0.000052 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1.8 mg/kg		1.8 mg/kg	0.00018 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7 mg/kg		0.7 mg/kg	0.00007 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.91	mg/kg		0.91	mg/kg	0.000091 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				100	mg/kg	1.252	125.178	mg/kg	0.0125 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				3.2	mg/kg		3.2	mg/kg	0.00032 %		
			205-912-4	206-44-0									
21		fluorene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	110	mg/kg		110	mg/kg	0.011 %		
		082-001-00-6											
24		mercury { mercury }				0.07	mg/kg		0.07	mg/kg	0.000007 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	19	mg/kg		19	mg/kg	0.0019 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
			201-581-5	85-01-8									
28		monohydric phenols				2.1	mg/kg		2.1	mg/kg	0.00021 %		
				P1186									
29		pyrene				2.7	mg/kg		2.7	mg/kg	0.00027 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	49.985	mg/kg	0.005 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				200	mg/kg	1.245	248.943	mg/kg	0.0249 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0608 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP203

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP203
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5.8 mg/kg		5.8 mg/kg	0.00058 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		13 mg/kg	1.252	16.273 mg/kg	0.00163 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	10	mg/kg		10	mg/kg	0.001 %		
		082-001-00-6											
23		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	25	mg/kg		25	mg/kg	0.0025 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				32	mg/kg	1.245	39.831	mg/kg	0.00398 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0163 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP203[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP203[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9 mg/kg		9 mg/kg	0.0009 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		29 mg/kg	1.252	36.302 mg/kg	0.00363 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				1	mg/kg	1.884	1.884	mg/kg	0.000188 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	16	mg/kg		16	mg/kg	0.0016 %		
		082-001-00-6											
23		mercury { mercury }				0.42	mg/kg		0.42	mg/kg	0.000042 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	21	mg/kg		21	mg/kg	0.0021 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
29		selenium { selenium }				0.8	mg/kg		0.8	mg/kg	0.00008 %		
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				46	mg/kg	1.245	57.257	mg/kg	0.00573 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0212 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP203[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP203[3]
Sample Depth:
4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.5 mg/kg		7.5 mg/kg	0.00075 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		25 mg/kg	1.252	31.294 mg/kg	0.00313 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	16 mg/kg		16 mg/kg	0.0016 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.46 mg/kg		0.46 mg/kg	0.000046 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	27 mg/kg		27 mg/kg	0.0027 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				54	mg/kg	1.245	67.215	mg/kg	0.00672 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.023 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP204

Unknown. Chemistry data not provided.
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample name:
GEO_TP204
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
								Total:	0%		

Key

User supplied data

Classification of sample: GEO_TP204[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP204[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.7 mg/kg		4.7 mg/kg	0.00047 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		0.03 mg/kg		0.03 mg/kg	0.000003 %		
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.03 mg/kg		0.03 mg/kg	0.000003 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		25 mg/kg	1.252	31.294 mg/kg	0.00313 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.02	mg/kg		0.02	mg/kg	0.000002 %		
19		fluoranthene		205-912-4	206-44-0		0.03	mg/kg		0.03	mg/kg	0.000003 %		
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	11	mg/kg		11	mg/kg	0.0011 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		naphthalene	601-052-00-2	202-049-5	91-20-3		0.02	mg/kg		0.02	mg/kg	0.000002 %		
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	19	mg/kg		19	mg/kg	0.0019 %		
26		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
28		pyrene		204-927-3	129-00-0		0.06	mg/kg		0.06	mg/kg	0.000006 %		
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		14	mg/kg	1.785	24.993	mg/kg	0.0025 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		40	mg/kg	1.245	49.789	mg/kg	0.00498 %		
											Total:	0.0163 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

benzene: (conc.: 3.0e-06%)

ethylbenzene: (conc.: 2.0e-06%)

Classification of sample: GEO_TP205

Unknown. Chemistry data not provided.
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample name:
GEO_TP205
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
								Total:	0%		

Key

User supplied data

Classification of sample: GEO_TP205[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP205[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	●	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	●	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<**LOD**
				TPH									
										Total:	0.001 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Classification of sample: GEO_TP205[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP205[3]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.5 mg/kg		1.5 mg/kg	0.00015 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.3 mg/kg		9.3 mg/kg	0.00093 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		38 mg/kg	1.252	47.568 mg/kg	0.00476 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	43	mg/kg		43	mg/kg	0.0043 %		
		082-001-00-6											
23		mercury { mercury }				0.19	mg/kg		0.19	mg/kg	0.000019 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	32	mg/kg		32	mg/kg	0.0032 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	49.985	mg/kg	0.005 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				63	mg/kg	1.245	78.417	mg/kg	0.00784 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0303 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP206

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP206
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		1.1 mg/kg		1.1 mg/kg	0.00011 %		
2	acenaphthylene		205-917-1	208-96-8		0.42 mg/kg		0.42 mg/kg	0.000042 %		
3	anthracene		204-371-1	120-12-7		3.5 mg/kg		3.5 mg/kg	0.00035 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.7 mg/kg		3.7 mg/kg	0.00037 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21 mg/kg		21 mg/kg	0.0021 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		2.6 mg/kg		2.6 mg/kg	0.00026 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		5.3 mg/kg		5.3 mg/kg	0.00053 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		5.6 mg/kg		5.6 mg/kg	0.00056 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		5.8 mg/kg		5.8 mg/kg	0.00058 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.1 mg/kg		1.1 mg/kg	0.00011 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				4.8	mg/kg		4.8	mg/kg	0.00048 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				130	mg/kg	1.252	162.731	mg/kg	0.0163 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				2.2	mg/kg	1.884	4.145	mg/kg	0.000414 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				10	mg/kg		10	mg/kg	0.001 %		
			205-912-4	206-44-0									
21		fluorene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	200	mg/kg		200	mg/kg	0.02 %		
		082-001-00-6											
24		mercury { mercury }				0.41	mg/kg		0.41	mg/kg	0.000041 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	27	mg/kg		27	mg/kg	0.0027 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				14	mg/kg		14	mg/kg	0.0014 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				18	mg/kg		18	mg/kg	0.0018 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				200	mg/kg	1.245	248.943	mg/kg	0.0249 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0838 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP206A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP206A
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.45 mg/kg		0.45 mg/kg	0.000045 %		
2	acenaphthylene		205-917-1	208-96-8		0.37 mg/kg		0.37 mg/kg	0.000037 %		
3	anthracene		204-371-1	120-12-7		0.55 mg/kg		0.55 mg/kg	0.000055 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.7 mg/kg		1.7 mg/kg	0.00017 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.51 mg/kg		0.51 mg/kg	0.000051 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.65 mg/kg		0.65 mg/kg	0.000065 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.61 mg/kg		0.61 mg/kg	0.000061 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.73 mg/kg		0.73 mg/kg	0.000073 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.1 mg/kg		1.1 mg/kg	0.00011 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.72	mg/kg		0.72	mg/kg	0.000072 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				94	mg/kg	1.252	117.667	mg/kg	0.0118 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			205-912-4	206-44-0									
21		fluorene				0.75	mg/kg		0.75	mg/kg	0.000075 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	27	mg/kg		27	mg/kg	0.0027 %		
		082-001-00-6											
24		mercury { mercury }				0.35	mg/kg		0.35	mg/kg	0.000035 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.74	mg/kg		0.74	mg/kg	0.000074 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	38	mg/kg		38	mg/kg	0.0038 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				3.2	mg/kg		3.2	mg/kg	0.00032 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				3.7	mg/kg		3.7	mg/kg	0.00037 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				31	mg/kg	1.785	55.341	mg/kg	0.00553 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				67	mg/kg	1.245	83.396	mg/kg	0.00834 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0393 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP207

