

Strata Geotechnics										on behalf of										Rotary Drilling Log									
Depth of Stratum Top (m)	Driller's Stratum Description			Sample / Hole / Test Details						Drilling Details				Standard Penetration Test													Water/flush level (m)		
				No	Type	Insitu test	From (m)	To (m)	Liner Dia (mm)	Core run time (hhmm)	Total core Recovery (m)	Flush Return %	Flush Colour	Self Weight Pen (mm)	75 mm	150 mm	Seating Pen (mm)	75 mm	150 mm	225 mm	300 mm	Main Pen (mm)	N value	Casing Depth (m)					
0.00	clay and rubble fill			1	D		0.10	0.50																					
				2	D		0.50	1.00																					
				3	D		1.00	1.20																					
2.00	Grey silty sandy clay					S	1.20	1.65							0	1	1	150	2	2	1	2	300	7	0.00	Dry			
				4	D		1.20	1.65																					
						S	2.20	2.65						0	1	2	150	2	2	3	4	300	11	2.20	Dry				
3.50	Firm brown clay			5	D		2.20	2.65																					
						S	3.20	3.65						0	3	5	150	5	6	6	7	300	24	3.20	Dry				
				6	D		3.20	3.65																					
8.50	Sands and gravells					S	4.20	4.65							0	7	8	150	8	9	11	12	300	40	4.20	Dry			
				7	D		4.20	4.65																					
						S	5.20	5.65						0	8	8	150	9	9	11	12	300	41	5.20	Dry				
9.50	Brown gravelly clay			8	D		5.20	5.65																					
						S	6.70	7.15						0	9	11	150	12	13	11	12	300	48	6.70	Dry				
				9	D		6.70	7.15																					
12.00	Sandy slightly gravelly clay					S	8.20	8.58							0	9	15	140	14	16	16	4	240		8.20	Dry			
						S	9.70	10.15						0	7	9	150	9	11	10	12	300	42	9.70	Dry				
				10	D		9.70	10.15																					
Shift details				Drilling Equipment Details											Ground Water Record										Backfill (m)				
Start time (hhmm)	Hole (m)	Water (m)	Casing (m)	Casing (C) Open Hole (RO) Coring (RC)	Dia. (mm)	From (m)	To (m)	Barrel	Liner Type	Core Dia (mm)	Bit Type	Casing Type	Bit serial No	Flush	Polymer	Time of strike	Depth Struck (m)	Casing (m)	Inflow	5 min	10 min	15 min	20 min	Depth Sealed (m)	Type	From (m)	To (m)		
0800				C	146.00	1.20	14.00					146																	
				RO	100.00	1.20	14.00				Tricone Steel		Air/Mist	No															
Finish time (hhmm)	Hole (m)	Water (m)	Casing (m)																										
1730	14.00	Dry	14.00																										
Time from	Duration (hhmm)	Remarks or details of any additional testing information, Dayworks										SPT I.D. Number		1	Calibration Date		02/06/2021	Project Title New Islington Manchester											
0800	0200 0100 0000	CAT Scanned: Yes										SPT Rod Type		2 3/8 Regular	SPT Energy Ratio		1.00												
0800		Permit Completed: Yes										Drilling Crew Details				CSCS No													
0800		Filling IBCs and while waiting for lorry to arrive with rig and unload										Support Operative		Joel Kelly				Weather		Drizzle		Project No	G221659						
1000		set up and digging inspection pit										Lead Driller		Jason Kelly				Date		24/05/2022		Day		Tuesday					
1300		8.2m SPT in sand and gravells, failed SPT with no recovery										Site category		Green				Rig type		Comacchio 305		Borehole Number							
												Project Engineer						Inclination			Orientation			BH01					
										Lead Driller's signature								Sheet		1 of 3		Completed		Y					



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14.00	Weak sandstone					S	14.20	14.59							0	10	12	150	13	15	18	4	235		14.00	Dry																	
				13	D		14.20	14.59																																			
						C	15.70	16.09							0	12	13	145	13	14	14	9	245		14.00	0.00																	
14.50	Weak sandstone					C	17.20	17.58							0	14	11	136	14	14	14	8	242		14.00	0.00																	
						C	18.70	19.07							0	14	11	132	14	15	15	6	238		14.00	0.00																	
						C	20.20	20.55							0	15	10	120	15	15	16	4	227		14.00	0.00																	
21.70	weak sandstone					C	21.70	21.99							0	17	8	124	17	18	15	0	165		14.00	0.00																	
Shift details				Drilling Equipment Details											Ground Water Record										Backfill (m)																		
Start time (hhmm)	Hole (m)	Water (m)	Casing (m)	Casing (C) Open Hole (RO) Coring (RC)	Dia. (mm)	From (m)	To (m)	Barrel	Liner Type	Core Dia (mm)	Bit Type	Casing Type	Bit serial No	Flush	Polymer	Time of strike	Depth Struck (m)	Casing (m)	Inflow	5 min	10 min	15 min	20 min	Depth Sealed (m)	Type	From (m)	To (m)																
0800	14.00	Dry	14.00	C	146.00	0.00	14.00					146														Bentonite Pellets	21.70	0.00															
				RO	100.00	1.20	21.70																																				
Finish time (hhmm)	Hole (m)	Water (m)	Casing (m)																																								
1745	0.00																																										
Time from	Duration (hhmm)	Remarks or details of any additional testing information, Dayworks										SPT I.D. Number		1		Calibration Date		02/06/2021		Project Title New Islington Manchester																							
0820 1130	0000 0000	Had to switch over to cpts at 15.7 because the spt shoe was wreck from the gravels and cobbles Spoke to van elle designer and he said it was fine to stop drilling at around 21 metres										SPT Rod Type		2 3/8 Regular		SPT Energy Ratio		1.00																									
												Drilling Crew Details						CSCS No																									
												Support Operative				Joel Kelly																		Weather		Drizzle				Project No		G221659	
												Lead Driller				Jason Kelly																		Date		25/05/2022				Day		Wednesday	
												Site category				Green																		Rig type		Comacchio 305				Borehole Number			
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Lead Driller's signature												Sheet				3 of 3				Completed		Y																					