



Project No.	45296	Drawn By	ACH	 Nottingham 0115 962 0101 Derby 01332 290 798 info@geodyne.co.uk www.geodyne.co.uk
Client	MTP3 Limited	Checked By	RS	
		Approved By	RS	
Project	Mira North Plot 8	Scale	NTS	
		Date Drawn	01/04/2026	
Title	Views of Exploratory Hole Mound6 and Arisings	Revision		45296/P19
		Figure No.		



Project No.	45296	Drawn By	ACH	 Nottingham 0115 962 0101 Derby 01332 290 798 info@geodyne.co.uk www.geodyne.co.uk
Client	MTP3 Limited	Checked By	RS	
		Approved By	RS	
Project	Mira North Plot 8	Scale	NTS	
		Date Drawn	01/04/2026	
Title	Views of Exploratory Hole Mound7 and Arisings	Revision		45296/P20
		Figure No.		



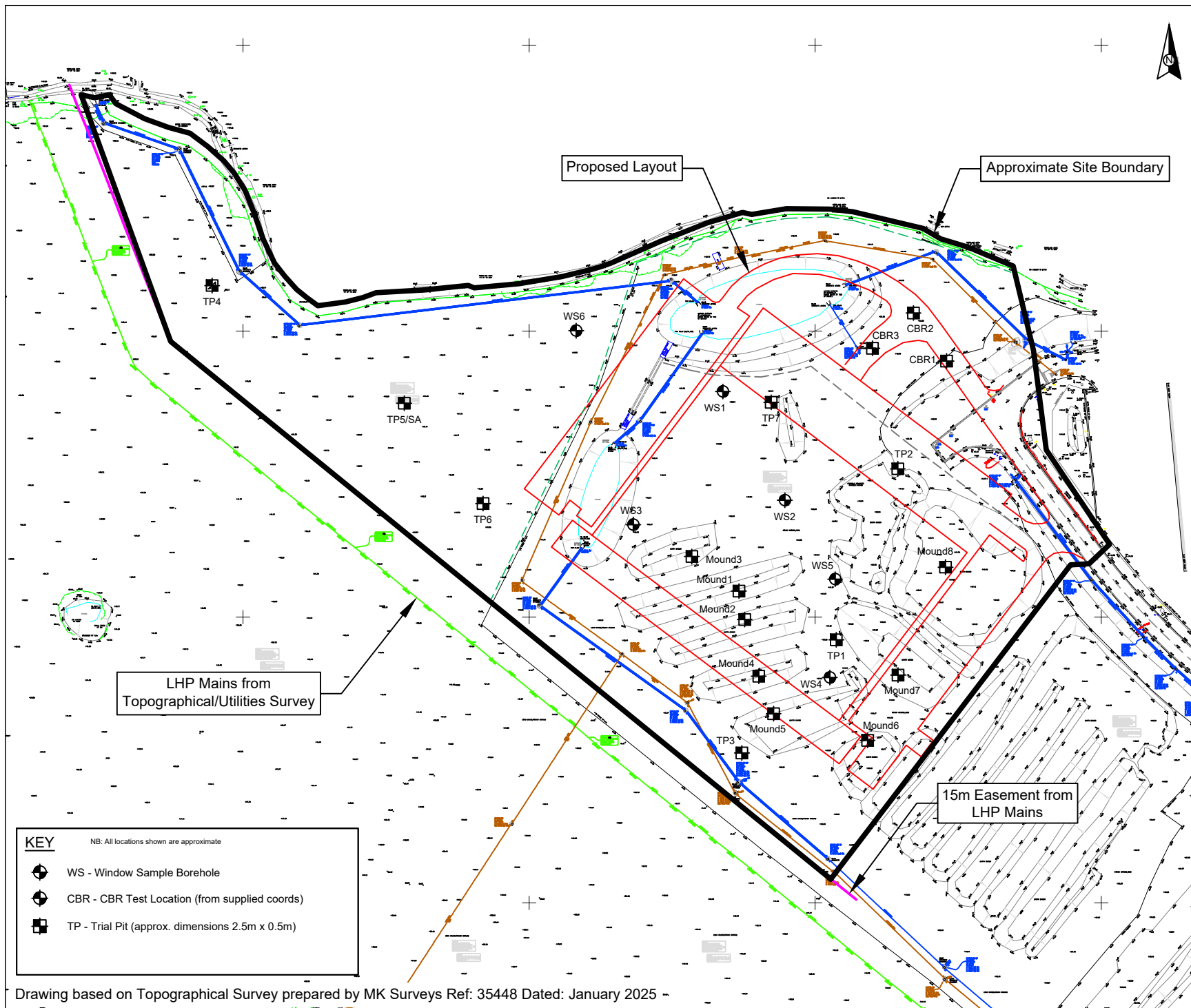
Project No.	45296	Drawn By	ACH	 Nottingham 0115 962 0101 Derby 01332 290 798 info@geodyne.co.uk www.geodyne.co.uk
Client	MTP3 Limited	Checked By	RS	
		Approved By	RS	
Project	Mira North Plot 8	Scale	NTS	
		Date Drawn	01/04/2026	
Title	Views of Exploratory Hole Mound8 and Arisings	Revision		45296/P21
		Figure No.		



Project No.	45296	Drawn By	ACH	 Nottingham 0115 962 0101 Derby 01332 290 798 info@geodyne.co.uk www.geodyne.co.uk
Client	MTP3 Limited	Checked By	RS	
		Approved By	RS	
Project	Mira North Plot 8	Scale	NTS	
		Date Drawn	01/04/2026	
Title	View of Exploratory Hole TP5 During Soakaway Testing	Revision		
		Figure No.	45296/P22	