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP207
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.7 mg/kg		4.7 mg/kg	0.00047 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		18 mg/kg	1.252	22.532 mg/kg	0.00225 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	12	mg/kg		12	mg/kg	0.0012 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	17	mg/kg		17	mg/kg	0.0017 %		
26		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
31		TPH (C6 to C40) petroleum group			TPH		<10	mg/kg		<10	mg/kg	<0.001 %		<**LOD**
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		15	mg/kg	1.785	26.778	mg/kg	0.00268 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		45	mg/kg	1.245	56.012	mg/kg	0.0056 %		
											Total:	0.0173 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP208

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP208
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		26 mg/kg		26 mg/kg	0.0026 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.14 mg/kg		0.14 mg/kg	0.000014 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.08 mg/kg		0.08 mg/kg	0.000008 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.12 mg/kg		0.12 mg/kg	0.000012 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.2 mg/kg		0.2 mg/kg	0.00002 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				37	mg/kg	1.252	46.316	mg/kg	0.00463 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	67	mg/kg		67	mg/kg	0.0067 %		
		082-001-00-6											
24		mercury { mercury }				0.41	mg/kg		0.41	mg/kg	0.000041 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	33	mg/kg		33	mg/kg	0.0033 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			204-927-3	129-00-0									
30		selenium { selenium }				0.6	mg/kg		0.6	mg/kg	0.00006 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				130	mg/kg	1.245	161.813	mg/kg	0.0162 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0409 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP208[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP208[2]
Sample Depth:
4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		10 mg/kg		10 mg/kg	0.001 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		30 mg/kg	1.252	37.553 mg/kg	0.00376 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	61 mg/kg		61 mg/kg	0.0061 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.21 mg/kg		0.21 mg/kg	0.000021 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	15 mg/kg		15 mg/kg	0.0015 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				19 mg/kg	1.785	33.919 mg/kg	0.00339 %		
		023-001-00-8	215-239-8	1314-62-1							
15		zinc { zinc oxide }				45 mg/kg	1.245	56.012 mg/kg	0.0056 %		
		030-013-00-7	215-222-5	1314-13-2							
								Total:	0.0234 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP209

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP209
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		0.04 mg/kg		0.04 mg/kg	0.000004 %		
3	anthracene		204-371-1	120-12-7		0.11 mg/kg		0.11 mg/kg	0.000011 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.8 mg/kg		4.8 mg/kg	0.00048 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.27 mg/kg		0.27 mg/kg	0.000027 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.55 mg/kg		0.55 mg/kg	0.000055 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.58 mg/kg		0.58 mg/kg	0.000058 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.81 mg/kg		0.81 mg/kg	0.000081 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.1 mg/kg	1.462	13.3 mg/kg	0.00133 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.56	mg/kg		0.56	mg/kg	0.000056 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				35	mg/kg	1.252	43.812	mg/kg	0.00438 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	58	mg/kg		58	mg/kg	0.0058 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	8.1	mg/kg		8.1	mg/kg	0.00081 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		**<LOD**
				P1186									
29		pyrene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				15	mg/kg	1.785	26.778	mg/kg	0.00268 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				56	mg/kg	1.245	69.704	mg/kg	0.00697 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0241 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP210

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP210
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.8 mg/kg		6.8 mg/kg	0.00068 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		22 mg/kg	1.252	27.539 mg/kg	0.00275 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	18 mg/kg		18 mg/kg	0.0018 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.47 mg/kg		0.47 mg/kg	0.000047 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	21 mg/kg		21 mg/kg	0.0021 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				42	mg/kg	1.245	52.278	mg/kg	0.00523 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0186 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP210[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP210[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		1.2 mg/kg		1.2 mg/kg	0.00012 %		
2	acenaphthylene		205-917-1	208-96-8		0.11 mg/kg		0.11 mg/kg	0.000011 %		
3	anthracene		204-371-1	120-12-7		1.8 mg/kg		1.8 mg/kg	0.00018 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3.8 mg/kg		3.8 mg/kg	0.00038 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		3.4 mg/kg		3.4 mg/kg	0.00034 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		5.2 mg/kg		5.2 mg/kg	0.00052 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		5.6 mg/kg		5.6 mg/kg	0.00056 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		9.5 mg/kg		9.5 mg/kg	0.00095 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		4.8 mg/kg	1.462	7.015 mg/kg	0.000702 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				5.2	mg/kg		5.2	mg/kg	0.00052 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				9.9	mg/kg	1.252	12.393	mg/kg	0.00124 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.76	mg/kg		0.76	mg/kg	0.000076 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				12	mg/kg		12	mg/kg	0.0012 %		
			205-912-4	206-44-0									
21		fluorene				0.8	mg/kg		0.8	mg/kg	0.00008 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	9.6	mg/kg		9.6	mg/kg	0.00096 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	6.6	mg/kg		6.6	mg/kg	0.00066 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				5.8	mg/kg		5.8	mg/kg	0.00058 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				11	mg/kg		11	mg/kg	0.0011 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				8.4	mg/kg	1.785	14.996	mg/kg	0.0015 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				27	mg/kg	1.245	33.607	mg/kg	0.00336 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0157 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP210[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP210[3]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.31 mg/kg		0.31 mg/kg	0.000031 %		
2	acenaphthylene		205-917-1	208-96-8		0.09 mg/kg		0.09 mg/kg	0.000009 %		
3	anthracene		204-371-1	120-12-7		0.62 mg/kg		0.62 mg/kg	0.000062 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	28 mg/kg		28 mg/kg	0.0028 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		13 mg/kg		13 mg/kg	0.0013 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.64 mg/kg		0.64 mg/kg	0.000064 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.2 mg/kg		1.2 mg/kg	0.00012 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1 mg/kg		1 mg/kg	0.0001 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1.82 mg/kg		1.82 mg/kg	0.000182 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7 mg/kg		0.7 mg/kg	0.00007 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				92	mg/kg	1.252	115.163	mg/kg	0.0115 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.4	mg/kg	1.884	0.754	mg/kg	0.0000754 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				3.6	mg/kg		3.6	mg/kg	0.00036 %		
			205-912-4	206-44-0									
21		fluorene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	420	mg/kg		420	mg/kg	0.042 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	17	mg/kg		17	mg/kg	0.0017 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				3.1	mg/kg		3.1	mg/kg	0.00031 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				3.7	mg/kg		3.7	mg/kg	0.00037 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				31	mg/kg	1.785	55.341	mg/kg	0.00553 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				220	mg/kg	1.245	273.837	mg/kg	0.0274 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0974 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP211

