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NOTES

SITE FEATURES

- APPROX PLOT NT02 BOUNDARY
- APPROX PLOT NT03 BOUNDARY
- APPROX PLOT NT04 BOUNDARY

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1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
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PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

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SITE LOCATION PLAN

DRAWING No.	REV.
4328-ROC-ZZ-XX-DR-ES-ES200	01

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NOTES

ROC RBH2XX — ROC 2022 ROTARY BOREHOLE WITH INSTALL

ROC RBH2XX — ROC 2022 WINDOW SAMPLE BOREHOLE WITH INSTALL

ROC RBH2XX — ROC 2022 WINDOW SAMPLE BOREHOLE

ROC TP2XX — ROC 2022 TRIAL PIT

APPROX PLOT NT02 BOUNDARY

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APPROX PLOT NT04 BOUNDARY

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PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
EXPLORATORY HOLE LOCATIONS 2022

DRAWING No. 4328-ROC-ZZ-XX-DR-ES-ES201B

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NOTES

- ROC RBH3XX — ROC 2023 ROTARY BOREHOLE (ENVIRONMENTAL OR COMBINED) WITH INSTALL
- ROC RBH3XX — ROC 2023 ROTARY BOREHOLE (GEOTECHNICAL ONLY) WITH INSTALL
- ROC WS3XX — ROC 2023 WINDOW SAMPLE BOREHOLE
- ROC WS3XX — ROC 2023 WINDOW SAMPLE BOREHOLE
- ROC TP3XX — ROC 2023 TRIAL PIT
- ROC SS3XX — ROC 2023 SURFACE WATER SAMPLE
- ROC HP3XX — ROC 2023 MOUND HANDPIT
- ROC RBH4XX — ROC 2023 NR MOUND BOREHOLE
- ROC RBH5XX — ROC 2023 ADDITIONAL TCE BOREHOLES
- APPROX PLOT NT02 BOUNDARY
- APPROX PLOT NT03 BOUNDARY
- APPROX PLOT NT04 BOUNDARY

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PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
EXPLORATORY HOLE LOCATIONS 2023

DRAWING No. 4328-ROC-ZZ-XX-DR-ES-ES201C
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NOTES

- LK WSX — LK WINDOW SAMPLE BOREHOLE
- LK RBHX — LK CONSULT ROTARY BOREHOLE
- ROC RBH2XX — ROC 2022 ROTARY BOREHOLE WITH INSTALL
- ROC WS2XX — ROC 2022 WINDOW SAMPLE BOREHOLE WITH INSTALL
- ROC WS2XX — ROC 2022 WINDOW SAMPLE BOREHOLE
- ROC TP2XX — ROC 2022 TRIAL PIT
- ROC RBH3XX — ROC 2023 ROTARY BOREHOLE (ENVIRONMENTAL OR COMBINED) WITH INSTALL
- ROC RBH3XX — ROC 2023 ROTARY BOREHOLE (GEOTECHNICAL ONLY) WITH INSTALL
- ROC WS3XX — ROC 2023 WINDOW SAMPLE BOREHOLE
- ROC WS3XX — ROC 2023 WINDOW SAMPLE BOREHOLE
- ROC TP3XX — ROC 2023 TRIAL PIT
- ROC SS3XX — ROC 2023 SURFACE WATER SAMPLE
- ROC HP3XX — ROC 2023 MOUND HANDPIT
- ROC RBH4XX — ROC 2023 NR MOUND BOREHOLE
- ROC RBH5XX — ROC 2023 ADDITIONAL TCE BOREHOLES
- APPROX PLOT NT02 BOUNDARY
- APPROX PLOT NT03 BOUNDARY
- APPROX PLOT NT04 BOUNDARY

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PROJECT TITLE: PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE: ALL EXPLORATORY HOLE LOCATIONS

DRAWING No.: 4328-ROC-ZZ-XX-DR-ES-ES201D

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NOTES

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- LK RBHX — LK CONSULT ROTARY BOREHOLE
- ROC RBH2XX — ROC 2022 ROTARY BOREHOLE WITH INSTALL
- ROC RBH2XX — ROC 2022 WINDOW SAMPLE BOREHOLE WITH INSTALL
- ROC RBH2XX — ROC 2022 WINDOW SAMPLE BOREHOLE
- ROC TP2XX — ROC 2022 TRIAL PIT
- ROC RBH3XX — ROC 2023 ROTARY BOREHOLE (ENVIRONMENTAL OR COMBINED) WITH INSTALL
- ROC RBH3XX — ROC 2023 ROTARY BOREHOLE (GEOTECHNICAL ONLY) WITH INSTALL
- ROC WS3XX — ROC 2023 WINDOW SAMPLE BOREHOLE
- ROC WS3XX — ROC 2023 WINDOW SAMPLE BOREHOLE
- ROC TP3XX — ROC 2023 TRIAL PIT
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- ROC RBH5XX — ROC 2023 ADDITIONAL TCE BOREHOLES
- APPROX PLOT NT02 BOUNDARY
- APPROX PLOT NT03 BOUNDARY
- APPROX PLOT NT04 BOUNDARY

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PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
ALL EXPLORATORY HOLE LOCATIONS MASTERPLAN OVERLAY

DRAWING No. 4328-ROC-ZZ-XX-DR-ES-ES201E
REV. 01

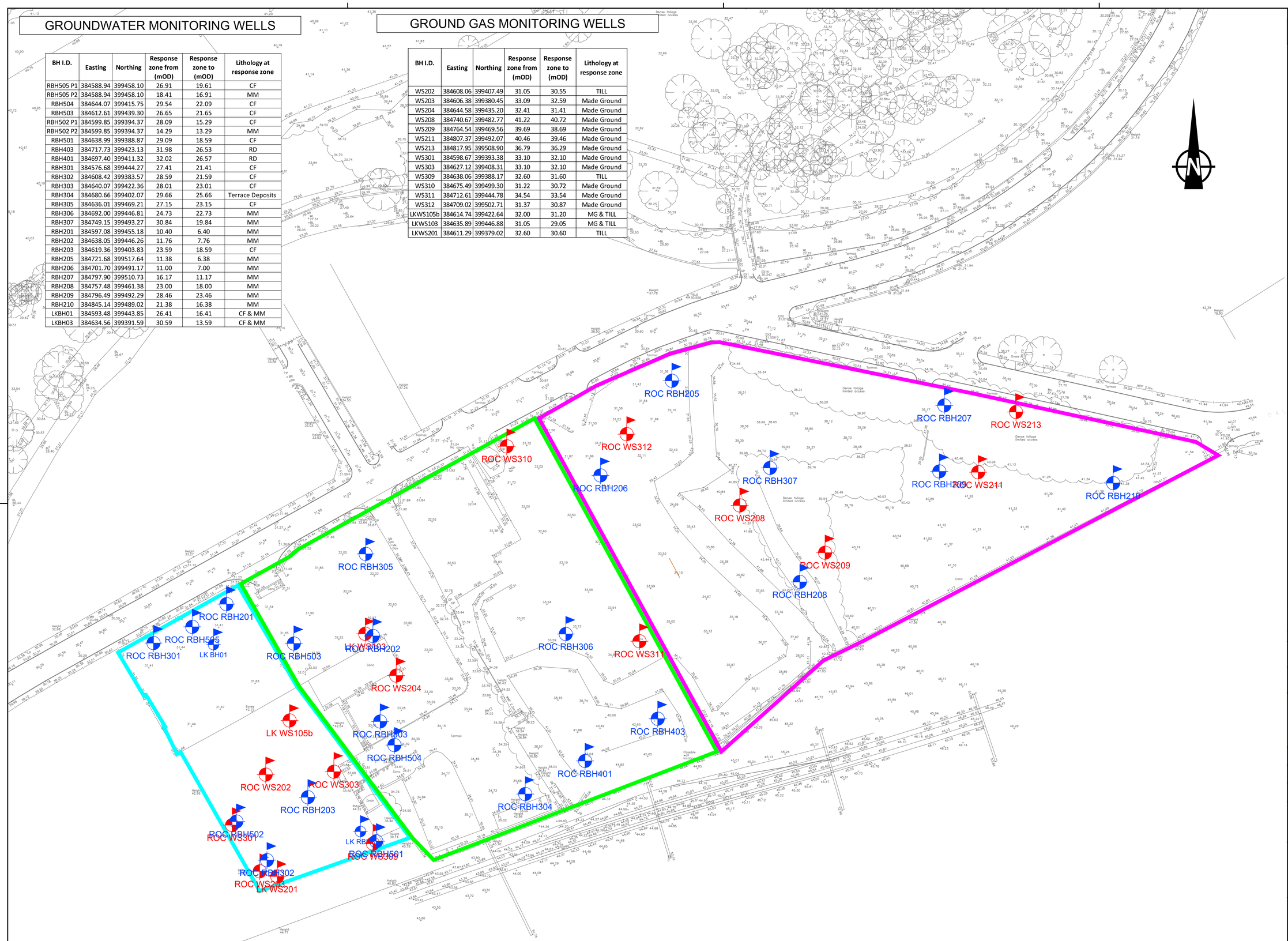
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GROUNDWATER MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
RBH505 P1	384588.94	399458.10	26.91	19.61	CF
RBH505 P2	384588.94	399458.10	18.41	16.91	MM
RBH504	384644.07	399415.75	29.54	22.09	CF
RBH503	384612.61	399439.30	26.65	21.65	CF
RBH502 P1	384599.85	399394.37	28.09	15.29	CF
RBH502 P2	384599.85	399394.37	14.29	13.29	MM
RBH501	384638.99	399388.87	29.09	18.59	CF
RBH403	384717.73	399423.13	31.98	26.53	RD
RBH401	384697.40	399411.32	32.02	26.57	RD
RBH301	384576.68	399444.27	27.41	21.41	CF
RBH302	384608.42	399383.57	28.59	21.59	CF
RBH303	384640.07	399422.36	28.01	23.01	CF
RBH304	384680.66	399402.07	29.66	25.66	Terrace Deposits
RBH305	384636.01	399469.21	27.15	23.15	CF
RBH306	384692.00	399446.81	24.73	22.73	MM
RBH307	384749.15	399493.27	30.84	19.84	MM
RBH201	384597.08	399455.18	10.40	6.40	MM
RBH202	384638.05	399446.26	11.76	7.76	MM
RBH203	384619.36	399403.83	23.59	18.59	CF
RBH205	384721.68	399517.64	11.38	6.38	MM
RBH206	384701.70	399491.17	11.00	7.00	MM
RBH207	384797.90	399510.73	16.17	11.17	MM
RBH208	384757.48	399461.38	23.00	18.00	MM
RBH209	384796.49	399492.29	28.46	23.46	MM
RBH210	384845.14	399489.02	21.38	16.38	MM
LKBH01	384593.48	399443.85	26.41	16.41	CF & MM
LKBH03	384634.56	399391.59	30.59	13.59	CF & MM