Appendix XI

Exploratory Hole Location Plan and Depth of Made Ground Plan



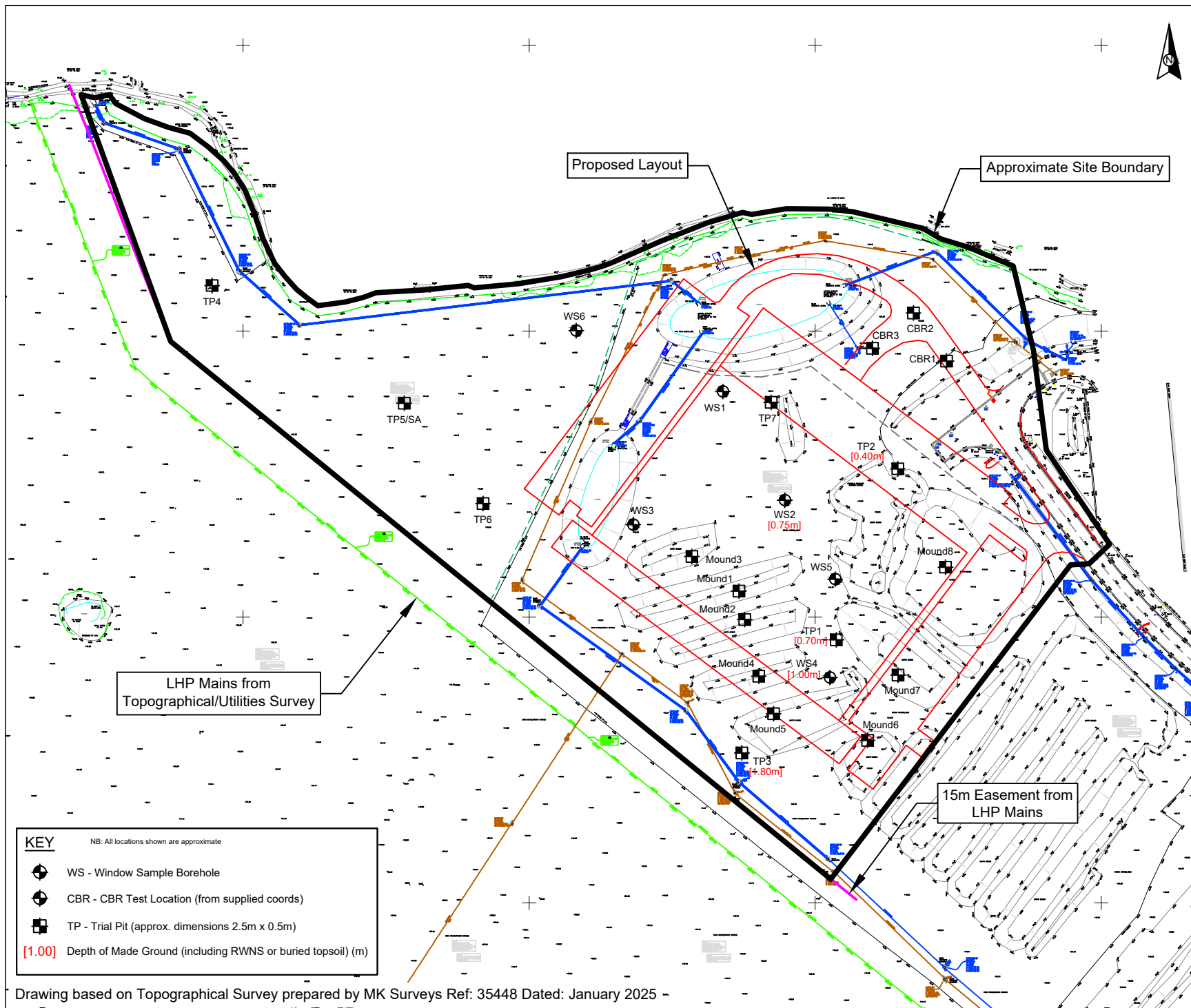
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Project No.	45296
Client	MTP3 Limited
Project	Mira North Plot 8
Title	Exploratory Hole Location Plan
Drawn By	ACH
Checked By	RS
Approved By	RS
Scale	NTS
Date Drawn	01/04/2026
Revision	
Figure No.	45296/06



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KEY

NB: All locations shown are approximate



WS - Window Sample Borehole



CBR - CBR Test Location (from supplied coords)



TP - Trial Pit (approx. dimensions 2.5m x 0.5m)

[1.00] Depth of Made Ground (including RWNS or buried topsoil) (m)

Drawing based on Topographical Survey prepared by MK Surveys Ref: 35448 Dated: January 2025 -

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Project No. 45296

Client MTP3 Limited

Project
Mira North Plot 8

Title
Exploratory Hole Location Plan
Showing Depth to Made Ground
(including RWNS or buried topsoil)

Drawn By ACH

Checked By RS

Approved By RS

Scale NTS

Date Drawn 01/04/2026

Revision

Figure No. 45296/07



Nottingham 0115 962 0101
Derby 01332 290 798

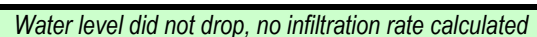
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Appendix XII
Soakaway Calculation Sheets

Client :	MTP 3 Limited
Site :	MIRA North Plot 8, MIRA Technology Park
Site ref :	45296

Depth from water level at start of test to bottom of pit =	1.09
--	------

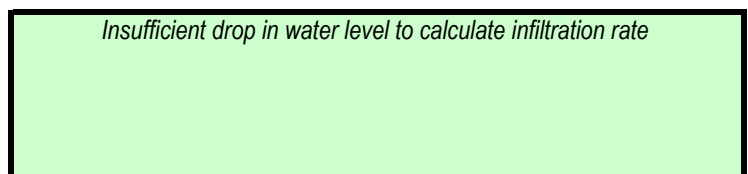
Enter Assumed Void Ratio (fraction of 1, where 1 equates to open pit. 0.3 to stone fill and 0 equates to no voids)	1
--	---



Client :	MTP 3 Limited
Site :	MIRA North Plot 8, MIRA Technology Park
Site ref :	45296

Depth from water level at start of test to bottom of pit =	0.58
--	------

Enter Assumed Void Ratio (fraction of 1, where 1 equates to open pit. 0.3 to stone fill and 0 equates to no voids)	1
--	---



Appendix XIII

Laboratory Soil Test Results

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 26/04054
Issue Number: 1

Date: 23 April, 2026

Client: GeoDyne (Nottingham)
Unit 2.2 Clarendon House
Clarendon Park
Clumber Avenue
Nottingham
Nottinghamshire
UK
NG5 1AH