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP211
Sample Depth:
3.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.5 mg/kg		6.5 mg/kg	0.00065 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		18 mg/kg	1.252	22.532 mg/kg	0.00225 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	9.8 mg/kg		9.8 mg/kg	0.00098 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.45 mg/kg		0.45 mg/kg	0.000045 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	17 mg/kg		17 mg/kg	0.0017 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				22	mg/kg	1.785	39.274	mg/kg	0.00393 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				37	mg/kg	1.245	46.054	mg/kg	0.00461 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0176 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP211[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP211[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.04 mg/kg		0.04 mg/kg	0.000004 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.4 mg/kg		4.4 mg/kg	0.00044 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.04 mg/kg		0.04 mg/kg	0.000004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		0.05 mg/kg		0.05 mg/kg	0.000005 %		
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		160 mg/kg	1.252	200.284 mg/kg	0.02 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	150	mg/kg		150	mg/kg	0.015 %		
		082-001-00-6											
23		mercury { mercury }				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	33	mg/kg		33	mg/kg	0.0033 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				110	mg/kg	1.245	136.919	mg/kg	0.0137 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0638 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP211[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP211[3]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	•	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	•	TPH (C6 to C40) petroleum group				19	mg/kg		19	mg/kg	0.0019 %		
				TPH									
										Total:	0.0019 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0019%)

Classification of sample: GEO_TP212

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP212	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	●	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	●	TPH (C6 to C40) petroleum group				83	mg/kg		83	mg/kg	0.0083 %		
				TPH									
										Total:	0.0083 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0083%)

Classification of sample: GEO_TP212[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP212[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.88 mg/kg		0.88 mg/kg	0.000088 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.86 mg/kg		0.86 mg/kg	0.000086 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.1 mg/kg		2.1 mg/kg	0.00021 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		89 mg/kg		89 mg/kg	0.0089 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.19 mg/kg		0.19 mg/kg	0.000019 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1 mg/kg		1 mg/kg	0.0001 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.5 mg/kg		0.5 mg/kg	0.00005 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.98 mg/kg		0.98 mg/kg	0.000098 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1 mg/kg		1 mg/kg	0.0001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		7.9 mg/kg	1.462	11.546 mg/kg	0.00115 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				120	mg/kg	1.252	150.213	mg/kg	0.015 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				3.8	mg/kg		3.8	mg/kg	0.00038 %		
			205-912-4	206-44-0									
21		fluorene				0.59	mg/kg		0.59	mg/kg	0.000059 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	110	mg/kg		110	mg/kg	0.011 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				5.7	mg/kg		5.7	mg/kg	0.00057 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	33	mg/kg		33	mg/kg	0.0033 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				5.2	mg/kg		5.2	mg/kg	0.00052 %		
			201-581-5	85-01-8									
28		monohydric phenols				1.2	mg/kg		1.2	mg/kg	0.00012 %		
				P1186									
29		pyrene				3.1	mg/kg		3.1	mg/kg	0.00031 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				530	mg/kg	1.245	659.698	mg/kg	0.066 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.113 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP212[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP212[3]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.15 mg/kg		0.15 mg/kg	0.000015 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.16 mg/kg		0.16 mg/kg	0.000016 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.7 mg/kg		3.7 mg/kg	0.00037 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		40 mg/kg		40 mg/kg	0.004 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.07 mg/kg		0.07 mg/kg	0.000007 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.23 mg/kg		0.23 mg/kg	0.000023 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.13 mg/kg		0.13 mg/kg	0.000013 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.25 mg/kg		0.25 mg/kg	0.000025 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	2.2 mg/kg		2.2 mg/kg	0.00022 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				170	mg/kg	1.252	212.802	mg/kg	0.0213 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.87	mg/kg		0.87	mg/kg	0.000087 %		
			205-912-4	206-44-0									
21		fluorene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	160	mg/kg		160	mg/kg	0.016 %		
		082-001-00-6											
24		mercury { mercury }				0.26	mg/kg		0.26	mg/kg	0.000026 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.63	mg/kg		0.63	mg/kg	0.000063 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	33	mg/kg		33	mg/kg	0.0033 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.98	mg/kg		0.98	mg/kg	0.000098 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.6	mg/kg		0.6	mg/kg	0.00006 %		
				P1186									
29		pyrene				0.77	mg/kg		0.77	mg/kg	0.000077 %		
			204-927-3	129-00-0									
30		selenium { selenium }				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				53	mg/kg	1.785	94.615	mg/kg	0.00946 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				1000	mg/kg	1.245	1244.714	mg/kg	0.124 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.183 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP213

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP213
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.52 mg/kg		0.52 mg/kg	0.000052 %		
2	acenaphthylene		205-917-1	208-96-8		1.3 mg/kg		1.3 mg/kg	0.00013 %		
3	anthracene		204-371-1	120-12-7		1.7 mg/kg		1.7 mg/kg	0.00017 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.4 mg/kg		3.4 mg/kg	0.00034 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		5.6 mg/kg		5.6 mg/kg	0.00056 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		3.2 mg/kg		3.2 mg/kg	0.00032 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		6.2 mg/kg		6.2 mg/kg	0.00062 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		7.2 mg/kg		7.2 mg/kg	0.00072 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.8 mg/kg		0.8 mg/kg	0.00008 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				4.2	mg/kg		4.2	mg/kg	0.00042 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				200	mg/kg	1.252	250.355	mg/kg	0.025 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3	mg/kg	1.884	0.565	mg/kg	0.0000565 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.75	mg/kg		0.75	mg/kg	0.000075 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				6	mg/kg		6	mg/kg	0.0006 %		
			205-912-4	206-44-0									
21		fluorene				0.49	mg/kg		0.49	mg/kg	0.000049 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				3	mg/kg		3	mg/kg	0.0003 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	230	mg/kg		230	mg/kg	0.023 %		
		082-001-00-6											
24		mercury { mercury }				0.97	mg/kg		0.97	mg/kg	0.000097 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				1	mg/kg		1	mg/kg	0.0001 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	26	mg/kg		26	mg/kg	0.0026 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				3.8	mg/kg		3.8	mg/kg	0.00038 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		**<LOD**
				P1186									
29		pyrene				11	mg/kg		11	mg/kg	0.0011 %		
			204-927-3	129-00-0									
30		selenium { selenium }				0.9	mg/kg		0.9	mg/kg	0.00009 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				40	mg/kg	1.785	71.407	mg/kg	0.00714 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				160	mg/kg	1.245	199.154	mg/kg	0.0199 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0886 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP213[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP213[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		2.6 mg/kg		2.6 mg/kg	0.00026 %		
2	acenaphthylene		205-917-1	208-96-8		4.2 mg/kg		4.2 mg/kg	0.00042 %		
3	anthracene		204-371-1	120-12-7		5.1 mg/kg		5.1 mg/kg	0.00051 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		2.7 mg/kg		2.7 mg/kg	0.00027 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		3.7 mg/kg		3.7 mg/kg	0.00037 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		5 mg/kg		5 mg/kg	0.0005 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		3.5 mg/kg		3.5 mg/kg	0.00035 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				4.4	mg/kg		4.4	mg/kg	0.00044 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				45	mg/kg	1.252	56.33	mg/kg	0.00563 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				7.6	mg/kg		7.6	mg/kg	0.00076 %		
			205-912-4	206-44-0									
21		fluorene				6.5	mg/kg		6.5	mg/kg	0.00065 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	100	mg/kg		100	mg/kg	0.01 %		
		082-001-00-6											
24		mercury { mercury }				0.25	mg/kg		0.25	mg/kg	0.000025 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				8.1	mg/kg		8.1	mg/kg	0.00081 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	25	mg/kg		25	mg/kg	0.0025 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				22	mg/kg		22	mg/kg	0.0022 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				20	mg/kg		20	mg/kg	0.002 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				69	mg/kg	1.245	85.885	mg/kg	0.00859 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0457 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

ethylbenzene: (conc.: 0.00002%)