GROUND GAS MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
WS202	384608.06	399407.49	31.05	30.55	TILL
WS203	384606.38	399380.45	33.09	32.59	Made Ground
WS204	384644.58	399435.20	32.41	31.41	Made Ground
WS208	384740.67	399482.77	41.22	40.72	Made Ground
WS209	384764.54	399469.56	39.69	38.69	Made Ground
WS211	384807.37	399492.07	40.46	39.46	Made Ground
WS213	384817.95	399508.90	36.79	36.29	Made Ground
WS301	384598.67	399393.38	33.10	32.10	Made Ground
WS303	384627.12	399408.31	33.10	32.10	Made Ground
WS309	384638.06	399388.17	32.60	31.60	TILL
WS310	384675.49	399499.30	31.22	30.72	Made Ground
WS311	384712.61	399444.78	34.54	33.54	Made Ground
WS312	384709.02	399502.71	31.37	30.87	Made Ground
LKWS105b	384614.74	399422.64	32.00	31.20	MG & TILL
LKWS103	384635.89	399446.88	31.05	29.05	MG & TILL
LKWS201	384611.29	399379.02	32.60	30.60	TILL



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NOTES

ROC RBH3XX — GROUNDWATER MONITORING WELL

ROC RBH3XX — GROUND GAS MONITORING WELL

APPROX PLOT NT02 BOUNDARY

APPROX PLOT NT03 BOUNDARY

APPROX PLOT NT04 BOUNDARY

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PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
GROUND GAS AND GROUNDWATER INSTALL LOCATIONS

DRAWING No.	REV.
4328-ROC-ZZ-XX-DR-ES-ES202	02

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NOTES

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- ROC RBH3XX — ROC 2023 ROTARY BOREHOLE (GEOTECHNICAL ONLY)
- ROC RBH2XX — ROC 2022 ROTARY BOREHOLE
- ROC RBH40X — ROC CONSULTING MOUND BOREHOLE
- ROC RBH50X — ROC CONSULTING ADDITIONAL TCE INVESTIGATION BOREHOLE
- APPROX PLOT NT02 BOUNDARY
- APPROX PLOT NT03 BOUNDARY
- APPROX PLOT NT04 BOUNDARY
- CONTOUR PLAN KEY



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CHESTER FORMATION SANDSTONE

MANCHESTER MARLS MUDSTONE

ROC RBH205 ROC RBH206 ROC RBH207 ROC RBH209 ROC RBH210 ROC RBH307 ROC RBH208 ROC RBH306 ROC RBH403 ROC RBH402 ROC RBH401 ROC RBH404 ROC RBH305 ROC RBH301 ROC RBH305 ROC RBH302 ROC RBH303 ROC RBH501 ROC RBH502 ROC WS301 ROC WS302 ROC WS303 ROC WS304 ROC WS304 ROC RBH501 ROC RBH302 ROC WS308

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PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
TOP OF CHESTER FORMATION CONTOUR PLAN

DRAWING No.	REV.
4328-ROC-ZZ-XX-DR-ES-ES204A	03

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NOTES

- ROC 2023 ROTARY BOREHOLE (ENVIRONMENTAL OR COMBINED) — ROC RBH3XX
- ROC 2023 ROTARY BOREHOLE (GEOTECHNICAL ONLY) — ROC RBH3XX
- ROC 2022 ROTARY BOREHOLE — ROC RBH2XX
- LK CONSULT AS DUG ROTARY BOREHOLE — LK RBHX
- ROC CONSULTING MOUND BOREHOLE — ROC RBH40X
- ROC CONSULTING ADDITIONAL TCE INVESTIGATION BOREHOLE — ROC RBH50X
- APPROX PLOT NT02 BOUNDARY
- APPROX PLOT NT03 BOUNDARY
- APPROX PLOT NT04 BOUNDARY

34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15

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4. ALL LEVELS ARE IN mAOD UNLESS STATED OTHERWISE
5. BEDROCK LEVELS ARE BASED ON SPT REFUSALS AND MATERIAL LOGGED ON SITE AS BEING WEATHERED CHESTER FORMATION / MANCHESTER MARLS
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PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
MANCHESTER MARLS CONTOUR PLAN

DRAWING No. 4328-ROC-ZZ-XX-DR-ES-ES204B
REV. 03

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GROUNDWATER MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
RBH505 P1	384588.94	399458.10	26.91	19.61	CF
RBH505 P2	384588.94	399458.10	18.41	16.91	MM
RBH504	384644.07	399415.75	29.54	22.09	CF
RBH503	384612.61	399439.30	26.65	21.65	CF
RBH502 P1	384599.85	399394.37	28.09	15.29	CF
RBH502 P2	384599.85	399394.37	14.29	13.29	MM
RBH501	384638.99	399388.87	29.09	18.59	CF
RBH403	384717.73	399423.13	31.98	26.53	RD
RBH401	384697.40	399411.32	32.02	26.57	RD
RBH301	384576.68	399444.27	27.41	21.41	CF
RBH302	384608.42	399383.57	28.59	21.59	CF
RBH303	384640.07	399422.36	28.01	23.01	CF
RBH304	384680.66	399402.07	29.66	25.66	Terrace Deposits
RBH305	384636.01	399469.21	27.15	23.15	CF
RBH306	384692.00	399446.81	24.73	22.73	MM
RBH307	384749.15	399493.27	30.84	19.84	MM
RBH201	384597.08	399455.18	10.40	6.40	MM
RBH202	384638.05	399446.26	11.76	7.76	MM
RBH203	384619.36	399403.83	23.59	18.59	CF
RBH205	384721.68	399517.64	11.38	6.38	MM
RBH206	384701.70	399491.17	11.00	7.00	MM
RBH207	384797.90	399510.73	16.17	11.17	MM
RBH208	384757.48	399461.38	23.00	18.00	MM
RBH209	384796.49	399492.29	28.46	23.46	MM
RBH210	384845.14	399489.02	21.38	16.38	MM
LKBH01	384593.48	399443.85	26.41	16.41	CF & MM
LKBH03	384634.56	399391.59	30.59	13.59	CF & MM

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NOTES

ROC RBH3XX — GROUNDWATER MONITORING WELL

ROC RBH3XX — GROUND GAS MONITORING WELL

- APPROX PLOT NT02 BOUNDARY
- APPROX PLOT NT03 BOUNDARY
- APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
2. EXPLORATORY HOLE LOCATIONS SHOWN AT APPROXIMATE EXTENTS.
3. EXISTING SITE LEVEL INFORMATION TAKEN FROM PARAGON SURVEYS TOPOGRAPHICAL SURVEY REF:PS-2158-TS--00
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6 Commercial Street
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W rocconsulting.com

DRAWN RM	DATE JUN 23	SCALES 1:500
CHECKED LR	DATE JUN 23	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE --DO NOT SCALE--
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CLIENT: FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE: PLOTS NT02, NT03 & NT04 NORTHERN GATEWAY

DRAWING TITLE: GROUNDWATER CONTOURS ALL LITHOLOGIES APRIL TO JUNE 2023

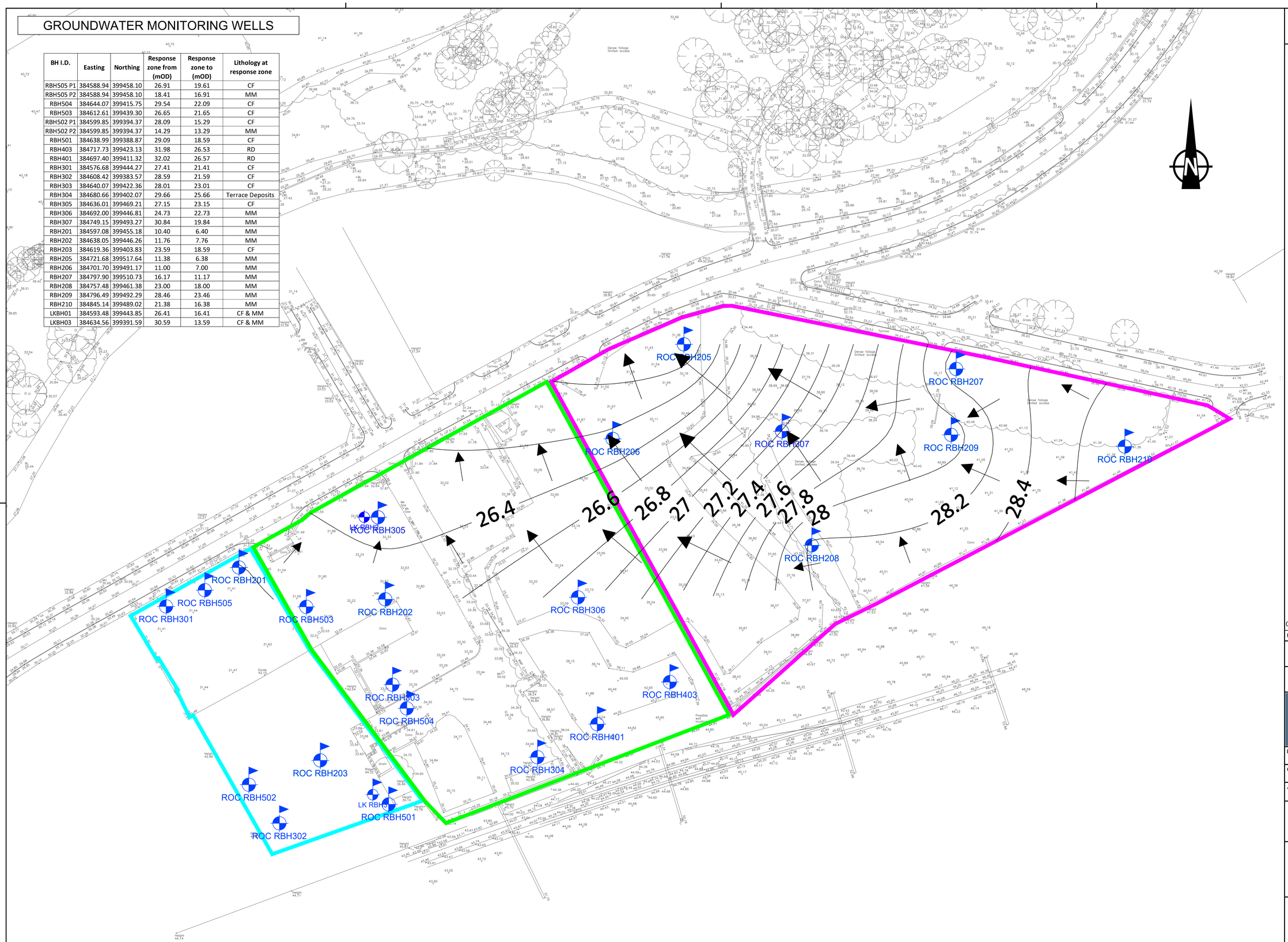
DRAWING No. 4328-ROC-ZZ-XX-DR-ES-ES205A | REV. 01