Project Manager: Zac Herrod
Project Name: MIRA North Plot 8
Project Ref: 45296
Order No: 45296/ZH/01
Date Samples Received: 02/04/26
Date Instructions Received: 03/04/26
Date Analysis Completed: 22/04/26

Approved by:



Amy Riding
Client Manager

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/1	26/04054/2	26/04054/3	26/04054/4	26/04054/5	26/04054/6	26/04054/7	Units	Limit of Detection	Method ref
Client Sample No	E1	E2	E1	E2	E1	E2	E1			
Client Sample ID	WS1	WS1	WS2	WS2	WS3	WS3	WS4			
Depth to Top	0.70	1.60	0.80	1.40	0.30	0.90	0.80			
Depth To Bottom	0.80	1.75	0.90	1.60	0.40	1.00	0.90			
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	5	4A	6A	6A	6	6	6E			
% Stones >10mm _A	<0.1	<0.1	<0.1	<0.1	2.4	<0.1	2.7	% w/w	0.1	A-T-044
pH _D ^{M#}	-	-	-	-	8.15	-	-	pH	0.01	A-T-031s
pH BRE _D ^{M#}	7.98	8.30	7.67	8.40	8.15	8.33	8.11	pH	0.01	A-T-031s
Ammonium NH ₄ BRE (water sol 2:1) _D	3.20	-	-	-	8.90	-	-	mg/l	1	A-T-033s
Chloride BRE, SO ₄ equiv. (water sol 2:1) _D ^{M#}	<7	-	-	-	<7	-	-	mg/l	7	A-T-026s
Nitrate BRE, SO ₄ equiv. (water sol 2:1) _D	<0.4	-	-	-	<0.4	-	-	mg/l	0.4	A-T-026s
Sulphate BRE (water sol 2:1) _D ^{M#}	<10	-	-	-	<10	-	-	mg/l	10	A-T-026s
Sulphate BRE (acid sol) _D ^{M#}	<0.02	-	-	-	<0.02	-	-	% w/w	0.02	A-T-028s
Sulphur BRE (total) _D	<0.01	-	-	-	<0.01	-	-	% w/w	0.01	A-T-024s
Magnesium BRE (water sol 2:1) _D	4.1	-	-	-	4.3	-	-	mg/l	1	A-T-SOLMETs
Total Organic Carbon _D ^{M#}	-	-	-	-	<0.08	-	-	% w/w	0.08	A-T-032s
Arsenic _D ^{M#}	-	-	-	-	3	-	-	mg/kg	1	A-T-024s
Cadmium _D	-	-	-	-	<1.0	-	-	mg/kg	1	A-T-024s
Copper _D ^{M#}	-	-	-	-	15	-	-	mg/kg	1	A-T-024s
Chromium _D ^{M#}	-	-	-	-	36	-	-	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	-	-	-	-	<1	-	-	mg/kg	1	A-T-040s
Chromium (trivalent)	-	-	-	-	36	-	-	mg/kg	1	Calc
Lead _D ^{M#}	-	-	-	-	9	-	-	mg/kg	1	A-T-024s
Mercury _D	-	-	-	-	<0.17	-	-	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	-	-	-	-	41	-	-	mg/kg	1	A-T-024s
Selenium _D ^{M#}	-	-	-	-	<1	-	-	mg/kg	1	A-T-024s
Zinc _D ^{M#}	-	-	-	-	64	-	-	mg/kg	1	A-T-024s

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/1	26/04054/2	26/04054/3	26/04054/4	26/04054/5	26/04054/6	26/04054/7	Units	Limit of Detection	Method ref
Client Sample No	E1	E2	E1	E2	E1	E2	E1			
Client Sample ID	WS1	WS1	WS2	WS2	WS3	WS3	WS4			
Depth to Top	0.70	1.60	0.80	1.40	0.30	0.90	0.80			
Depth To Bottom	0.80	1.75	0.90	1.60	0.40	1.00	0.90			
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	5	4A	6A	6A	6	6	6E			
Asbestos in Soil (inc. matrix)										
Asbestos in soil [#]	-	-	-	-	NAD	-	-			A-T-045
Asbestos Matrix (visual) _D	-	-	-	-	-	-	-			A-T-045
Asbestos Matrix (microscope) _D	-	-	-	-	-	-	-			A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	-	-	-	-	N/A	-	-			A-T-045

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/1	26/04054/2	26/04054/3	26/04054/4	26/04054/5	26/04054/6	26/04054/7	Units	Limit of Detection	Method ref
Client Sample No	E1	E2	E1	E2	E1	E2	E1			
Client Sample ID	WS1	WS1	WS2	WS2	WS3	WS3	WS4			
Depth to Top	0.70	1.60	0.80	1.40	0.30	0.90	0.80			
Depth To Bottom	0.80	1.75	0.90	1.60	0.40	1.00	0.90			
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	5	4A	6A	6A	6	6	6E			
PAH-16MS										
Acenaphthene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Acenaphthylene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Anthracene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Benzo(a)anthracene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Benzo(a)pyrene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Benzo(ghi)perylene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Chrysene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Dibenzo(ah)anthracene _A	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Fluoranthene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Fluorene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Naphthalene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Phenanthrene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Pyrene _A ^{M#}	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s
Total PAH-16MS _A	-	-	-	-	<0.10	-	-	mg/kg	0.1	A-T-019s