Classification of sample: GEO_TP213[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP213[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
4 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.45 mg/kg		0.45 mg/kg	0.000045 %		
2	acenaphthylene		205-917-1	208-96-8		0.43 mg/kg		0.43 mg/kg	0.000043 %		
3	anthracene		204-371-1	120-12-7		0.74 mg/kg		0.74 mg/kg	0.000074 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.5 mg/kg		7.5 mg/kg	0.00075 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.28 mg/kg		0.28 mg/kg	0.000028 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.49 mg/kg		0.49 mg/kg	0.000049 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.43 mg/kg		0.43 mg/kg	0.000043 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.45 mg/kg		0.45 mg/kg	0.000045 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.5	mg/kg		0.5	mg/kg	0.00005 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		27	mg/kg	1.252	33.798	mg/kg	0.00338 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.05	mg/kg		0.05	mg/kg	0.000005 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.14	mg/kg		0.14	mg/kg	0.000014 %		
20		fluoranthene		205-912-4	206-44-0		1.2	mg/kg		1.2	mg/kg	0.00012 %		
21		fluorene		201-695-5	86-73-7		0.93	mg/kg		0.93	mg/kg	0.000093 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.15	mg/kg		0.15	mg/kg	0.000015 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	190	mg/kg		190	mg/kg	0.019 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.15	mg/kg		0.15	mg/kg	0.000015 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		2	mg/kg		2	mg/kg	0.0002 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	22	mg/kg		22	mg/kg	0.0022 %		
27		phenanthrene		201-581-5	85-01-8		3.6	mg/kg		3.6	mg/kg	0.00036 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		2.4	mg/kg		2.4	mg/kg	0.00024 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		51	mg/kg	1.245	63.48	mg/kg	0.00635 %		
											Total:	0.0399 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

ethylbenzene: (conc.: 0.00001%)

Classification of sample: GEO_TP214

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP214
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		14 mg/kg		14 mg/kg	0.0014 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		23 mg/kg	1.252	28.791 mg/kg	0.00288 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	13 mg/kg		13 mg/kg	0.0013 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.1 mg/kg		1.1 mg/kg	0.00011 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	22 mg/kg		22 mg/kg	0.0022 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				24	mg/kg	1.785	42.844	mg/kg	0.00428 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				52	mg/kg	1.245	64.725	mg/kg	0.00647 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0224 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP214[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP214[2]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5 mg/kg		5 mg/kg	0.0005 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.3 mg/kg		0.3 mg/kg	0.00003 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.1 mg/kg	1.462	13.3 mg/kg	0.00133 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		12 mg/kg	1.252	15.021 mg/kg	0.0015 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	9.3 mg/kg		9.3 mg/kg	0.00093 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	9.9 mg/kg		9.9 mg/kg	0.00099 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				12 mg/kg	1.785	21.422 mg/kg	0.00214 %		
		023-001-00-8	215-239-8	1314-62-1							
15		zinc { zinc oxide }				28 mg/kg	1.245	34.852 mg/kg	0.00349 %		
		030-013-00-7	215-222-5	1314-13-2							
								Total:	0.0114 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP215

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP215
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.06 mg/kg		0.06 mg/kg	0.000006 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.6 mg/kg		1.6 mg/kg	0.00016 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		16 mg/kg		16 mg/kg	0.0016 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.06 mg/kg		0.06 mg/kg	0.000006 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.11 mg/kg		0.11 mg/kg	0.000011 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.09 mg/kg		0.09 mg/kg	0.000009 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.18 mg/kg		0.18 mg/kg	0.000018 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				83	mg/kg	1.252	103.897	mg/kg	0.0104 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.7	mg/kg	1.884	1.319	mg/kg	0.000132 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	97	mg/kg		97	mg/kg	0.0097 %		
		082-001-00-6											
24		mercury { mercury }				0.4	mg/kg		0.4	mg/kg	0.00004 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	38	mg/kg		38	mg/kg	0.0038 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<**LOD**
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				170	mg/kg	1.245	211.601	mg/kg	0.0212 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0573 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP216

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP216
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.6 mg/kg		8.6 mg/kg	0.00086 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		29 mg/kg	1.252	36.302 mg/kg	0.00363 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	11 mg/kg		11 mg/kg	0.0011 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	32 mg/kg		32 mg/kg	0.0032 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	49.985	mg/kg	0.005 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				61	mg/kg	1.245	75.928	mg/kg	0.00759 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0255 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP216[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP216[2]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.2 mg/kg		6.2 mg/kg	0.00062 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		25 mg/kg	1.252	31.294 mg/kg	0.00313 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	12	mg/kg		12	mg/kg	0.0012 %		
		082-001-00-6											
23		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	22	mg/kg		22	mg/kg	0.0022 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				58	mg/kg	1.245	72.193	mg/kg	0.00722 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0199 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP217

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP217
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5.1 mg/kg		5.1 mg/kg	0.00051 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		37 mg/kg		37 mg/kg	0.0037 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	2.4 mg/kg		2.4 mg/kg	0.00024 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		230 mg/kg	1.252	287.909 mg/kg	0.0288 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.5 mg/kg	1.884	0.942 mg/kg	0.0000942 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	160 mg/kg		160 mg/kg	0.016 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	38 mg/kg		38 mg/kg	0.0038 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				75	mg/kg	1.785	133.889	mg/kg	0.0134 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				780	mg/kg	1.245	970.877	mg/kg	0.0971 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.168 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP217[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP217[2]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5.9 mg/kg		5.9 mg/kg	0.00059 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		2.4 mg/kg	5.719	13.726 mg/kg	0.00137 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.7 mg/kg	1.462	12.716 mg/kg	0.00127 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		21 mg/kg	1.252	26.287 mg/kg	0.00263 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	11 mg/kg		11 mg/kg	0.0011 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.23 mg/kg		0.23 mg/kg	0.000023 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	14 mg/kg		14 mg/kg	0.0014 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				12 mg/kg	1.785	21.422 mg/kg	0.00214 %		
		023-001-00-8	215-239-8	1314-62-1							
15		zinc { zinc oxide }				44 mg/kg	1.245	54.767 mg/kg	0.00548 %		
		030-013-00-7	215-222-5	1314-13-2							
								Total:	0.0163 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP218

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP218
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		27 mg/kg	1.252	33.798 mg/kg	0.00338 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.7	mg/kg	1.884	1.319	mg/kg	0.000132 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	50	mg/kg		50	mg/kg	0.005 %		
		082-001-00-6											
23		mercury { mercury }				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	19	mg/kg		19	mg/kg	0.0019 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				43	mg/kg	1.245	53.523	mg/kg	0.00535 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0243 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP219