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GROUNDWATER MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
RBH505 P1	384588.94	399458.10	26.91	19.61	CF
RBH505 P2	384588.94	399458.10	18.41	16.91	MM
RBH504	384644.07	399415.75	29.54	22.09	CF
RBH503	384612.61	399439.30	26.65	21.65	CF
RBH502 P1	384599.85	399394.37	28.09	15.29	CF
RBH502 P2	384599.85	399394.37	14.29	13.29	MM
RBH501	384638.99	399388.87	29.09	18.59	CF
RBH403	384717.73	399423.13	31.98	26.53	RD
RBH401	384697.40	399411.32	32.02	26.57	RD
RBH301	384576.68	399444.27	27.41	21.41	CF
RBH302	384608.42	399383.57	28.59	21.59	CF
RBH303	384640.07	399422.36	28.01	23.01	CF
RBH304	384680.66	399402.07	29.66	25.66	Terrace Deposits
RBH305	384636.01	399469.21	27.15	23.15	CF
RBH306	384692.00	399446.81	24.73	22.73	MM
RBH307	384749.15	399493.27	30.84	19.84	MM
RBH201	384597.08	399455.18	10.40	6.40	MM
RBH202	384638.05	399446.26	11.76	7.76	MM
RBH203	384619.36	399403.83	23.59	18.59	CF
RBH205	384721.68	399517.64	11.38	6.38	MM
RBH206	384701.70	399491.17	11.00	7.00	MM
RBH207	384797.90	399510.73	16.17	11.17	MM
RBH208	384757.48	399461.38	23.00	18.00	MM
RBH209	384796.49	399492.29	28.46	23.46	MM
RBH210	384845.14	399489.02	21.38	16.38	MM
LKBH01	384593.48	399443.85	26.41	16.41	CF & MM
LKBH03	384634.56	399391.59	30.59	13.59	CF & MM



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NOTES

ROC RBH3XX — GROUNDWATER MONITORING WELL

ROC RBH3XX — GROUND GAS MONITORING WELL

- APPROX PLOT NT02 BOUNDARY
- APPROX PLOT NT03 BOUNDARY
- APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
2. EXPLORATORY HOLE LOCATIONS SHOWN AT APPROXIMATE EXTENTS
3. EXISTING SITE LEVEL INFORMATION TAKEN FROM PARAGON SURVEYS TOPOGRAPHICAL SURVEY REF:PS-2158-TS--00
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01	JUN 23	FIRST ISSUE	RM	LR

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APPRVD. LR	DATE JUN 2023	EMAIL FOR DRAWINGS info@rocconsulting.com

CLIENT
FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
GROUNDWATER CONTOURS MARLS SEPTEMBER 2022

DRAWING No.	REV.
4328-ROC-ZZ-XX-DR-ES-ES201B	01

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GROUNDWATER MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
RBH505 P1	384588.94	399458.10	26.91	19.61	CF
RBH505 P2	384588.94	399458.10	18.41	16.91	MM
RBH504	384644.07	399415.75	29.54	22.09	CF
RBH503	384612.61	399439.30	26.65	21.65	CF
RBH502 P1	384599.85	399394.37	28.09	15.29	CF
RBH502 P2	384599.85	399394.37	14.29	13.29	MM
RBH501	384638.99	399388.87	29.09	18.59	CF
RBH403	384717.73	399423.13	31.98	26.53	RD
RBH401	384697.40	399411.32	32.02	26.57	RD
RBH301	384576.68	399444.27	27.41	21.41	CF
RBH302	384608.42	399383.57	28.59	21.59	CF
RBH303	384640.07	399422.36	28.01	23.01	CF
RBH304	384680.66	399402.07	29.66	25.66	Terrace Deposits
RBH305	384636.01	399469.21	27.15	23.15	CF
RBH306	384692.00	399446.81	24.73	22.73	MM
RBH307	384749.15	399493.27	30.84	19.84	MM
RBH201	384597.08	399455.18	10.40	6.40	MM
RBH202	384638.05	399446.26	11.76	7.76	MM
RBH203	384619.36	399403.83	23.59	18.59	CF
RBH205	384721.68	399517.64	11.38	6.38	MM
RBH206	384701.70	399491.17	11.00	7.00	MM
RBH207	384797.90	399510.73	16.17	11.17	MM
RBH208	384757.48	399461.38	23.00	18.00	MM
RBH209	384796.49	399492.29	28.46	23.46	MM
RBH210	384845.14	399489.02	21.38	16.38	MM
LKBH01	384593.48	399443.85	26.41	16.41	CF & MM
LKBH03	384634.56	399391.59	30.59	13.59	CF & MM

ROC RBH205
ROC RBH207
ROC RBH206
ROC RBH307
ROC RBH209
ROC RBH210
ROC RBH208
ROC RBH305
ROC RBH306
ROC RBH201
ROC RBH505
ROC RBH301
ROC RBH503
ROC RBH202
ROC RBH403
ROC RBH303
ROC RBH504
ROC RBH401
ROC RBH304
ROC RBH203
ROC RBH502
LK RBH01
ROC RBH501
ROC RBH302
26.6
26.7
26.7
26.8
26.8
26.9

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NOTES

ROC RBH3XX — GROUNDWATER MONITORING WELL

ROC RBH3XX — GROUND GAS MONITORING WELL

- APPROX PLOT NT02 BOUNDARY
- APPROX PLOT NT03 BOUNDARY
- APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
2. EXPLORATORY HOLE LOCATIONS SHOWN AT APPROXIMATE EXTENTS.
3. EXISTING SITE LEVEL INFORMATION TAKEN FROM PARAGON SURVEYS TOPOGRAPHICAL SURVEY REF PS-2158-TS--00
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01	JUN 23	FIRST ISSUE	RM	LR

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RoC CONSULTING
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DRAWN	DATE	SCALES
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LR	JUN 23	
APPRVD.	DATE	EMAIL FOR DRAWINGS
LR	JUN 23	info@rocconsulting.com

CLIENT
FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
GROUNDWATER CONTOURS CHESTER FORMATION & MARL APRIL TO JUNE 2023

DRAWING No.	REV.
4328-ROC-ZZ-XX-DR-ES-ES205C	01

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GROUNDWATER MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
RBH505 P1	384588.94	399458.10	26.91	19.61	CF
RBH505 P2	384588.94	399458.10	18.41	16.91	MM
RBH504	384644.07	399415.75	29.54	22.09	CF
RBH503	384612.61	399439.30	26.65	21.65	CF
RBH502 P1	384599.85	399394.37	28.09	15.29	CF
RBH502 P2	384599.85	399394.37	14.29	13.29	MM
RBH501	384638.99	399388.87	29.09	18.59	CF
RBH403	384717.73	399423.13	31.98	26.53	RD
RBH401	384697.40	399411.32	32.02	26.57	RD
RBH301	384576.68	399444.27	27.41	21.41	CF
RBH302	384608.42	399383.57	28.59	21.59	CF
RBH303	384640.07	399422.36	28.01	23.01	CF
RBH304	384680.66	399402.07	29.66	25.66	Terrace Deposits
RBH305	384636.01	399469.21	27.15	23.15	CF
RBH306	384692.00	399446.81	24.73	22.73	MM
RBH307	384749.15	399493.27	30.84	19.84	MM
RBH201	384597.08	399455.18	10.40	6.40	MM
RBH202	384638.05	399446.26	11.76	7.76	MM
RBH203	384619.36	399403.83	23.59	18.59	CF
RBH205	384721.68	399517.64	11.38	6.38	MM
RBH206	384701.70	399491.17	11.00	7.00	MM
RBH207	384797.90	399510.73	16.17	11.17	MM
RBH208	384757.48	399461.38	23.00	18.00	MM
RBH209	384796.49	399492.29	28.46	23.46	MM
RBH210	384845.14	399489.02	21.38	16.38	MM
LKBH01	384593.48	399443.85	26.41	16.41	CF & MM
LKBH03	384634.56	399391.59	30.59	13.59	CF & MM

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NOTES

ROC RBH3XX GROUNDWATER MONITORING WELL

APPROX PLOT NT02 BOUNDARY

APPROX PLOT NT03 BOUNDARY

APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
2. EXPLORATORY HOLE LOCATIONS SHOWN AT APPROXIMATE EXTENTS.
3. EXISTING SITE LEVEL INFORMATION TAKEN FROM PARAGON SURVEYS TOPOGRAPHICAL SURVEY REF:PS-2158-TS--00
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CLIENT: FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE: PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE: GROUNDWATER CONTOURS MARLS DECEMBER 2022 TO FEBURARY 2023