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/8	26/04054/9	26/04054/10	26/04054/11	26/04054/12	26/04054/13	26/04054/14	Units	Limit of Detection	Method ref
Client Sample No	E2	E1	E2	E3	E1	E2				
Client Sample ID	WS4	WS5	WS5	WS5	WS6	WS6	TP1			
Depth to Top	1.70	0.70	1.20	2.50	1.50	2.70	0.40			
Depth To Bottom	1.90	0.80	1.40	2.80	1.70	3.00				
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6	6A	6EA	6A	6E	6A	4AE			
% Stones >10mm _A	4.9	2.5	2.4	0.8	1.9	1.8	2.6	% w/w	0.1	A-T-044
pH _D ^{M#}	-	8.22	-	-	-	-	7.80	pH	0.01	A-T-031s
pH BRE _D ^{M#}	8.47	-	8.30	8.43	8.53	8.31	-	pH	0.01	A-T-031s
Ammonium NH ₄ BRE (water sol 2:1) _D	-	-	-	12.3	-	-	-	mg/l	1	A-T-033s
Chloride BRE, SO ₄ equiv. (water sol 2:1) _D ^{M#}	-	-	-	13	-	-	-	mg/l	7	A-T-026s
Nitrate BRE, SO ₄ equiv. (water sol 2:1) _D	-	-	-	<0.4	-	-	-	mg/l	0.4	A-T-026s
Sulphate BRE (water sol 2:1) _D ^{M#}	-	-	-	13	-	-	-	mg/l	10	A-T-026s
Sulphate BRE (acid sol) _D ^{M#}	-	-	-	<0.02	-	-	-	% w/w	0.02	A-T-028s
Sulphur BRE (total) _D	-	-	-	<0.01	-	-	-	% w/w	0.01	A-T-024s
Magnesium BRE (water sol 2:1) _D	-	-	-	6.2	-	-	-	mg/l	1	A-T-SOLMETs
Total Organic Carbon _D ^{M#}	-	<0.08	-	-	-	-	1.44	% w/w	0.08	A-T-032s
Arsenic _D ^{M#}	-	<1	-	-	-	-	7	mg/kg	1	A-T-024s
Cadmium _D	-	<1.0	-	-	-	-	<1.0	mg/kg	1	A-T-024s
Copper _D ^{M#}	-	21	-	-	-	-	20	mg/kg	1	A-T-024s
Chromium _D ^{M#}	-	28	-	-	-	-	25	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	-	<1	-	-	-	-	<1	mg/kg	1	A-T-040s
Chromium (trivalent)	-	28	-	-	-	-	25	mg/kg	1	Calc
Lead _D ^{M#}	-	2	-	-	-	-	28	mg/kg	1	A-T-024s
Mercury _D	-	<0.17	-	-	-	-	<0.17	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	-	31	-	-	-	-	27	mg/kg	1	A-T-024s
Selenium _D ^{M#}	-	<1	-	-	-	-	<1	mg/kg	1	A-T-024s
Zinc _D ^{M#}	-	55	-	-	-	-	63	mg/kg	1	A-T-024s

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/8	26/04054/9	26/04054/10	26/04054/11	26/04054/12	26/04054/13	26/04054/14	Units	Limit of Detection	Method ref
Client Sample No	E2	E1	E2	E3	E1	E2				
Client Sample ID	WS4	WS5	WS5	WS5	WS6	WS6	TP1			
Depth to Top	1.70	0.70	1.20	2.50	1.50	2.70	0.40			
Depth To Bottom	1.90	0.80	1.40	2.80	1.70	3.00				
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6	6A	6EA	6A	6E	6A	4AE			
Asbestos in Soil (inc. matrix)										
Asbestos in soil [#]	-	-	-	-	-	-	NAD			A-T-045
Asbestos Matrix (visual) _D	-	-	-	-	-	-	-			A-T-045
Asbestos Matrix (microscope) _D	-	-	-	-	-	-	-			A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	-	-	-	-	-	-	N/A			A-T-045

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/8	26/04054/9	26/04054/10	26/04054/11	26/04054/12	26/04054/13	26/04054/14	Units	Limit of Detection	Method ref
Client Sample No	E2	E1	E2	E3	E1	E2				
Client Sample ID	WS4	WS5	WS5	WS5	WS6	WS6	TP1			
Depth to Top	1.70	0.70	1.20	2.50	1.50	2.70	0.40			
Depth To Bottom	1.90	0.80	1.40	2.80	1.70	3.00				
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6	6A	6EA	6A	6E	6A	4AE			
PAH-16MS										
Acenaphthene _A ^{M#}	-	<0.10	-	-	-	-	<0.10	mg/kg	0.1	A-T-019s
Acenaphthylene _A ^{M#}	-	<0.10	-	-	-	-	<0.10	mg/kg	0.1	A-T-019s
Anthracene _A ^{M#}	-	<0.10	-	-	-	-	<0.10	mg/kg	0.1	A-T-019s
Benzo(a)anthracene _A ^{M#}	-	<0.10	-	-	-	-	<0.10	mg/kg	0.1	A-T-019s
Benzo(a)pyrene _A ^{M#}	-	<0.10	-	-	-	-	0.16	mg/kg	0.1	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	-	<0.10	-	-	-	-	0.21	mg/kg	0.1	A-T-019s
Benzo(ghi)perylene _A ^{M#}	-	<0.10	-	-	-	-	0.16	mg/kg	0.1	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	-	<0.10	-	-	-	-	<0.10	mg/kg	0.1	A-T-019s
Chrysene _A ^{M#}	-	<0.10	-	-	-	-	0.19	mg/kg	0.1	A-T-019s
Dibenzo(ah)anthracene _A	-	<0.10	-	-	-	-	<0.10	mg/kg	0.1	A-T-019s
Fluoranthene _A ^{M#}	-	<0.10	-	-	-	-	0.31	mg/kg	0.1	A-T-019s
Fluorene _A ^{M#}	-	<0.10	-	-	-	-	<0.10	mg/kg	0.1	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	-	<0.10	-	-	-	-	0.16	mg/kg	0.1	A-T-019s
Naphthalene _A ^{M#}	-	<0.10	-	-	-	-	<0.10	mg/kg	0.1	A-T-019s
Phenanthrene _A ^{M#}	-	<0.10	-	-	-	-	0.13	mg/kg	0.1	A-T-019s
Pyrene _A ^{M#}	-	<0.10	-	-	-	-	0.27	mg/kg	0.1	A-T-019s
Total PAH-16MS _A	-	<0.10	-	-	-	-	1.59	mg/kg	0.1	A-T-019s