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP219
Sample Depth:
3.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.9 mg/kg		4.9 mg/kg	0.00049 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9 mg/kg	1.462	13.154 mg/kg	0.00132 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		11 mg/kg	1.252	13.77 mg/kg	0.00138 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	15	mg/kg		15	mg/kg	0.0015 %		
		082-001-00-6											
23		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	7.4	mg/kg		7.4	mg/kg	0.00074 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				8.9	mg/kg	1.785	15.888	mg/kg	0.00159 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				22	mg/kg	1.245	27.384	mg/kg	0.00274 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0102 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP219[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP219[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.1 mg/kg		0.1 mg/kg	0.00001 %		
2	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.3 mg/kg		0.3 mg/kg	0.00003 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	8.7 mg/kg		8.7 mg/kg	0.00087 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		180 mg/kg		180 mg/kg	0.018 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.4 mg/kg		0.4 mg/kg	0.00004 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.7 mg/kg		0.7 mg/kg	0.00007 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.7 mg/kg		0.7 mg/kg	0.00007 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1.3 mg/kg		1.3 mg/kg	0.00013 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.6 mg/kg		2.6 mg/kg	0.00026 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.9 mg/kg		1.9 mg/kg	0.00019 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		57 mg/kg	1.462	83.309 mg/kg	0.00833 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.7	mg/kg		0.7	mg/kg	0.00007 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				140	mg/kg	1.252	175.249	mg/kg	0.0175 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
			205-912-4	206-44-0									
21		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	430	mg/kg		430	mg/kg	0.043 %		
		082-001-00-6											
24		mercury { mercury }				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	38	mg/kg		38	mg/kg	0.0038 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1	mg/kg		1	mg/kg	0.0001 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				50	mg/kg	1.785	89.259	mg/kg	0.00893 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				240	mg/kg	1.245	298.731	mg/kg	0.0299 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.132 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS201

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS201
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.06 mg/kg		0.06 mg/kg	0.000006 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.1 mg/kg		4.1 mg/kg	0.00041 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		44 mg/kg		44 mg/kg	0.0044 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.04 mg/kg		0.04 mg/kg	0.000004 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.08 mg/kg		0.08 mg/kg	0.000008 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.07 mg/kg		0.07 mg/kg	0.000007 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.14 mg/kg		0.14 mg/kg	0.000014 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2 mg/kg		2 mg/kg	0.0002 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	2.4 mg/kg		2.4 mg/kg	0.00024 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				280	mg/kg	1.252	350.497	mg/kg	0.035 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3	mg/kg	1.884	0.565	mg/kg	0.0000565 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	170	mg/kg		170	mg/kg	0.017 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	50	mg/kg		50	mg/kg	0.005 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			204-927-3	129-00-0									
30		selenium { selenium }				0.6	mg/kg		0.6	mg/kg	0.00006 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				64	mg/kg	1.785	114.252	mg/kg	0.0114 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				910	mg/kg	1.245	1132.69	mg/kg	0.113 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.19 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS202

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS202
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	•	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	•	TPH (C6 to C40) petroleum group				210	mg/kg		210	mg/kg	0.021 %		
				TPH									
										Total:	0.021 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.021%)

Classification of sample: GEO_WS202[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS202[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.1 mg/kg		8.1 mg/kg	0.00081 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		28 mg/kg	1.252	35.05 mg/kg	0.0035 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	25	mg/kg		25	mg/kg	0.0025 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.07	mg/kg		0.07	mg/kg	0.000007 %		
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	26	mg/kg		26	mg/kg	0.0026 %		
26		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
28		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		54	mg/kg	1.245	67.215	mg/kg	0.00672 %		
											Total:	0.0248 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS202[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS202[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.9 mg/kg		4.9 mg/kg	0.00049 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.9 mg/kg	1.462	14.469 mg/kg	0.00145 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		20 mg/kg	1.252	25.036 mg/kg	0.0025 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	30 mg/kg		30 mg/kg	0.003 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.07 mg/kg		0.07 mg/kg	0.000007 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	13 mg/kg		13 mg/kg	0.0013 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				13 mg/kg	1.785	23.207 mg/kg	0.00232 %		
		023-001-00-8	215-239-8	1314-62-1							
15		zinc { zinc oxide }				27 mg/kg	1.245	33.607 mg/kg	0.00336 %		
		030-013-00-7	215-222-5	1314-13-2							
								Total:	0.015 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS202[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS202[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number / EC Number / CAS Number							
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex } 051-003-00-9	1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
2	arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		7.3 mg/kg		7.3 mg/kg	0.00073 %		
3	beryllium { beryllium } 004-001-00-7 / 231-150-7 / 7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
4	boron { boric acid; [1] boric acid [2] } 005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex 048-001-00-5	1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) } 215-160-9 / 1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
7	copper { copper(II) oxide } 029-016-00-6 / 215-269-1 / 1317-38-0		27 mg/kg	1.252	33.798 mg/kg	0.00338 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5		<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6	1	11 mg/kg		11 mg/kg	0.0011 %		
10	mercury { mercury } 080-001-00-0 / 231-106-7 / 7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel } 028-002-00-7 / 231-111-4 / 7440-02-0	7	30 mg/kg		30 mg/kg	0.003 %		
12	monohydric phenols P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium } 034-001-00-2 / 231-957-4 / 7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				27 mg/kg	1.785	48.2 mg/kg	0.00482 %		
		023-001-00-8	215-239-8	1314-62-1							
15		zinc { zinc oxide }				55 mg/kg	1.245	68.459 mg/kg	0.00685 %		
		030-013-00-7	215-222-5	1314-13-2							
								Total:	0.0243 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS204

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS204	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-020-00-8	200-753-7	71-43-2									
2	●	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
4	●	TPH (C6 to C40) petroleum group				140	mg/kg		140	mg/kg	0.014 %		
				TPH									
										Total:	0.014 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.014%)

Classification of sample: GEO_WS204[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS204[2]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.5 mg/kg		6.5 mg/kg	0.00065 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		15 mg/kg	1.252	18.777 mg/kg	0.00188 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19		fluoranthene		205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
20		fluorene		201-695-5	86-73-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	11 mg/kg		11 mg/kg	0.0011 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	13 mg/kg		13 mg/kg	0.0013 %		
26		phenanthrene		201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
27		monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
28		pyrene		204-927-3	129-00-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		19 mg/kg	1.785	33.919 mg/kg	0.00339 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		43 mg/kg	1.245	53.523 mg/kg	0.00535 %		
									Total:	0.0163 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS205

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS205
Sample Depth:
0.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.4 mg/kg		3.4 mg/kg	0.00034 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21 mg/kg		21 mg/kg	0.0021 %		
3	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
4	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.7 mg/kg		1.7 mg/kg	0.00017 %		
5	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
7	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		130 mg/kg	1.252	162.731 mg/kg	0.0163 %		
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.3 mg/kg	1.884	0.565 mg/kg	0.0000565 %		
10	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	100 mg/kg		100 mg/kg	0.01 %		
12	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.06 mg/kg		0.06 mg/kg	0.000006 %		
13	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	43 mg/kg		43 mg/kg	0.0043 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		**<LOD**
				P1186									
15		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
17		TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		**<LOD**
				TPH									
18		vanadium { divanadium pentaoxide; vanadium pentoxide }				39	mg/kg	1.785	69.622	mg/kg	0.00696 %		
		023-001-00-8	215-239-8	1314-62-1									
19		zinc { zinc oxide }				170	mg/kg	1.245	211.601	mg/kg	0.0212 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0641 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS205[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:
GEO_WS205[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.14%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		acenaphthene 201-469-6 / 83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2		acenaphthylene 205-917-1 / 208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3		anthracene 204-371-1 / 120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex } 051-003-00-9	1	12 mg/kg		12 mg/kg	0.0012 %		
5		arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		65 mg/kg		65 mg/kg	0.0065 %		
6		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7		benzo[ghi]perylene 205-883-8 / 191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8		benzo[a]anthracene 601-033-00-9 / 200-280-6 / 56-55-3		0.04 mg/kg		0.04 mg/kg	0.000004 %		
9		benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 / 200-028-5 / 50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10		beryllium { beryllium } 004-001-00-7 / 231-150-7 / 7440-41-7		2.3 mg/kg		2.3 mg/kg	0.00023 %		
11		boron { boric acid; [1] boric acid [2] } 005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]		1.4 mg/kg	5.719	8.007 mg/kg	0.000801 %		
12		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex 048-001-00-5	1	0.4 mg/kg		0.4 mg/kg	0.00004 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		81	mg/kg	1.462	118.386	mg/kg	0.0118 %		
14		chrysene	601-048-00-0	205-923-4	218-01-9		0.04	mg/kg		0.04	mg/kg	0.000004 %		
15		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		820	mg/kg	1.252	1026.457	mg/kg	0.103 %		
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		0.09	mg/kg		0.09	mg/kg	0.000009 %		
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	1400	mg/kg		1400	mg/kg	0.14 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.51	mg/kg		0.51	mg/kg	0.000051 %		
24		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	56	mg/kg		56	mg/kg	0.0056 %		
26		phenanthrene		201-581-5	85-01-8		0.09	mg/kg		0.09	mg/kg	0.000009 %		
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
28		pyrene		204-927-3	129-00-0		0.09	mg/kg		0.09	mg/kg	0.000009 %		
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		380	mg/kg	1.785	678.37	mg/kg	0.0678 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		110	mg/kg	1.245	136.919	mg/kg	0.0137 %		
											Total:	0.351 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS205[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS205[3]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	•	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	•	TPH (C6 to C40) petroleum group				26	mg/kg		26	mg/kg	0.0026 %		
				TPH									
										Total:	0.0026 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0026%)