DRAWING No.: 4328-ROC-ZZ-XX-DR-ES-ES205D

REV.: 01

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GROUNDWATER MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
RBH505 P1	384588.94	399458.10	26.91	19.61	CF
RBH505 P2	384588.94	399458.10	18.41	16.91	MM
RBH504	384644.07	399415.75	29.54	22.09	CF
RBH503	384612.61	399439.30	26.65	21.65	CF
RBH502 P1	384599.85	399394.37	28.09	15.29	CF
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RBH501	384638.99	399388.87	29.09	18.59	CF
RBH403	384717.73	399423.13	31.98	26.53	RD
RBH401	384697.40	399411.32	32.02	26.57	RD
RBH301	384576.68	399444.27	27.41	21.41	CF
RBH302	384608.42	399383.57	28.59	21.59	CF
RBH303	384640.07	399422.36	28.01	23.01	CF
RBH304	384680.66	399402.07	29.66	25.66	Terrace Deposits
RBH305	384636.01	399469.21	27.15	23.15	CF
RBH306	384692.00	399446.81	24.73	22.73	MM
RBH307	384749.15	399493.27	30.84	19.84	MM
RBH201	384597.08	399455.18	10.40	6.40	MM
RBH202	384638.05	399446.26	11.76	7.76	MM
RBH203	384619.36	399403.83	23.59	18.59	CF
RBH205	384721.68	399517.64	11.38	6.38	MM
RBH206	384701.70	399491.17	11.00	7.00	MM
RBH207	384797.90	399510.73	16.17	11.17	MM
RBH208	384757.48	399461.38	23.00	18.00	MM
RBH209	384796.49	399492.29	28.46	23.46	MM
RBH210	384845.14	399489.02	21.38	16.38	MM
LKBH01	384593.48	399443.85	26.41	16.41	CF & MM
LKBH03	384634.56	399391.59	30.59	13.59	CF & MM

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NOTES

ROC RBHXXX GROUNDWATER MONITORING WELL

APPROX PLOT NT02 BOUNDARY

APPROX PLOT NT03 BOUNDARY

APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
2. EXPLORATORY HOLE LOCATIONS SHOWN AT APPROXIMATE EXTENTS.
3. EXISTING SITE LEVEL INFORMATION TAKEN FROM PARAGON SURVEYS TOPOGRAPHICAL SURVEY REF:PS-2158-TS--00
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APPRVD. AS	DATE DEC 23	EMAIL FOR DRAWINGS info@rocconsulting.com

CLIENT
FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
GROUNDWATER CONTOURS CHESTER FORMATION 31/07/2023

DRAWING No.	REV.
4328-ROC-ZZ-XX-DR-ES-ES205E	01

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GROUNDWATER MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
RBH505 P1	384588.94	399458.10	26.91	19.61	CF
RBH505 P2	384588.94	399458.10	18.41	16.91	MM
RBH504	384644.07	399415.75	29.54	22.09	CF
RBH503	384612.61	399439.30	26.65	21.65	CF
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RBH403	384717.73	399423.13	31.98	26.53	RD
RBH401	384697.40	399411.32	32.02	26.57	RD
RBH301	384576.68	399444.27	27.41	21.41	CF
RBH302	384608.42	399383.57	28.59	21.59	CF
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RBH304	384680.66	399402.07	29.66	25.66	Terrace Deposits
RBH305	384636.01	399469.21	27.15	23.15	CF
RBH306	384692.00	399446.81	24.73	22.73	MM
RBH307	384749.15	399493.27	30.84	19.84	MM
RBH201	384597.08	399455.18	10.40	6.40	MM
RBH202	384638.05	399446.26	11.76	7.76	MM
RBH203	384619.36	399403.83	23.59	18.59	CF
RBH205	384721.68	399517.64	11.38	6.38	MM
RBH206	384701.70	399491.17	11.00	7.00	MM
RBH207	384797.90	399510.73	16.17	11.17	MM
RBH208	384757.48	399461.38	23.00	18.00	MM
RBH209	384796.49	399492.29	28.46	23.46	MM
RBH210	384845.14	399489.02	21.38	16.38	MM
LKBH01	384593.48	399443.85	26.41	16.41	CF & MM
LKBH03	384634.56	399391.59	30.59	13.59	CF & MM

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NOTES

ROC RBHXXX GROUNDWATER MONITORING WELL

APPROX PLOT NT02 BOUNDARY

APPROX PLOT NT03 BOUNDARY

APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
2. EXPLORATORY HOLE LOCATIONS SHOWN AT APPROXIMATE EXTENTS.
3. EXISTING SITE LEVEL INFORMATION TAKEN FROM PARAGON SURVEYS TOPOGRAPHICAL SURVEY REF:PS-2158-TS--00
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RIBA STAGE

ROC CONSULTING
Commercial Wharf
6 Commercial Street
Manchester M15 4PZ
T 0161 214 5390
W rocconsulting.com

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CLIENT
FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
GROUNDWATER CONTOURS CHESTER FORMATION 31/08/2023

DRAWING No. 4328-ROC-ZZ-XX-DR-ES-ES205F

REV. 01

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GROUNDWATER MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
RBH505 P1	384588.94	399458.10	26.91	19.61	CF
RBH505 P2	384588.94	399458.10	18.41	16.91	MM
RBH504	384644.07	399415.75	29.54	22.09	CF
RBH503	384612.61	399439.30	26.65	21.65	CF
RBH502 P1	384599.85	399394.37	28.09	15.29	CF
RBH502 P2	384599.85	399394.37	14.29	13.29	MM
RBH501	384638.99	399388.87	29.09	18.59	CF
RBH403	384717.73	399423.13	31.98	26.53	RD
RBH401	384697.40	399411.32	32.02	26.57	RD
RBH301	384576.68	399444.27	27.41	21.41	CF
RBH302	384608.42	399383.57	28.59	21.59	CF
RBH303	384640.07	399422.36	28.01	23.01	CF
RBH304	384680.66	399402.07	29.66	25.66	Terrace Deposits
RBH305	384636.01	399469.21	27.15	23.15	CF
RBH306	384692.00	399446.81	24.73	22.73	MM
RBH307	384749.15	399493.27	30.84	19.84	MM
RBH201	384597.08	399455.18	10.40	6.40	MM
RBH202	384638.05	399446.26	11.76	7.76	MM
RBH203	384619.36	399403.83	23.59	18.59	CF
RBH205	384721.68	399517.64	11.38	6.38	MM
RBH206	384701.70	399491.17	11.00	7.00	MM
RBH207	384797.90	399510.73	16.17	11.17	MM
RBH208	384757.48	399461.38	23.00	18.00	MM
RBH209	384796.49	399492.29	28.46	23.46	MM
RBH210	384845.14	399489.02	21.38	16.38	MM
LKBH01	384593.48	399443.85	26.41	16.41	CF & MM
LKBH03	384634.56	399391.59	30.59	13.59	CF & MM

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NOTES

ROC RBHXXX GROUNDWATER MONITORING WELL

APPROX PLOT NT02 BOUNDARY

APPROX PLOT NT03 BOUNDARY

APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
2. EXPLORATORY HOLE LOCATIONS SHOWN AT APPROXIMATE EXTENTS.
3. EXISTING SITE LEVEL INFORMATION TAKEN FROM PARAGON SURVEYS TOPOGRAPHICAL SURVEY REF:PS-2158-TS--00
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6 Commercial Street
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W rocconsulting.com

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CLIENT
FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
GROUNDWATER CONTOURS CHESTER FORMATION 13/11/2023

DRAWING No.	REV.
4328-ROC-ZZ-XX-DR-ES-ES205G	01

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GROUNDWATER MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
RBH505 P1	384588.94	399458.10	26.91	19.61	CF
RBH505 P2	384588.94	399458.10	18.41	16.91	MM
RBH504	384644.07	399415.75	29.54	22.09	CF
RBH503	384612.61	399439.30	26.65	21.65	CF
RBH502 P1	384599.85	399394.37	28.09	15.29	CF
RBH502 P2	384599.85	399394.37	14.29	13.29	MM
RBH501	384638.99	399388.87	29.09	18.59	CF
RBH403	384717.73	399423.13	31.98	26.53	RD
RBH401	384697.40	399411.32	32.02	26.57	RD
RBH301	384576.68	399444.27	27.41	21.41	CF
RBH302	384608.42	399383.57	28.59	21.59	CF
RBH303	384640.07	399422.36	28.01	23.01	CF
RBH304	384680.66	399402.07	29.66	25.66	Terrace Deposits
RBH305	384636.01	399469.21	27.15	23.15	CF
RBH306	384692.00	399446.81	24.73	22.73	MM
RBH307	384749.15	399493.27	30.84	19.84	MM
RBH201	384597.08	399455.18	10.40	6.40	MM
RBH202	384638.05	399446.26	11.76	7.76	MM
RBH203	384619.36	399403.83	23.59	18.59	CF
RBH205	384721.68	399517.64	11.38	6.38	MM
RBH206	384701.70	399491.17	11.00	7.00	MM
RBH207	384797.90	399510.73	16.17	11.17	MM
RBH208	384757.48	399461.38	23.00	18.00	MM
RBH209	384796.49	399492.29	28.46	23.46	MM
RBH210	384845.14	399489.02	21.38	16.38	MM
LKBH01	384593.48	399443.85	26.41	16.41	CF & MM
LKBH03	384634.56	399391.59	30.59	13.59	CF & MM

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NOTES

ROC RBHXXX GROUNDWATER MONITORING WELL

APPROX PLOT NT02 BOUNDARY

APPROX PLOT NT03 BOUNDARY

APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
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CLIENT
FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
GROUNDWATER CONTOURS CHESTER FORMATION 20/11/2023