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/15	26/04054/16	26/04054/17	26/04054/18	26/04054/19	26/04054/20	26/04054/21	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP1	TP1	TP2	TP2	TP3	TP3	TP3			
Depth to Top	0.70	3.00	0.30	1.00	0.30	1.00	2.00			
Depth To Bottom										
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30			
Sample Type	SOIL - ES	SOLID	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6A	7	4AE	6A	4AE	6A	6A			
% Stones >10mm _A	2.8	<0.1	5.7	<0.1	0.3	29.4	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	-	-	6.98	-	7.62	8.05	8.52	pH	0.01	A-T-031s
pH BRE _D ^{M#}	8.26	8.47 ^U	-	8.02	-	-	-	pH	0.01	A-T-031s
Total Organic Carbon _D ^{M#}	-	-	1.33	-	2.27	0.46	1.27	% w/w	0.08	A-T-032s
Arsenic _D ^{M#}	-	-	3	-	6	4	1	mg/kg	1	A-T-024s
Cadmium _D	-	-	<1.0	-	<1.0	<1.0	<1.0	mg/kg	1	A-T-024s
Copper _D ^{M#}	-	-	13	-	23	9	7	mg/kg	1	A-T-024s
Chromium _D ^{M#}	-	-	24	-	28	25	23	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	-	-	<1	-	<1	<1	<1	mg/kg	1	A-T-040s
Chromium (trivalent)	-	-	24	-	28	25	23	mg/kg	1	Calc
Lead _D ^{M#}	-	-	25	-	73	11	4	mg/kg	1	A-T-024s
Mercury _D	-	-	<0.17	-	<0.17	<0.17	<0.17	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	-	-	23	-	30	32	29	mg/kg	1	A-T-024s
Selenium _D ^{M#}	-	-	<1	-	<1	<1	<1	mg/kg	1	A-T-024s
Zinc _D ^{M#}	-	-	58	-	93	38	33	mg/kg	1	A-T-024s

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/15	26/04054/16	26/04054/17	26/04054/18	26/04054/19	26/04054/20	26/04054/21	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP1	TP1	TP2	TP2	TP3	TP3	TP3			
Depth to Top	0.70	3.00	0.30	1.00	0.30	1.00	2.00			
Depth To Bottom										
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30			
Sample Type	SOIL - ES	SOLID	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6A	7	4AE	6A	4AE	6A	6A			
Asbestos in Soil (inc. matrix)										
Asbestos in soil [#]	-	-	NAD	-	NAD	NAD	-			A-T-045
Asbestos Matrix (visual) _D	-	-	-	-	-	-	-			A-T-045
Asbestos Matrix (microscope) _D	-	-	-	-	-	-	-			A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	-	-	N/A	-	N/A	N/A	-			A-T-045

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/15	26/04054/16	26/04054/17	26/04054/18	26/04054/19	26/04054/20	26/04054/21	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP1	TP1	TP2	TP2	TP3	TP3	TP3			
Depth to Top	0.70	3.00	0.30	1.00	0.30	1.00	2.00			
Depth To Bottom										
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30			
Sample Type	SOIL - ES	SOLID	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6A	7	4AE	6A	4AE	6A	6A			
PAH-16MS										
Acenaphthene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Acenaphthylene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Anthracene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Benzo(a)anthracene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Benzo(a)pyrene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Benzo(ghi)perylene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Chrysene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Dibenzo(ah)anthracene _A	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Fluoranthene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Fluorene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Naphthalene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Phenanthrene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Pyrene _A ^{M#}	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Total PAH-16MS _A	-	-	<0.10	-	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/22	26/04054/23	26/04054/24	26/04054/25	26/04054/26	26/04054/27	26/04054/28	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	Mound 2	Mound 3	Mound 4	Mound 7	Mound 8	TP4	TP5			
Depth to Top						0.50	0.10			
Depth To Bottom										
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-31	26-Mar-31			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	4AE	6AE	4AE	5A	4AE			
% Stones >10mm _A	<0.1	<0.1	30.2	17.9	8.5	<0.1	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	7.07	7.00	8.16	8.18	10.09	7.33	6.29	pH	0.01	A-T-031s
Total Organic Carbon _D ^{M#}	2.38	1.83	1.05	1.64	0.44	0.30	1.59	% w/w	0.08	A-T-032s
Arsenic _D ^{M#}	6	5	4	3	4	2	4	mg/kg	1	A-T-024s
Cadmium _D	<1.0	<1.0	<1.0	<1.0	2.2	<1.0	<1.0	mg/kg	1	A-T-024s
Copper _D ^{M#}	17	17	13	20	373	11	21	mg/kg	1	A-T-024s
Chromium _D ^{M#}	22	23	16	18	38	30	21	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-040s
Chromium (trivalent)	22	23	16	18	38	30	21	mg/kg	1	Calc
Lead _D ^{M#}	28	36	22	20	39	8	27	mg/kg	1	A-T-024s
Mercury _D	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	21	23	17	21	46	29	17	mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-024s
Zinc _D ^{M#}	67	65	52	59	408	43	66	mg/kg	1	A-T-024s