Classification of sample: GEO_WS206

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS206	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		acenaphthene 201-469-6 / 83-32-9		0.11 mg/kg		0.11 mg/kg	0.000011 %		
2		acenaphthylene 205-917-1 / 208-96-8		0.03 mg/kg		0.03 mg/kg	0.000003 %		
3		anthracene 204-371-1 / 120-12-7		0.18 mg/kg		0.18 mg/kg	0.000018 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex } 051-003-00-9	1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5		arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		6.2 mg/kg		6.2 mg/kg	0.00062 %		
6		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene 205-883-8 / 191-24-2		0.17 mg/kg		0.17 mg/kg	0.000017 %		
8		benzo[a]anthracene 601-033-00-9 / 200-280-6 / 56-55-3		0.35 mg/kg		0.35 mg/kg	0.000035 %		
9		benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 / 200-028-5 / 50-32-8		0.28 mg/kg		0.28 mg/kg	0.000028 %		
10		benzo[bk]fluoranthene [1] 205-911-9 [2] 205-916-6 / [1] 205-99-2 [2] 207-08-9		0.51 mg/kg		0.51 mg/kg	0.000051 %		
11		beryllium { beryllium } 004-001-00-7 / 231-150-7 / 7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12		boron { boric acid; [1] boric acid [2] } 005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]		<0.2 mg/kg	5.719	<1.144 mg/kg	<0.000114 %		<**LOD**
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex 048-001-00-5	1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
14		chromium { chromium(III) oxide (worst case) } 215-160-9 / 1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.42	mg/kg		0.42	mg/kg	0.000042 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		20	mg/kg	1.252	25.036	mg/kg	0.0025 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		1.1	mg/kg		1.1	mg/kg	0.00011 %		
21		fluorene		201-695-5	86-73-7		0.1	mg/kg		0.1	mg/kg	0.00001 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.14	mg/kg		0.14	mg/kg	0.000014 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	43	mg/kg		43	mg/kg	0.0043 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.13	mg/kg		0.13	mg/kg	0.000013 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	14	mg/kg		14	mg/kg	0.0014 %		
27		phenanthrene		201-581-5	85-01-8		0.95	mg/kg		0.95	mg/kg	0.000095 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.95	mg/kg		0.95	mg/kg	0.000095 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		47	mg/kg	1.245	58.502	mg/kg	0.00585 %		
											Total:	0.0202 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS206[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS206[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	●	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	●	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<**LOD**
				TPH									
										Total:	0.001 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Classification of sample: GEO_WS206[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS206[3]
Sample Depth:
4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5.8 mg/kg		5.8 mg/kg	0.00058 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.3 mg/kg		0.3 mg/kg	0.00003 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.2 mg/kg	1.462	11.985 mg/kg	0.0012 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		12 mg/kg	1.252	15.021 mg/kg	0.0015 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	6.2	mg/kg		6.2	mg/kg	0.00062 %		
		082-001-00-6											
23		mercury { mercury }				0.12	mg/kg		0.12	mg/kg	0.000012 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	8.5	mg/kg		8.5	mg/kg	0.00085 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				11	mg/kg	1.785	19.637	mg/kg	0.00196 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				24	mg/kg	1.245	29.873	mg/kg	0.00299 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0102 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS207

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS207
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		13 mg/kg		13 mg/kg	0.0013 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		45 mg/kg	1.252	56.33 mg/kg	0.00563 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	44	mg/kg		44	mg/kg	0.0044 %		
		082-001-00-6											
23		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	19	mg/kg		19	mg/kg	0.0019 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				88	mg/kg	1.245	109.535	mg/kg	0.011 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0341 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS207[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS207[2]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6 mg/kg		6 mg/kg	0.0006 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		26 mg/kg	1.252	32.546 mg/kg	0.00325 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	13 mg/kg		13 mg/kg	0.0013 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	28 mg/kg		28 mg/kg	0.0028 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				53	mg/kg	1.245	65.97	mg/kg	0.0066 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0232 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS207[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS207[3]
Sample Depth:
5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.6 mg/kg		8.6 mg/kg	0.00086 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		26 mg/kg	1.252	32.546 mg/kg	0.00325 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	13 mg/kg		13 mg/kg	0.0013 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	25 mg/kg		25 mg/kg	0.0025 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				54	mg/kg	1.245	67.215	mg/kg	0.00672 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0225 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS208

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS208
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.12 mg/kg		0.12 mg/kg	0.000012 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.19 mg/kg		0.19 mg/kg	0.000019 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.08 mg/kg		0.08 mg/kg	0.000008 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.21 mg/kg		0.21 mg/kg	0.000021 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.14 mg/kg		0.14 mg/kg	0.000014 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.3 mg/kg		0.3 mg/kg	0.00003 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		chrysene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				52	mg/kg	1.252	65.092	mg/kg	0.00651 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				160	mg/kg	1.884	301.44	mg/kg	0.0301 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.83	mg/kg		0.83	mg/kg	0.000083 %		
			205-912-4	206-44-0									
21		fluorene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	240	mg/kg		240	mg/kg	0.024 %		
		082-001-00-6											
24		mercury { mercury }				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	18	mg/kg		18	mg/kg	0.0018 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.79	mg/kg		0.79	mg/kg	0.000079 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.63	mg/kg		0.63	mg/kg	0.000063 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				250	mg/kg		250	mg/kg	0.025 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				15	mg/kg	1.785	26.778	mg/kg	0.00268 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				250	mg/kg	1.245	311.178	mg/kg	0.0311 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.125 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.025%)