DRAWING No. 4328-ROC-ZZ-XX-DR-ES-ES205H

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GROUNDWATER MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
RBH505 P1	384588.94	399458.10	26.91	19.61	CF
RBH505 P2	384588.94	399458.10	18.41	16.91	MM
RBH504	384644.07	399415.75	29.54	22.09	CF
RBH503	384612.61	399439.30	26.65	21.65	CF
RBH502 P1	384599.85	399394.37	28.09	15.29	CF
RBH502 P2	384599.85	399394.37	14.29	13.29	MM
RBH501	384638.99	399388.87	29.09	18.59	CF
RBH403	384717.73	399423.13	31.98	26.53	RD
RBH401	384697.40	399411.32	32.02	26.57	RD
RBH301	384576.68	399444.27	27.41	21.41	CF
RBH302	384608.42	399383.57	28.59	21.59	CF
RBH303	384640.07	399422.36	28.01	23.01	CF
RBH304	384680.66	399402.07	29.66	25.66	Terrace Deposits
RBH305	384636.01	399469.21	27.15	23.15	CF
RBH306	384692.00	399446.81	24.73	22.73	MM
RBH307	384749.15	399493.27	30.84	19.84	MM
RBH201	384597.08	399455.18	10.40	6.40	MM
RBH202	384638.05	399446.26	11.76	7.76	MM
RBH203	384619.36	399403.83	23.59	18.59	CF
RBH205	384721.68	399517.64	11.38	6.38	MM
RBH206	384701.70	399491.17	11.00	7.00	MM
RBH207	384797.90	399510.73	16.17	11.17	MM
RBH208	384757.48	399461.38	23.00	18.00	MM
RBH209	384796.49	399492.29	28.46	23.46	MM
RBH210	384845.14	399489.02	21.38	16.38	MM
LKBH01	384593.48	399443.85	26.41	16.41	CF & MM
LKBH03	384634.56	399391.59	30.59	13.59	CF & MM

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NOTES

ROC RBHXXX GROUNDWATER MONITORING WELL

APPROX PLOT NT02 BOUNDARY

APPROX PLOT NT03 BOUNDARY

APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
2. EXPLORATORY HOLE LOCATIONS SHOWN AT APPROXIMATE EXTENTS.
3. EXISTING SITE LEVEL INFORMATION TAKEN FROM PARAGON SURVEYS TOPOGRAPHICAL SURVEY REF:PS-2158-TS--00
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PROJECT TITLE: PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE: GROUNDWATER CONTOURS CHESTER FORMATION 01/12/2023

DRAWING No.	REV.
4328-ROC-ZZ-XX-DR-ES-ES205I	01

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GROUNDWATER MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
RBH505 P1	384588.94	399458.10	26.91	19.61	CF
RBH505 P2	384588.94	399458.10	18.41	16.91	MM
RBH504	384644.07	399415.75	29.54	22.09	CF
RBH503	384612.61	399439.30	26.65	21.65	CF
RBH502 P1	384599.85	399394.37	28.09	15.29	CF
RBH502 P2	384599.85	399394.37	14.29	13.29	MM
RBH501	384638.99	399388.87	29.09	18.59	CF
RBH403	384717.73	399423.13	31.98	26.53	RD
RBH401	384697.40	399411.32	32.02	26.57	RD
RBH301	384576.68	399444.27	27.41	21.41	CF
RBH302	384608.42	399383.57	28.59	21.59	CF
RBH303	384640.07	399422.36	28.01	23.01	CF
RBH304	384680.66	399402.07	29.66	25.66	Terrace Deposits
RBH305	384636.01	399469.21	27.15	23.15	CF
RBH306	384692.00	399446.81	24.73	22.73	MM
RBH307	384749.15	399493.27	30.84	19.84	MM
RBH201	384597.08	399455.18	10.40	6.40	MM
RBH202	384638.05	399446.26	11.76	7.76	MM
RBH203	384619.36	399403.83	23.59	18.59	CF
RBH205	384721.68	399517.64	11.38	6.38	MM
RBH206	384701.70	399491.17	11.00	7.00	MM
RBH207	384797.90	399510.73	16.17	11.17	MM
RBH208	384757.48	399461.38	23.00	18.00	MM
RBH209	384796.49	399492.29	28.46	23.46	MM
RBH210	384845.14	399489.02	21.38	16.38	MM
LKBH01	384593.48	399443.85	26.41	16.41	CF & MM
LKBH03	384634.56	399391.59	30.59	13.59	CF & MM

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NOTES

ROC RBHXXX — GROUNDWATER MONITORING WELL

APPROX PLOT NT02 BOUNDARY

APPROX PLOT NT03 BOUNDARY

APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
2. EXPLORATORY HOLE LOCATIONS SHOWN AT APPROXIMATE EXTENTS.
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PROJECT TITLE: PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE: GROUNDWATER CONTOURS MANCHESTER MARLS 31/08/2023

DRAWING No.: 4328-ROC-ZZ-XX-DR-ES-ES205J

REV.: 01

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GROUNDWATER MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
RBH505 P1	384588.94	399458.10	26.91	19.61	CF
RBH505 P2	384588.94	399458.10	18.41	16.91	MM
RBH504	384644.07	399415.75	29.54	22.09	CF
RBH503	384612.61	399439.30	26.65	21.65	CF
RBH502 P1	384599.85	399394.37	28.09	15.29	CF
RBH502 P2	384599.85	399394.37	14.29	13.29	MM
RBH501	384638.99	399388.87	29.09	18.59	CF
RBH403	384717.73	399423.13	31.98	26.53	RD
RBH401	384697.40	399411.32	32.02	26.57	RD
RBH301	384576.68	399444.27	27.41	21.41	CF
RBH302	384608.42	399383.57	28.59	21.59	CF
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RBH304	384680.66	399402.07	29.66	25.66	Terrace Deposits
RBH305	384636.01	399469.21	27.15	23.15	CF
RBH306	384692.00	399446.81	24.73	22.73	MM
RBH307	384749.15	399493.27	30.84	19.84	MM
RBH201	384597.08	399455.18	10.40	6.40	MM
RBH202	384638.05	399446.26	11.76	7.76	MM
RBH203	384619.36	399403.83	23.59	18.59	CF
RBH205	384721.68	399517.64	11.38	6.38	MM
RBH206	384701.70	399491.17	11.00	7.00	MM
RBH207	384797.90	399510.73	16.17	11.17	MM
RBH208	384757.48	399461.38	23.00	18.00	MM
RBH209	384796.49	399492.29	28.46	23.46	MM
RBH210	384845.14	399489.02	21.38	16.38	MM
LKBH01	384593.48	399443.85	26.41	16.41	CF & MM
LKBH03	384634.56	399391.59	30.59	13.59	CF & MM

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NOTES

ROC RBHXXX — GROUNDWATER MONITORING WELL

APPROX PLOT NT02 BOUNDARY

APPROX PLOT NT03 BOUNDARY

APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
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PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
GROUNDWATER CONTOURS
MANCHESTER MARLS
20/11/2023

DRAWING No.	REV.
4328-ROC-ZZ-XX-DR-ES-ES205K	01

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NOTES

ROC TP2XX — ROC FOUNDATION EXPOSURE

ROC HP2XX — ROC 2023 HAND PIT (MOUND)

APPROX PLOT NT02 BOUNDARY

APPROX PLOT NT03 BOUNDARY

APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
2. EXPLORATORY HOLE LOCATIONS SHOWN AT APPROXIMATE EXTENTS.
3. EXISTING SITE LEVEL INFORMATION TAKEN FROM PARAGON SURVEYS TOPOGRAPHICAL SURVEY REF:PS-2158-TS--00
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DRAWN: JF	DATE: JUN 23	SCALES: 1:500
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CLIENT: FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE: PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE: STRUCTURAL EXCAVATIONS PHOTOGRAPHY PLAN

DRAWING No.	REV.
4328-ROC-ZZ-XX-DR-ES-ES206	01

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NOTES

- LK WSX — LK AS DUG WINDOW SAMPLE BOREHOLE
- LK RBHX — LK CONSULT AS DUG ROTARY BOREHOLE
- ROC RBH2XX — ROC 2022 ROTARY BOREHOLE
- ROC WS2XX — ROC 2022 WINDOW SAMPLE BOREHOLE
- ROC TP2XX — ROC 2022 TRIAL PIT
- ROC RBH3XX — ROC 2023 ROTARY BOREHOLE (ENVIRONMENTAL OR COMBINED)
- ROC RBH3XX — ROC 2023 ROTARY BOREHOLE (GEOTECHNICAL ONLY)
- ROC WS3XX — ROC 2023 WINDOW SAMPLE BOREHOLE
- ROC TP3XX — ROC 2023 TRIAL PIT
- ROC HP301 — ROC 2023 HAND PIT (MOUND)
- ROC RBH4XX — ROC 2023 NR MOUND BOREHOLE
- ROC RBH5XX — ROC 2023 ADDITIONAL TCE BOREHOLES
- SOIL ASSESSMENT AREA 1
- SOIL ASSESSMENT AREA 2
- SOIL ASSESSMENT AREA 3
- SOIL ASSESSMENT AREA 4
- SOIL ASSESSMENT AREA 5

DRAWING NOTES

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CLIENT: FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE: PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE: SOI. ASSESSMENT AREAS AND GRADING

DRAWING No.: 4328-ROC-ZZ-XX-DR-ES-ES207

REV.: 02

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	WS202
Date	21/7/22
Trichloroethene	<0.001
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	RBH503
Date	31/10/23
Trichloroethene	<0.001
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	TP203
Date	12/7/22
Trichloroethene	<0.001
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	WS204
Date	13/7/22
Trichloroethene	<0.001
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	RBH504
Date	02/11/23
Trichloroethene	0.049
SUM - 1,2 Dichloroethene (cis and trans)	0.009
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	RBH502
Date	03/11/23
Trichloroethene	0.018
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	0.002
Chloroform	<0.001

	RBH502
Date	07/11/23
Trichloroethene	0.011
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	0.028
Chloroform	0.005

	RBH505
Date	31/10/23
Trichloroethene	<0.001
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	WS301
Date	04/04/23
Trichloroethene	0.067
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	0.005
Chloroform	0.002

	WS301
Date	04/04/23
Trichloroethene	0.043
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	0.003
Chloroform	0.002

	WS304
Date	04/04/23
Trichloroethene	0.074
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	0.004
Chloroform	<0.001

	WS203
Date	21/7/22
Trichloroethene	0.03
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	WS307
Date	04/04/23
Trichloroethene	0.066
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	0.001

	WS302
Date	04/04/23
Trichloroethene	0.004
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	RBH203
Date	25/07/22
Trichloroethene	0.006
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	WS303
Date	03/04/23
Trichloroethene	0.036
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	0.008
Chloroform	0.002

	WS303
Date	03/04/23
Trichloroethene	0.007
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	WS306
Date	04/4/23
Trichloroethene	0.15
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	0.002