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/22	26/04054/23	26/04054/24	26/04054/25	26/04054/26	26/04054/27	26/04054/28	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	Mound 2	Mound 3	Mound 4	Mound 7	Mound 8	TP4	TP5			
Depth to Top						0.50	0.10			
Depth To Bottom										
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-31	26-Mar-31			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	4AE	6AE	4AE	5A	4AE			
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D [#]	NAD	NAD	NAD	NAD	NAD	-	NAD			A-T-045
Asbestos Matrix (visual) _D	-	-	-	-	-	-	-			A-T-045
Asbestos Matrix (microscope) _D	-	-	-	-	-	-	-			A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	N/A	N/A	N/A	-	N/A			A-T-045
OCP+OPP Combined Pest Suite (incl. Atrazine and Simazine)										
Dichlobenil _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Tecnazene _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Trifluralin _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
alpha-Hexachlorocyclohexane (HCH) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Hexachlorobenzene (HCB) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Simazine _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Atrazine _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
beta-Hexachlorocyclohexane (HCH) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Quintozene (PCNB) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Chlorothalonil _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
delta-Hexachlorocyclohexane (HCH) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Triallate _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Heptachlor _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Aldrin _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Triadimefon _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Telodrin _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Isodrin _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Pendimethalin _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Heptachlor epoxide _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
trans-Chlordane (Gamma) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
o,p-DDE (2,4) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Endosulphan I (Alpha) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
cis-Chlordane (Alpha) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
p,p-DDE (4,4) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Dieldrin _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/22	26/04054/23	26/04054/24	26/04054/25	26/04054/26	26/04054/27	26/04054/28	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	Mound 2	Mound 3	Mound 4	Mound 7	Mound 8	TP4	TP5			
Depth to Top						0.50	0.10			
Depth To Bottom										
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-31	26-Mar-31			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	4AE	6AE	4AE	5A	4AE			
o,p-DDD (2,4) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Endrin _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Endosulphan II (Beta) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
p,p-DDD (4,4) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
o,p-DDT (2,4) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Endrin Aldehyde _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Endrin Ketone _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Endosulphan Sulphate _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
p,p-DDT (4,4) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
o,p-Methoxychlor _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
p,p-Methoxychlor _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Permethrin I (cis) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Permethrin II (trans) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Dichlorvos _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Mevinphos _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Demeton-S _A	-	-	-	-	-	-	<0.50	mg/kg	0.5	A-T-056
Demeton-O _A	-	-	-	-	-	-	<0.50	mg/kg	0.5	A-T-056
Phorate _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Dimethoate _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Propetamphos _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Diazinon (Dimpylate) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Disulfoton _A	-	-	-	-	-	-	<0.10	mg/kg	0.1	A-T-056
Chlorpyrifos-methyl _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Parathion (Ethyl Parathion) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Methyl Parathion _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Pirimiphos-methyl _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Fenitrothion _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Fensulphothion _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Fenthion _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Malathion _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Chlorfenvinphos _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Chlorpyrifos _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Trichloronate _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Prothiofos (Tokuthion) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/22	26/04054/23	26/04054/24	26/04054/25	26/04054/26	26/04054/27	26/04054/28	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	Mound 2	Mound 3	Mound 4	Mound 7	Mound 8	TP4	TP5			
Depth to Top						0.50	0.10			
Depth To Bottom										
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-31	26-Mar-31			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	4AE	6AE	4AE	5A	4AE			
Ethion _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Triazophos _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Carbophenothion _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Phosalone _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Azinphos-methyl _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Azinphos-ethyl _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
Coumaphos _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056
gamma-Hexachlorocyclohexane (HCH) _A	-	-	-	-	-	-	<0.01	mg/kg	0.01	A-T-056

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/22	26/04054/23	26/04054/24	26/04054/25	26/04054/26	26/04054/27	26/04054/28	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	Mound 2	Mound 3	Mound 4	Mound 7	Mound 8	TP4	TP5			
Depth to Top						0.50	0.10			
Depth To Bottom										
Date Sampled	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-30	26-Mar-31	26-Mar-31			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	4AE	6AE	4AE	5A	4AE			
PAH-16MS										
Acenaphthene _A ^{M#}	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Acenaphthylene _A ^{M#}	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Anthracene _A ^{M#}	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Benzo(a)anthracene _A ^{M#}	<0.10	<0.10	0.11	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Benzo(a)pyrene _A ^{M#}	<0.10	<0.10	0.18	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	<0.10	<0.10	0.21	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Benzo(ghi)perylene _A ^{M#}	<0.10	<0.10	0.16	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	<0.10	<0.10	0.13	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Chrysene _A ^{M#}	<0.10	<0.10	0.18	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Dibenzo(ah)anthracene _A	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Fluoranthene _A ^{M#}	<0.10	<0.10	0.18	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Fluorene _A ^{M#}	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	<0.10	<0.10	0.16	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Naphthalene _A ^{M#}	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Phenanthrene _A ^{M#}	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Pyrene _A ^{M#}	<0.10	<0.10	0.19	0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s
Total PAH-16MS _A	<0.10	<0.10	1.50	0.10	<0.10	<0.10	<0.10	mg/kg	0.1	A-T-019s

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/29	26/04054/30	26/04054/31	26/04054/32				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP5	TP6	TP7	TP7						
Depth to Top	0.40	2.80	1.50	3.00						
Depth To Bottom										
Date Sampled	26-Mar-31	26-Mar-31	26-Mar-31	26-Mar-31						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	4AE	6A	6A	6A						
% Stones >10mm _A	2.3	5.2	<0.1	<0.1				% w/w	0.1	A-T-044
pH _D ^{M#}	6.83	-	-	-				pH	0.01	A-T-031s
pH BRE _D ^{M#}	-	8.42	7.85	8.66				pH	0.01	A-T-031s
Ammonium NH ₄ BRE (water sol 2:1) _D	-	-	-	20.1				mg/l	1	A-T-033s
Chloride BRE, SO ₄ equiv. (water sol 2:1) _D ^{M#}	-	-	-	<7				mg/l	7	A-T-026s
Nitrate BRE, SO ₄ equiv. (water sol 2:1) _D	-	-	-	1.3				mg/l	0.4	A-T-026s
Sulphate BRE (water sol 2:1) _D ^{M#}	-	-	-	<10				mg/l	10	A-T-026s
Sulphate BRE (acid sol) _D ^{M#}	-	-	-	0.05				% w/w	0.02	A-T-028s
Sulphur BRE (total) _D	-	-	-	0.01				% w/w	0.01	A-T-024s
Magnesium BRE (water sol 2:1) _D	-	-	-	6.4				mg/l	1	A-T-SOLMETS
Total Organic Carbon _D ^{M#}	0.19	-	-	-				% w/w	0.08	A-T-032s
Arsenic _D ^{M#}	3	-	-	-				mg/kg	1	A-T-024s
Cadmium _D	<1.0	-	-	-				mg/kg	1	A-T-024s
Copper _D ^{M#}	9	-	-	-				mg/kg	1	A-T-024s
Chromium _D ^{M#}	14	-	-	-				mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	-	-	-				mg/kg	1	A-T-040s
Chromium (trivalent)	14	-	-	-				mg/kg	1	Calc
Lead _D ^{M#}	7	-	-	-				mg/kg	1	A-T-024s
Mercury _D	<0.17	-	-	-				mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	15	-	-	-				mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	-	-	-				mg/kg	1	A-T-024s
Zinc _D ^{M#}	25	-	-	-				mg/kg	1	A-T-024s

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/29	26/04054/30	26/04054/31	26/04054/32				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP5	TP6	TP7	TP7						
Depth to Top	0.40	2.80	1.50	3.00						
Depth To Bottom										
Date Sampled	26-Mar-31	26-Mar-31	26-Mar-31	26-Mar-31						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	4AE	6A	6A	6A						
Asbestos in Soil (inc. matrix)										
Asbestos in soil [#]	NAD	-	-	-						A-T-045
Asbestos Matrix (visual) _D	-	-	-	-						A-T-045
Asbestos Matrix (microscope) _D	-	-	-	-						A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	-	-	-						A-T-045