Classification of sample: GEO_WS209

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS209	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.11%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.11%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.11%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.14	mg/kg		0.14	mg/kg	0.000014 %		
2		acenaphthylene		205-917-1	208-96-8		0.06	mg/kg		0.06	mg/kg	0.000006 %		
3		anthracene		204-371-1	120-12-7		0.28	mg/kg		0.28	mg/kg	0.000028 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.1	mg/kg		6.1	mg/kg	0.00061 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		23	mg/kg		23	mg/kg	0.0023 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
7		benzo[ghi]perylene		205-883-8	191-24-2		0.3	mg/kg		0.3	mg/kg	0.00003 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.57	mg/kg		0.57	mg/kg	0.000057 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.48	mg/kg		0.48	mg/kg	0.000048 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.95	mg/kg		0.95	mg/kg	0.000095 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7	mg/kg		0.7	mg/kg	0.00007 %		
12		boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4	mg/kg	5.719	2.288	mg/kg	0.000229 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7	mg/kg		0.7	mg/kg	0.00007 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16	mg/kg	1.462	23.385	mg/kg	0.00234 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.77	mg/kg		0.77	mg/kg	0.000077 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		150	mg/kg	1.252	187.766	mg/kg	0.0188 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				69	mg/kg	1.884	129.996	mg/kg	0.013 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.07	mg/kg		0.07	mg/kg	0.000007 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		1.8	mg/kg		1.8	mg/kg	0.00018 %		
21		fluorene		201-695-5	86-73-7		0.14	mg/kg		0.14	mg/kg	0.000014 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.23	mg/kg		0.23	mg/kg	0.000023 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	230	mg/kg		230	mg/kg	0.023 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.09	mg/kg		0.09	mg/kg	0.000009 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.09	mg/kg		0.09	mg/kg	0.000009 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	25	mg/kg		25	mg/kg	0.0025 %		
27		phenanthrene		201-581-5	85-01-8		1.1	mg/kg		1.1	mg/kg	0.00011 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		1.7	mg/kg		1.7	mg/kg	0.00017 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				1100	mg/kg		1100	mg/kg	0.11 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				32	mg/kg	1.785	57.126	mg/kg	0.00571 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				230	mg/kg	1.245	286.284	mg/kg	0.0286 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.208 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS209[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS209[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.2 mg/kg		3.2 mg/kg	0.00032 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		43 mg/kg		43 mg/kg	0.0043 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.2 mg/kg		2.2 mg/kg	0.00022 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5 mg/kg		0.5 mg/kg	0.00005 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		170 mg/kg	1.252	212.802 mg/kg	0.0213 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3	mg/kg	1.884	0.565	mg/kg	0.0000565 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	130	mg/kg		130	mg/kg	0.013 %		
		082-001-00-6											
23		mercury { mercury }				0.39	mg/kg		0.39	mg/kg	0.000039 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	33	mg/kg		33	mg/kg	0.0033 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				43	mg/kg	1.785	76.763	mg/kg	0.00768 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				97	mg/kg	1.245	120.737	mg/kg	0.0121 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0658 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS209[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS209[3]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.3 mg/kg		2.3 mg/kg	0.00023 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		20 mg/kg		20 mg/kg	0.002 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		58 mg/kg	1.252	72.603 mg/kg	0.00726 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	87 mg/kg		87 mg/kg	0.0087 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.22 mg/kg		0.22 mg/kg	0.000022 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	26 mg/kg		26 mg/kg	0.0026 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				35	mg/kg	1.785	62.481	mg/kg	0.00625 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				65	mg/kg	1.245	80.906	mg/kg	0.00809 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0389 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS210

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS210
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	•	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	•	TPH (C6 to C40) petroleum group				96	mg/kg		96	mg/kg	0.0096 %		
				TPH									
										Total:	0.0096 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0096%)

Classification of sample: GEO_WS210[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS210[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.7 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.06 mg/kg		0.06 mg/kg	0.000006 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.6 mg/kg		3.6 mg/kg	0.00036 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		25 mg/kg		25 mg/kg	0.0025 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.03 mg/kg		0.03 mg/kg	0.000003 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.12 mg/kg		0.12 mg/kg	0.000012 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.05 mg/kg		0.05 mg/kg	0.000005 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.13 mg/kg		0.13 mg/kg	0.000013 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		44 mg/kg	1.462	64.308 mg/kg	0.00643 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.12	mg/kg		0.12	mg/kg	0.000012 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		170	mg/kg	1.252	212.802	mg/kg	0.0213 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.3	mg/kg		0.3	mg/kg	0.00003 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.03	mg/kg		0.03	mg/kg	0.000003 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	110	mg/kg		110	mg/kg	0.011 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.14	mg/kg		0.14	mg/kg	0.000014 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	35	mg/kg		35	mg/kg	0.0035 %		
27		phenanthrene		201-581-5	85-01-8		0.25	mg/kg		0.25	mg/kg	0.000025 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.31	mg/kg		0.31	mg/kg	0.000031 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		160	mg/kg	1.785	285.63	mg/kg	0.0286 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		410	mg/kg	1.245	510.333	mg/kg	0.051 %		
											Total:	0.126 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS211

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS211	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
4 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.04 mg/kg		0.04 mg/kg	0.000004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		0.06 mg/kg		0.06 mg/kg	0.000006 %		
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		39 mg/kg	1.252	48.819 mg/kg	0.00488 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
17		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19		fluoranthene		205-912-4	206-44-0		0.12	mg/kg		0.12	mg/kg	0.000012 %		
20		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
21		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	55	mg/kg		55	mg/kg	0.0055 %		
23		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.09	mg/kg		0.09	mg/kg	0.000009 %		
24		naphthalene	601-052-00-2	202-049-5	91-20-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	20	mg/kg		20	mg/kg	0.002 %		
26		phenanthrene		201-581-5	85-01-8		0.13	mg/kg		0.13	mg/kg	0.000013 %		
27		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
28		pyrene		204-927-3	129-00-0		0.12	mg/kg		0.12	mg/kg	0.000012 %		
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
31		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
32		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		48	mg/kg	1.245	59.746	mg/kg	0.00597 %		
											Total:	0.0257 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS211[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS211[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number / EC Number / CAS Number							
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	1	2.8 mg/kg		2.8 mg/kg	0.00028 %		
	051-003-00-9							
2	arsenic { arsenic }		21 mg/kg		21 mg/kg	0.0021 %		
	033-001-00-X / 231-148-6 / 7440-38-2							
3	beryllium { beryllium }		1.6 mg/kg		1.6 mg/kg	0.00016 %		
	004-001-00-7 / 231-150-7 / 7440-41-7							
4	boron { boric acid; [1] boric acid [2] }		<0.2 mg/kg	5.719	<1.144 mg/kg	<0.000114 %		<LOD
	005-007-00-2 / 233-139-2 [1] 234-343-4 [2] / 10043-35-3 [1] 11113-50-1 [2]							
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
	048-001-00-5							
6	chromium { chromium(III) oxide (worst case) }		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
	215-160-9 / 1308-38-9							
7	copper { copper(II) oxide }		96 mg/kg	1.252	120.171 mg/kg	0.012 %		
	029-016-00-6 / 215-269-1 / 1317-38-0							
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }		<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD
	006-007-00-5							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	41 mg/kg		41 mg/kg	0.0041 %		
	082-001-00-6							
10	mercury { mercury }		0.14 mg/kg		0.14 mg/kg	0.000014 %		
	080-001-00-0 / 231-106-7 / 7439-97-6							
11	nickel { nickel }	7	43 mg/kg		43 mg/kg	0.0043 %		
	028-002-00-7 / 231-111-4 / 7440-02-0							
12	monohydric phenols		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	P1186							
13	selenium { selenium }		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	034-001-00-2 / 231-957-4 / 7782-49-2							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				45	mg/kg	1.785	80.333	mg/kg	0.00803 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				100	mg/kg	1.245	124.471	mg/kg	0.0124 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0463 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS212