	WS306
Date	04/4/23
Trichloroethene	0.006
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	TP202
Date	13/07/22
Trichloroethene	0.012
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	WS308
Date	03/4/23
Trichloroethene	1.13
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	0.038
Chloroform	0.013

	WS308
Date	03/04/23
Trichloroethene	0.039
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	WS309
Date	03/04/23
Trichloroethene	0.003
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	RBH501
Date	01/11/23
Trichloroethene	0.151
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	<0.001
Chloroform	<0.001

	WS305
Date	03/04/23
Trichloroethene	0.427
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	0.009
Chloroform	0.005

	WS305
Date	03/04/23
Trichloroethene	0.06
SUM - 1,2 Dichloroethene (cis and trans)	<0.001
Vinyl Chloride	<0.001
Carbon Tetrachloride	0.002
Chloroform	0.001

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NOTES

TRICHLOROETHENE CONTAMINATION

- ROC RBH3XX — ROC 2023 ROTARY BOREHOLE (ENVIRONMENTAL OR COMBINED)
- ROC WS3XX — ROC 2023 WINDOW SAMPLE BOREHOLE
- ROC TP2XX — ROC 2023 TRIAL PIT
- ROC RBH2XX — ROC 2022 ROTARY BOREHOLE
- ROC RBH2XX — ROC 2022 WINDOW SAMPLE BOREHOLE

- MADE GROUND
- DEVENSIAN TILL
- CHESTER FORMATION
- MANCHESTER MARL
- CHLORINATED SOLVENT EXCEEDANCE OF GAC
- CHLORINATED SOLVENT BELOW GAC
- CHLORINATED SOLVENT NON-DETECT
- APPROX OUTLINE OF HISTORIC BOLTWORKS
- APPROX PLOT NT02 BOUNDARY
- APPROX PLOT NT03 BOUNDARY
- APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

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CLIENT: FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE: PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE: VOC CONTAMINATION DISTRIBUTION SOIL

DRAWING No.: 4328-ROC-ZZ-XX-DR-ES-ES208

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NOTES

- ROC RBH3XX — ROC 2023 ROTARY BOREHOLE (ENVIRONMENTAL OR COMBINED)
- ROC RBH2XX — ROC 2022 ROTARY BOREHOLE
- LK RBHX — LK ROTARY BOREHOLE WITH INSTALL
- LK RBHX — ROC 2023 PHASE ADDITIONAL TCE BOREHOLES
- ROC WS311 — ROC 2023 WINDOW SAMPLE BOREHOLE

MONITORING WELL RESPONSE ZONE GEOLOGY

- CHESTER FORMATION AND MANCHESTER MARL FORMATION
- CHESTER FORMATION
- MANCHESTER MARL FORMATION
- MADE GROUND
- EXCEEDANCE OF CONTROLLED WATER GAC
- APPROX PLOT NT02 BOUNDARY
- APPROX PLOT NT03 BOUNDARY
- APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

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	RBH201	RBH201 (Duplicate)
Date	27/09/2022	27/09/2022
Trichloroethene	<1	<1
SUM - 1,2 Dichloroethene (cis and trans)	4	<1
Vinyl Chloride	<1	<1
Carbon Tetrachloride	<1	<1
Chloroform	<1	<1

	RBH505 P1
Date	13/11/2023
Trichloroethene	<1
SUM - 1,2 Dichloroethene (cis and trans)	<1
Vinyl Chloride	<1
Carbon Tetrachloride	<1
Chloroform	<1

	RBH505 P2
Date	13/11/2023
Trichloroethene	<1
SUM - 1,2 Dichloroethene (cis and trans)	<1
Vinyl Chloride	<1
Carbon Tetrachloride	<1
Chloroform	1

	RBH301	RBH301
Date	04/05/2023	10/05/2023
Trichloroethene	<1	<1
SUM - 1,2 Dichloroethene (cis and trans)	86	102
Vinyl Chloride	2	1
Carbon Tetrachloride	<1	<1
Chloroform	<1	<1

	LKBH01	LKBH01 (Duplicate)	LK BH01
Date	27/09/2022	27/09/2022	19/01/2023
Trichloroethene	2	2	2
SUM - 1,2 Dichloroethene (cis and trans)	490	485	602
Vinyl Chloride	16	15	11
Carbon Tetrachloride	<1	<1	3
Chloroform	<1	<1	2

	RBH502 P1
Date	13/11/2023
Trichloroethene	3
SUM - 1,2 Dichloroethene (cis and trans)	<1
Vinyl Chloride	<1
Carbon Tetrachloride	24
Chloroform	21

	RBH502 P2
Date	20/11/2023
Trichloroethene	4
SUM - 1,2 Dichloroethene (cis and trans)	80
Vinyl Chloride	<1
Carbon Tetrachlorid	<1
Chloroform	4

	RBH305	RBH305	RBH305
Date	04/05/2023	11/05/2023	13/11/2023
Trichloroethene	3	<1	<1
SUM - 1,2 Dichloroethene (cis and trans)	<1	<1	<1
Vinyl Chloride	<1	<1	<1
Carbon Tetrachloride	2	<1	<1
Chloroform	3	2	<1

	RBH503
Date	13/11/2023
Trichloroethene	<1
SUM - 1,2 Dichloroethene (cis and trans)	100
Vinyl Chloride	44
Carbon Tetrachloride	<1
Chloroform	<1

	RBH202	RBH202 (Duplicate)
Date	27/09/2022	27/09/2022
Trichloroethene	4	3
SUM - 1,2 Dichloroethene (cis and trans)	<1	<1
Vinyl Chloride	<1	<1
Carbon Tetrachloride	<1	<1
Chloroform	<1	<1

	RBH303	RBH303
Date	04/05/2023	10/05/2023
Trichloroethene	277	221
SUM - 1,2 Dichloroethene (cis and trans)	81	84
Vinyl Chloride	<1	<1
Carbon Tetrachloride	38	22
Chloroform	9	9

	RBH504
Date	13/11/2023
Trichloroethene	17
SUM - 1,2 Dichloroethene (cis and trans)	151
Vinyl Chloride	<1
Carbon Tetrachloride	14
Chloroform	13

	WS311
Date	13/11/2023
Trichloroethene	<1
SUM - 1,2 Dichloroethene (cis and trans)	<1
Vinyl Chloride	<1
Carbon Tetrachloride	<1
Chloroform	<1

	RBH306	RBH306
Date	04/05/2023	11/05/2023
Trichloroethene	<1	<1
SUM - 1,2 Dichloroethene (cis and trans)	<1	<1
Vinyl Chloride	<1	<1
Carbon Tetrachloride	<1	<1
Chloroform	1	<1

	RBH302	RBH302	RBH302
Date	04/05/2023	10/05/2023	13/11/2023
Trichloroethene	4	3	2
SUM - 1,2 Dichloroethene (cis and trans)	1	1	<1
Vinyl Chloride	<1	<1	<1
Carbon Tetrachloride	207	159	142
Chloroform	28	25	17

	RBH203	RBH203	RBH203	RBH203	RBH203	RBH203
Date	27/09/2022	04/10/2022	19/01/2023	04/05/2023	10/05/2023	13/11/2023
Trichloroethene	480	572	418	214	200	215
SUM - 1,2 Dichloroethene (cis and trans)	2	2	4	4	3	4
Vinyl Chloride	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	95	104	265	164	107	84
Chloroform	54	77	195	163	121	59

	LK BH03	LK BH03	LK BH03	LK BH03
Date	04/10/2022	19/01/2023	04/05/2023	10/05/2023
Trichloroethene	250	80	43	39
SUM - 1,2 Dichloroethene (cis and trans)	3	6	3	4
Vinyl Chloride	<1	<1	<1	<1
Carbon Tetrachloride	58	73	53	48
Chloroform	33	49	27	32

	RBH501
Date	13/11/2023
Trichloroethene	27
SUM - 1,2 Dichloroethene (cis and trans)	2
Vinyl Chloride	<1
Carbon Tetrachloride	17
Chloroform	40

REV.	DATE	DETAILS	DRN.	CHK.
03	DEC 23	RBH502 P2 ADDED	RM	LR
02	NOV 23	UPDATE FOLLOWING ADDITIONAL SI	RM	LR
01	JAN 23	FIRST ISSUE	RM	LR

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CLIENT: FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE: PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE: VOC CONTAMINATION DISTRIBUTION IN GROUNDWATER

DRAWING No.: 4328-ROC-ZZ-XX-DR-ES-ES209A

REV.: 03

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NOTES

- ROC RBH3XX — ROC 2023 ROTARY BOREHOLE (ENVIRONMENTAL OR COMBINED)
- ROC RBH2XX — ROC 2022 ROTARY BOREHOLE
- LK RBHX — LK ROTARY BOREHOLE WITH INSTALL
- LK RBHX — ROC 2023 PHASE ADDITIONAL TCE BOREHOLES
- ROC WS311 — ROC 2023 WINDOW SAMPLE BOREHOLE

MONITORING WELL RESPONSE ZONE GEOLOGY

- CHESTER FORMATION AND MANCHESTER MARL FORMATION
- CHESTER FORMATION
- MANCHESTER MARL FORMATION
- MADE GROUND
- EXCEEDANCE OF CONTROLLED WATER GAC
- APPROX PLOT NT02 BOUNDARY
- APPROX PLOT NT03 BOUNDARY
- APPROX PLOT NT04 BOUNDARY

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	RBH201	RBH201 (Duplicate)
Date	27/09/2022	27/09/2022
Benzene	<1	<1
Ali >C12-C16	<5	<5
Aro >C12-C16	<5	<5
TPH (Ali & Aro >C5-C35)	<10	<10

	RBH505 P1	RBH505 P2
Date	13/11/2023	13/11/2023
Benzene	<1	137
Ali >C12-C16	<5	<5
Aro >C12-C16	<5	<5
TPH (Ali & Aro >C5-C35)	<10	128

	RBH301	RBH301
Date	04/05/2023	10/05/2023
Benzene	12	13
Ali >C12-C16	<5	<5
Aro >C12-C16	<5	<5
TPH (Ali & Aro >C5-C35)	17	17