Envirolab Job Number: 26/04054

Client Project Name: MIRA North Plot 8

Client Project Ref: 45296

Lab Sample ID	26/04054/29	26/04054/30	26/04054/31	26/04054/32				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP5	TP6	TP7	TP7						
Depth to Top	0.40	2.80	1.50	3.00						
Depth To Bottom										
Date Sampled	26-Mar-31	26-Mar-31	26-Mar-31	26-Mar-31						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	4AE	6A	6A	6A						
PAH-16MS										
Acenaphthene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Acenaphthylene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Anthracene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Benzo(a)anthracene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Benzo(a)pyrene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Benzo(ghi)perylene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Chrysene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Dibenzo(ah)anthracene _A	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Fluoranthene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Fluorene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Naphthalene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Phenanthrene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Pyrene _A ^{M#}	<0.10	-	-	-				mg/kg	0.1	A-T-019s
Total PAH-16MS _A	<0.10	-	-	-				mg/kg	0.1	A-T-019s

Report Notes

General

- This report shall not be reproduced, except in full, without written approval from Envirolab.
- The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
- The results reported herein relate only to the material supplied to the laboratory.
- The residue of any samples contained within this report, and any received within the same delivery, will be disposed of **four weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
- Analytical results reflect the quality of the sample at the time of analysis only.
- Opinions and Interpretations expressed are outside our scope of accreditation.
- A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.
- If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
- Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

Key

Superscript “#”	Accredited to ISO 17025
Superscript “M”	Accredited to MCertS
Superscript “U”	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript “A”	Analysis performed on as-received Sample
Subscript “D”	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript “D” on Asbestos	Analysis performed on a dried aliquot of sample provided.
Subscript “A”	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
Subscript “@”	Result is an opinion
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
Trace	Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.
N/A	Not applicable

Asbestos

Identification: Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.

Stones etc. are not removed from the sample prior to analysis

“Trace Asbestos Identified” will be reported if there is not enough present to verify the type.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs

Note: 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.

Soil Chemical Analysis:

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as '% stones >10mm'.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any “A” subscripts

All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any “D” subscripts.

TPH by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.

Results “with Clean up” indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from “TPH CWG with clean up” please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

Electrical Conductivity of water by method A-T-037:

Results greater than 12900µS/cm @ 25°C / 11550µS/cm @ 20°C fall outside the calibration range and as such are unaccredited.

Please contact your client manager if you require any further information.

Envirolab Analysis Dates

Lab Sample ID	26/04054/1	26/04054/2	26/04054/3	26/04054/4	26/04054/5	26/04054/6	26/04054/7	26/04054/8	26/04054/9	26/04054/10	26/04054/11	26/04054/12
Client Sample No	E1	E2	E1	E2	E1	E2	E1	E2	E1	E2	E3	E1
Client Sample ID/Depth	WS1 0.70-0.80m	WS1 1.60-1.75m	WS2 0.80-0.90m	WS2 1.40-1.60m	WS3 0.30-0.40m	WS3 0.90-1.00m	WS4 0.80-0.90m	WS4 1.70-1.90m	WS5 0.70-0.80m	WS5 1.20-1.40m	WS5 2.50-2.80m	WS6 1.50-1.70m
Date Sampled	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30
A-T-019s					15/04/2026				15/04/2026			
A-T-024s	20/04/2026				20/04/2026				20/04/2026		20/04/2026	
A-T-026s	17/04/2026				17/04/2026						17/04/2026	
A-T-028s	20/04/2026				20/04/2026						20/04/2026	
A-T-031s	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026
A-T-032s					22/04/2026				22/04/2026			
A-T-033s	20/04/2026				20/04/2026						20/04/2026	
A-T-040s					17/04/2026				17/04/2026			
A-T-044	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026
A-T-045					14/04/2026							
A-T-056												
A-T-SOLMETS	20/04/2026				20/04/2026						20/04/2026	
Calc					20/04/2026				20/04/2026			

Lab Sample ID	26/04054/13	26/04054/14	26/04054/15	26/04054/16	26/04054/17	26/04054/18	26/04054/19	26/04054/20	26/04054/21	26/04054/22	26/04054/23	26/04054/24
Client Sample No	E2											
Client Sample ID/Depth	WS6 2.70-3.00m	TP1 0.40m	TP1 0.70m	TP1 3.00m	TP2 0.30m	TP2 1.00m	TP3 0.30m	TP3 1.00m	TP3 2.00m	Mound 2	Mound 3	Mound 4
Date Sampled	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30	26/03/30
A-T-019s		15/04/2026			15/04/2026		15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026
A-T-024s		20/04/2026			20/04/2026		20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026
A-T-026s												
A-T-028s												
A-T-031s	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026
A-T-032s		22/04/2026			21/04/2026		21/04/2026	21/04/2026	21/04/2026	21/04/2026	21/04/2026	21/04/2026
A-T-033s												
A-T-040s		17/04/2026			17/04/2026		17/04/2026	17/04/2026	17/04/2026	17/04/2026	17/04/2026	17/04/2026
A-T-044	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026
A-T-045		14/04/2026			14/04/2026		14/04/2026	14/04/2026		14/04/2026	14/04/2026	14/04/2026
A-T-056												
A-T-SOLMETS												
Calc		20/04/2026			20/04/2026		20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026

Lab Sample ID	26/04054/25	26/04054/26	26/04054/27	26/04054/28	26/04054/29	26/04054/30	26/04054/31	26/04054/32
Client Sample No								
Client Sample ID/Depth	Mound 7	Mound 8	TP4 0.50m	TP5 0.10m	TP5 0.40m	TP6 2.80m	TP7 1.50m	TP7 3.00m
Date Sampled	26/03/30	26/03/30	26/03/31	26/03/31	26/03/31	26/03/31	26/03/31	26/03/31
A-T-019s	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026			
A-T-024s	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026			20/04/2026
A-T-026s								17/04/2026
A-T-028s								20/04/2026
A-T-031s	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026
A-T-032s	21/04/2026	21/04/2026	21/04/2026	21/04/2026	21/04/2026			
A-T-033s								20/04/2026
A-T-040s	17/04/2026	17/04/2026	17/04/2026	17/04/2026	17/04/2026			
A-T-044	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026	15/04/2026
A-T-045	14/04/2026	14/04/2026		14/04/2026	14/04/2026			
A-T-056				17/04/2026				
A-T-SOLMETS								20/04/2026
Calc	20/04/2026	20/04/2026	20/04/2026	20/04/2026	20/04/2026			