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS212	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		1.9 mg/kg		1.9 mg/kg	0.00019 %		
2	acenaphthylene		205-917-1	208-96-8		0.05 mg/kg		0.05 mg/kg	0.000005 %		
3	anthracene		204-371-1	120-12-7		1.8 mg/kg		1.8 mg/kg	0.00018 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.3 mg/kg		4.3 mg/kg	0.00043 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		28 mg/kg		28 mg/kg	0.0028 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.38 mg/kg		0.38 mg/kg	0.000038 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.7 mg/kg		1.7 mg/kg	0.00017 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.97 mg/kg		0.97 mg/kg	0.000097 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1.83 mg/kg		1.83 mg/kg	0.000183 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.3 mg/kg		2.3 mg/kg	0.00023 %		
12	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		1.6	mg/kg		1.6	mg/kg	0.00016 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		240	mg/kg	1.252	300.426	mg/kg	0.03 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.09	mg/kg		0.09	mg/kg	0.000009 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		5.1	mg/kg		5.1	mg/kg	0.00051 %		
21		fluorene		201-695-5	86-73-7		1.6	mg/kg		1.6	mg/kg	0.00016 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.35	mg/kg		0.35	mg/kg	0.000035 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	170	mg/kg		170	mg/kg	0.017 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.92	mg/kg		0.92	mg/kg	0.000092 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		5.5	mg/kg		5.5	mg/kg	0.00055 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	38	mg/kg		38	mg/kg	0.0038 %		
27		phenanthrene		201-581-5	85-01-8		8.6	mg/kg		8.6	mg/kg	0.00086 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		5.6	mg/kg		5.6	mg/kg	0.00056 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		54	mg/kg	1.785	96.4	mg/kg	0.00964 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		150	mg/kg	1.245	186.707	mg/kg	0.0187 %		
											Total:	0.0893 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS212[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS212[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.6 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	●	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	●	TPH (C6 to C40) petroleum group				290	mg/kg		290	mg/kg	0.029 %		
				TPH									
										Total:	0.029 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because Unlikely to be flammable at such concentrations

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.029%)

Classification of sample: GEO_WS212[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS212[3]
Sample Depth:
4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.9 mg/kg		1.9 mg/kg	0.00019 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.2 mg/kg		9.2 mg/kg	0.00092 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<0.2 mg/kg	5.719	<1.144 mg/kg	<0.000114 %		<**LOD**
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		39 mg/kg	1.252	48.819 mg/kg	0.00488 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	44	mg/kg		44	mg/kg	0.0044 %		
		082-001-00-6											
23		mercury { mercury }				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	22	mg/kg		22	mg/kg	0.0022 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				55	mg/kg	1.245	68.459	mg/kg	0.00685 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0254 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS213A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS213A
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		13 mg/kg		13 mg/kg	0.0013 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.3 mg/kg	5.719	7.435 mg/kg	0.000743 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		38 mg/kg	1.252	47.568 mg/kg	0.00476 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	32	mg/kg		32	mg/kg	0.0032 %		
		082-001-00-6											
23		mercury { mercury }				0.38	mg/kg		0.38	mg/kg	0.000038 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	16	mg/kg		16	mg/kg	0.0016 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			201-581-5	85-01-8									
27		monohydric phenols				2.7	mg/kg		2.7	mg/kg	0.00027 %		
				P1186									
28		pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	49.985	mg/kg	0.005 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				81	mg/kg	1.245	100.822	mg/kg	0.0101 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0301 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS213A[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS213A[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.4 mg/kg		8.4 mg/kg	0.00084 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
11	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
12	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
13	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
14	chrysene	601-048-00-0	205-923-4	218-01-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		23 mg/kg	1.252	28.791 mg/kg	0.00288 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
17		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
18		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
20		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
21		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
22		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	26	mg/kg		26	mg/kg	0.0026 %		
		082-001-00-6											
23		mercury { mercury }				0.19	mg/kg		0.19	mg/kg	0.000019 %		
		080-001-00-0	231-106-7	7439-97-6									
24		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
25		nickel { nickel }			7	14	mg/kg		14	mg/kg	0.0014 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
27		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
28		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
29		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	49.985	mg/kg	0.005 %		
		023-001-00-8	215-239-8	1314-62-1									
32		zinc { zinc oxide }				41	mg/kg	1.245	51.033	mg/kg	0.0051 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0211 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS214

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS214

Sample Depth:
2 m

LoW Code:

Chapter:
17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry:
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3.6 mg/kg		3.6 mg/kg	0.00036 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
4	boron { boric acid; [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		11 mg/kg	1.252	13.77 mg/kg	0.00138 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	7 mg/kg		7 mg/kg	0.0007 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	11 mg/kg		11 mg/kg	0.0011 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
13	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				13 mg/kg	1.785	23.207 mg/kg	0.00232 %		
		023-001-00-8	215-239-8	1314-62-1							
15		zinc { zinc oxide }				26 mg/kg	1.245	32.363 mg/kg	0.00324 %		
		030-013-00-7	215-222-5	1314-13-2							
								Total:	0.0111 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

arsenic (EC Number: 231-148-6, CAS Number: 7440-38-2)

CLP index number: 033-001-00-X
Description/Comments: Worst Case: IARC considers arsenic Group 1; Carcinogenic to humans
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

benzo[bk]fluoranthene (EC Number: [1] 205-911-9 [2] 205-916-6, CAS Number: [1] 205-99-2 [2] 207-08-9)

Description/Comments: Combined data from harmonised entries in CLP for benzo[b] and benzo[k]fluoranthene; C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Carc. 1B H350 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex

CLP index number: 048-001-00-5
Description/Comments: Worst Case: IARC considers cadmium compounds Group 1; Carcinogenic to humans
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

lead compounds with the exception of those specified elsewhere in this Annex (worst case)

CLP index number: 082-001-00-6
Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following CLP protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

monohydric phenols (CAS Number: P1186)

Description/Comments: Combined hazards statements from harmonised entries in CLP for phenol, cresols and xylenols (604-001-00-2, 604-004-00-9, 604-006-00-X)
Data source: CLP combined data
Data source date: 26 Mar 2019
Hazard Statements: Acute Tox. 3 H301 , Acute Tox. 3 H311 , Acute Tox. 3 H331 , Skin Corr. 1B H314 , Skin Corr. 1B H314 >= 3 %, Skin Irrit. 2 H315 1 £ conc. < 3 %, Eye Irrit. 2 H319 1 £ conc. < 3 %, Muta. 2 H341 , STOT RE 2 H373 , Aquatic Chronic 2 H411

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

TPH (C6 to C40) petroleum group (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

Appendix B: Rationale for selection of metal species

antimony {antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex}

Total antimony

arsenic {arsenic}

Total arsenic

beryllium {beryllium}

Total beryllium

boron {boric acid; [1] boric acid [2]}

Water soluble boron

chromium {chromium(III) oxide (worst case)}

Total chromium

copper {copper(II) oxide}

Total copper

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Total cyanide

lead {lead compounds with the exception of those specified elsewhere in this Annex (worst case)}

Total lead

mercury {mercury}

Total mercury

nickel {nickel}

Total nickel

selenium {selenium}

Total selenium

vanadium {divanadium pentaoxide; vanadium pentoxide}

Total vanadium

zinc {zinc oxide}

Total zinc

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.293.4891.9295 (20 Oct 2021)
HazWasteOnline Database: 2021.293.4891.9295 (20 Oct 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019