	LKBH01	LKBH01 Duplicate	LKBH01
Date	27/09/2022	27/09/2022	19/01/2023
Benzene	258	186	27
Ali >C12-C16	<5	<5	<5
Aro >C12-C16	7	6	5
TPH (Ali & Aro >C5-C35)	263	204	41

	RBH502 P1	RBH502 P2
Date	13/11/2023	20/11/2023
Benzene	<1	385
Ali >C12-C16	1080	559
Aro >C12-C16	340	130
TPH (Ali & Aro >C5-C35)	1640	1100

	RBH305	RBH305	RBH305
Date	04/05/2023	11/05/2023	13/11/2023
Benzene	<1	<1	<1
Ali >C12-C16	<5	<5	<5
Aro >C12-C16	<5	<5	<5
TPH (Ali & Aro >C5-C35)	<10	<10	<10

	RBH503
Date	13/11/2023
Benzene	21
Ali >C12-C16	<5
Aro >C12-C16	<5
TPH (Ali & Aro >C5-C35)	26

	RBH202	RBH202 (Duplicate)
Date	27/09/2022	27/09/2022
Benzene	<1	<1
Ali >C12-C16	<5	<5
Aro >C12-C16	<5	<5
TPH (Ali & Aro >C5-C35)	<10	<10

	RBH303	RBH303
Date	04/05/2023	10/05/2023
Benzene	2	2
Ali >C12-C16	<5	<5
Aro >C12-C16	<5	<5
TPH (Ali & Aro >C5-C35)	<10	<10

	RBH504
Date	13/11/2023
Benzene	<1
Ali >C12-C16	<5
Aro >C12-C16	17
TPH (Ali & Aro >C5-C35)	61

	WS311
Date	13/11/2023
Benzene	1
Ali >C12-C16	<5
Aro >C12-C16	60
TPH (Ali & Aro >C5-C35)	168

	RBH306	RBH306
Date	04/05/2023	11/05/2023
Benzene	<1	<1
Ali >C12-C16	<5	<5
Aro >C12-C16	19	7
TPH (Ali & Aro >C5-C35)	48	21

	RBH302	RBH302	RBH302
Date	04/05/2023	10/05/2023	13/11/2023
Benzene	<1	<1	<1
Ali >C12-C16	<5	<5	<5
Aro >C12-C16	<5	<5	<5
TPH (Ali & Aro >C5-C35)	<10	<10	<10

	RBH203	RBH203	RBH203	RBH203	RBH203	RBH203
Date	27/09/2022	04/10/2022	19/01/2023	04/05/2023	10/05/2023	13/11/2023
Benzene	<1	<1	<1	<1	<1	1
Ali >C12-C16	<5	<5	<5	<5	<5	<5
Aro >C12-C16	<5	<5	<5	<5	5	<5
TPH (Ali & Aro >C5-C35)	<10	18	<10	10	15	<10

	LKBH03	LKBH03	LKBH03	LKBH03
Date	04/10/2022	19/01/2023	04/05/2023	10/05/2023
Benzene	<1	<1	<1	<1
Ali >C12-C16	<5	<5	<5	<5
Aro >C12-C16	<5	<5	<5	<5
TPH (Ali & Aro >C5-C35)	13	<10	<10	<10

	RBH501
Date	13/11/2023
Benzene	<1
Ali >C12-C16	<5
Aro >C12-C16	<5
TPH (Ali & Aro >C5-C35)	<10

REV.	DATE	DETAILS	DRN.	CHK.
01	DEC 23	FIRST ISSUE	RM	AS

DRAWING STATUS: INFORMATION

RIBA STAGE:

RoC CONSULTING
Commercial Wharf
6 Commercial Street
Manchester M15 4PZ
T 0161 214 5390
W rocconsulting.com

DRAWN	DATE	SCALES
RM	DEC 23	1:500
CHECKED: AS	DATE: DEC 23	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE --DO NOT SCALE--
APPRVD.: AS	DATE: DEC 23	EMAIL FOR DRAWINGS: info@rocconsulting.com

CLIENT: FAR EAST CONSORTIUM INTERNATIONAL LTD

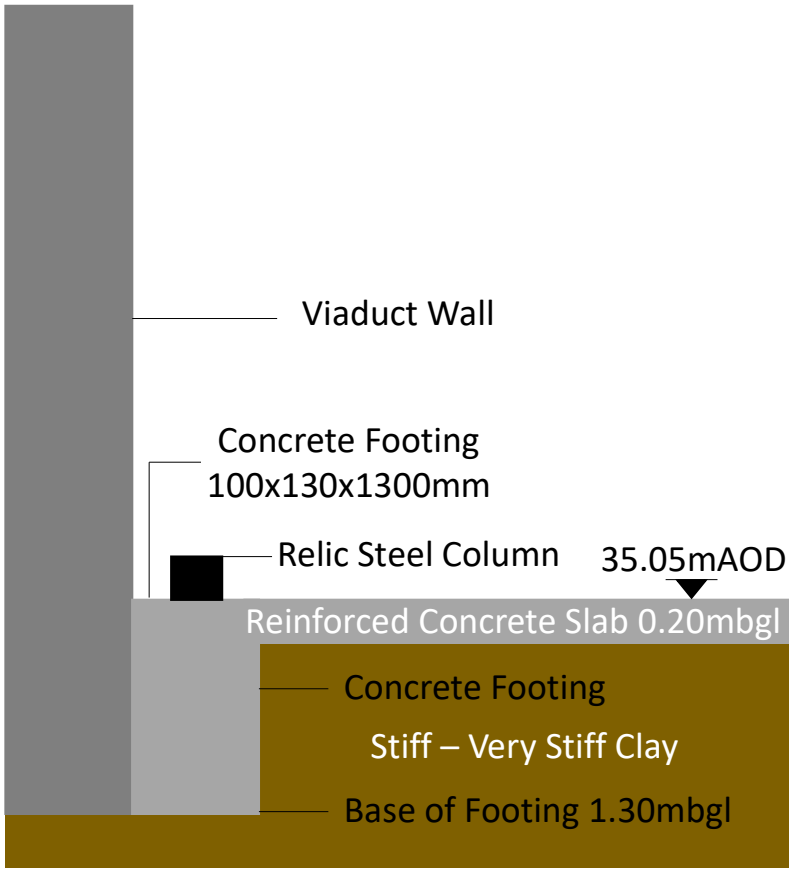
PROJECT TITLE: PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE: TPH CONTAMINATION DISTRIBUTION IN GROUNDWATER

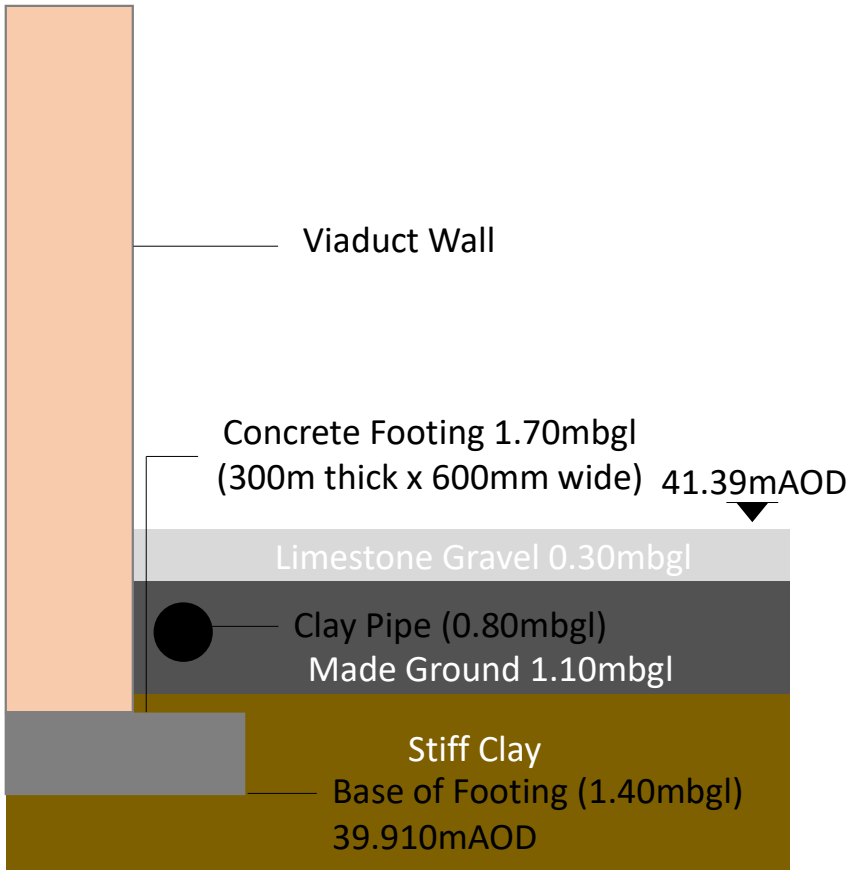
DRAWING No.: 4328-ROC-ZZ-XX-DR-ES-ES209B | REV.: 01

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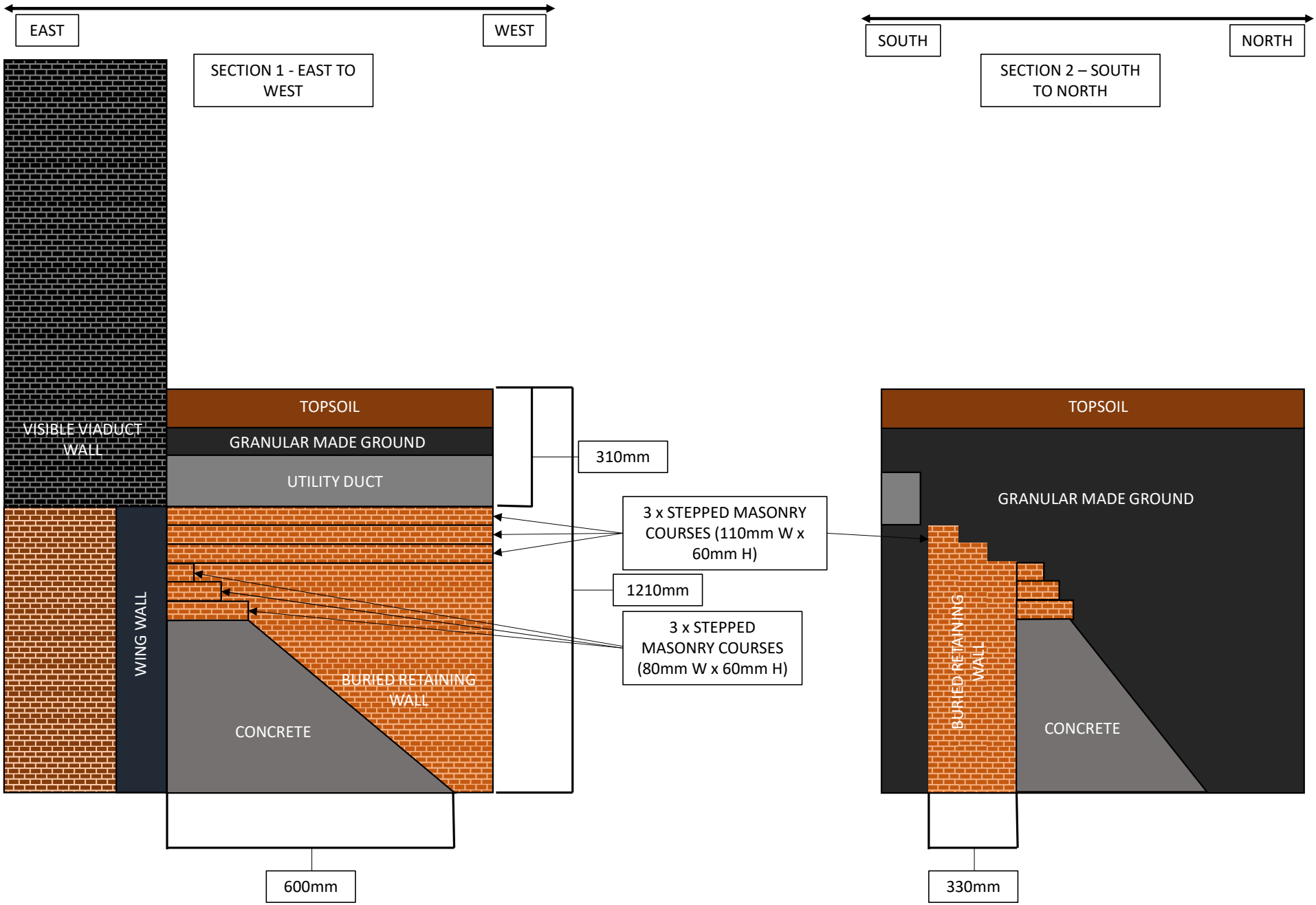


TP208 Foundation Exposure

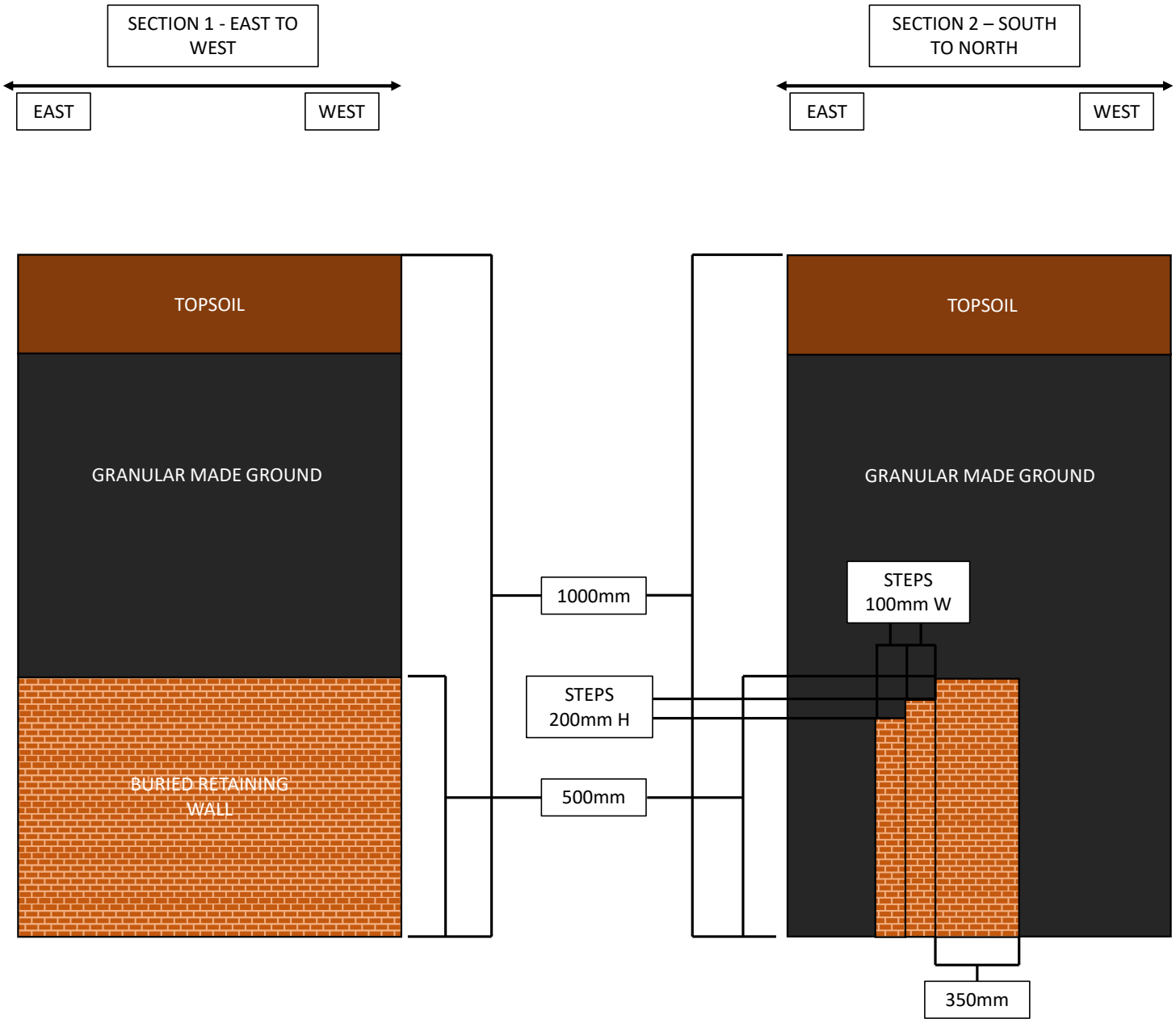


TP220 Foundation Exposure

JOB NO	4328	SKETCH NO	4328-ROC-ZZ-XX-SK-ES-ESK110	DRAWN BY : RM 02/09/2022
PROJECT TITLE	Plots NT02-NT04	SKETCH TITLE	Viaduct Foundation Exposure Sections	



JOB NO	4328	SKETCH NO	4328-ROC-ZZ-XX-SK-ES-ESK111	DRAWN BY RM
PROJECT TITLE	Plots NT02-NT04	SKETCH TITLE	NETWORK RAIL MOUND HDP201 SECTIONS	



JOB NO	4328	SKETCH NO	4328-ROC-ZZ-XX-SK-ES-ESK111	DRAWN BY RM
PROJECT TITLE	Plots NT02-NT04	SKETCH TITLE	NETWORK RAIL MOUND HDP202	

COMPLEX CHALLENGES ...
MADE SIMPLE

APPENDIX B – EXPLORATORY HOLE LOGSHEETS

Trial Pit Log

Project Name: Plots NT02-NT04	Client: FEC	Date: 12/07/2022
Location: Manchester	Contractor: DMW Drilling Ltd	Co-ords: E384587.72 N399440.01
Project No. : 4328	Crew Name:	Equipment: 13 Tonne Excavator

Location Number	Location Type	Level	Logged By	Scale	Page Number
TP201	TP	31.44m AoD	RM	1:25	Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.50	ES		0.30	31.14		Grey reinforced concrete slab (MADE GROUND)
								Clayey gravelly ashy SAND. Gravel is fine to coarse sub angular to angular of concrete, brick and clinker. High cobble content of whole and half bricks with occasional sandstone flags (MADE GROUND) *...at 0.30mbgl remnants of a brick wall in western face*
					1.00	30.44		Soft light brown mottled reddish brown and yellowish brown slightly sandy slightly gravelly CLAY. Gravel is fine to coarse rounded of mudstone and sandstone. High cobble content of sandstone and mudstone cobbles (DEVENSIAN TILL)
					2.20	29.24		Reddish brown slightly gravelly medium SAND. Gravel is fine to coarse rounded of sandstone (CHESTER FORMATION)
					3.20	28.24		End of Borehole at 3.200m

1
2
3
4
5

Dimensions		Trench Support and Comment			Pumping Data		
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
2.50	1.60	Stable					

Remarks

1. Location CAT scanned before breaking ground 2. Groundwater was not observed. 3. Upon completion borehole backfilled with arisings.

Trial Pit Log

Project Name: Plots NT02-NT04	Client: FEC	Date: 13/07/2022
Location: Manchester	Contractor: DMW Drilling Ltd	Co-ords: E384614.55 N399392.47
Project No. : 4328	Crew Name:	Equipment: 13 Tonne Excavator

Location Number	Location Type	Level	Logged By	Scale	Page Number
TP202	TP	33.60m AoD	RM	1:25	Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
								Grey reinforced concrete slab (MADE GROUND)
					0.25	33.35		Cobblestone setts (MADE GROUND)
					0.40	33.20		*...at 0.25 to 1.50mbgl concrete structure in northern face of pit*
		0.50	ES					Black gravelly SAND. Gravel is fine to coarse sub angular to angular of brick, clinker and slag. High whole and half brick cobble content. Containing metal pipe fragments. Hydrocarbon odour (MADE GROUND)
					1.50	32.10		End of Borehole at 1.500m

1
2
3
4
5

Dimensions		Trench Support and Comment			Pumping Data		
Pit Length	Pit Width	Pit Stability	Shoring Used	Remarks	Date	Rate	Remarks
3.00	1.60	Stable					

Remarks

1. Location CAT scanned before breaking ground 2. Groundwater was not observed. 3. Trial pit was terminated at 1.50mbgl due to the strong hydrocarbon odour being released from the arisings within a confined area 4. Upon completion borehole backfilled with arisings.