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report



LABORATORY REPORT



Contract Number: PSL26/3022

Report Date: 08 May 2026
Client's Reference: 45296
Client Name: GeoDyne Notts
Unit 2.2 Clarendon House
Clarendon Park
Clumber Avenue
Nottingham
NG5 1AH

For the attention of: Zac Herrod

Contract Title: MIRA North Plot 8
Date Received: 8/4/2026
Date Commenced: 8/4/2026
Date Completed: 8/5/2026

Notes: Opinions and Interpretations are outside the UKAS Accreditation

A copy of the Laboratory Schedule of accredited tests as issued by UKAS is attached to this report. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced other than in full, without the prior written approval of the laboratory.

Checked and Approved Signatories:

A Watkins
(Managing Director)

R Berriman
(Associate Director)

S Royle
(Laboratory Manager)

L Knight
(Assistant Laboratory Manager)

S Eyre
(Senior Technician)

T Watkins
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Page 1 of

[illegible]

45296

SUMMARY OF SOIL CLASSIFICATION TESTS

BS 1377 - Part 2 : 2022 in accordance with BS EN ISO 17892 (as below)

[illegible]

Water Content - BS 1377 - Part 2 : 2022 : Clause 4 in accordance with BS EN ISO 17892 - 1 : 2014 + A1 : 2022

Linear Shrinkage - BS 1377 - Part 2 : 2022 : Clause 7

Particle Density (Gas Jar method) - BS 1377 - Part 2 : 2022 : Clause 9

Liquid, Plastic Limit & Plasticity Index - BS 1377 - Part 2 : 2022 : Clause 5 & 6 in accordance with BS EN ISO 17892 - 12 : 2018 + A2 : 2022

SYMBOLS : NP = Non Plastic



MIRA North Plot 8

Contract No:

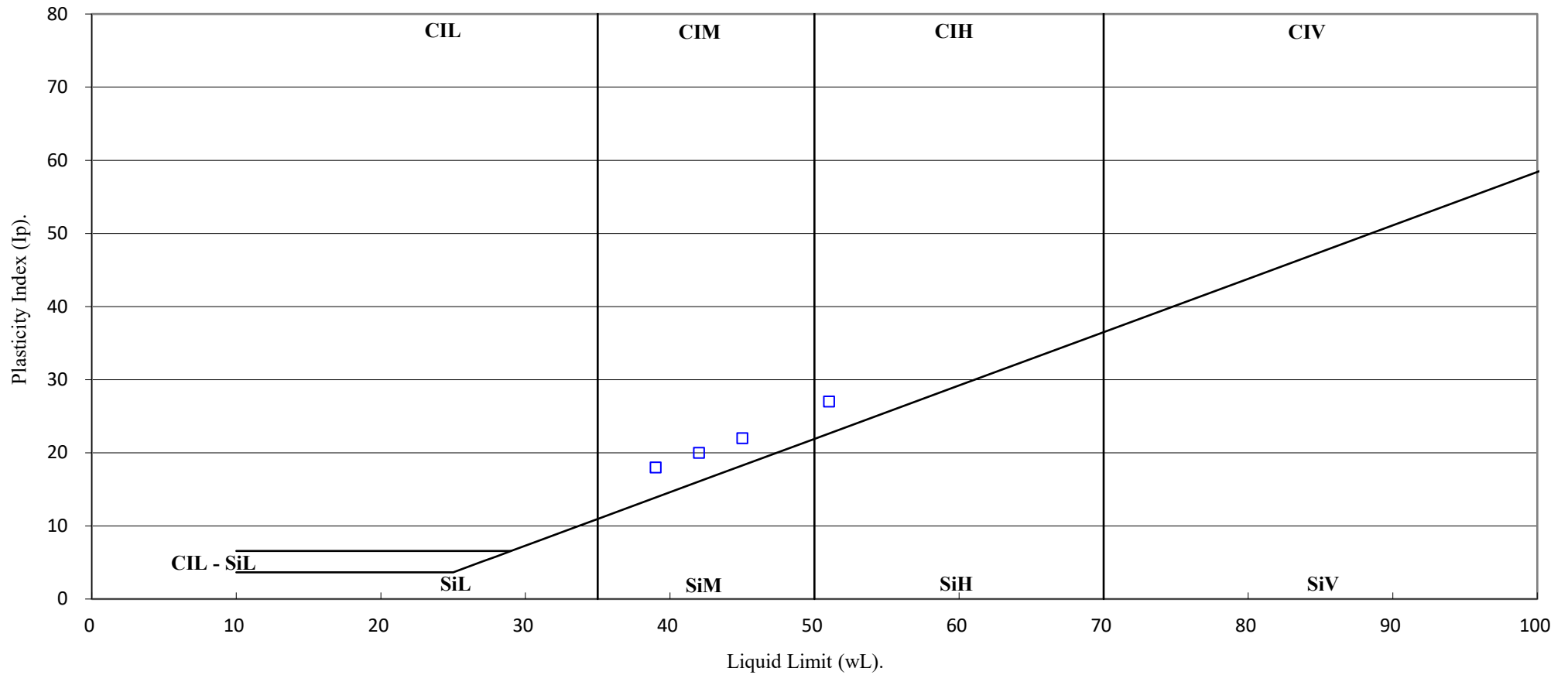
PSL26/3022

Client Ref:

45296

PLASTICITY CHART

BS EN ISO 14688-2:2017 Clause 4.4



4043



MIRA North Plot 8

Contract No:

PSL26/3022

Client Ref:

45296

CALIFORNIA BEARING RATIO (CBR)

BS 1377 - Part 2 : Clause 15 : 2022

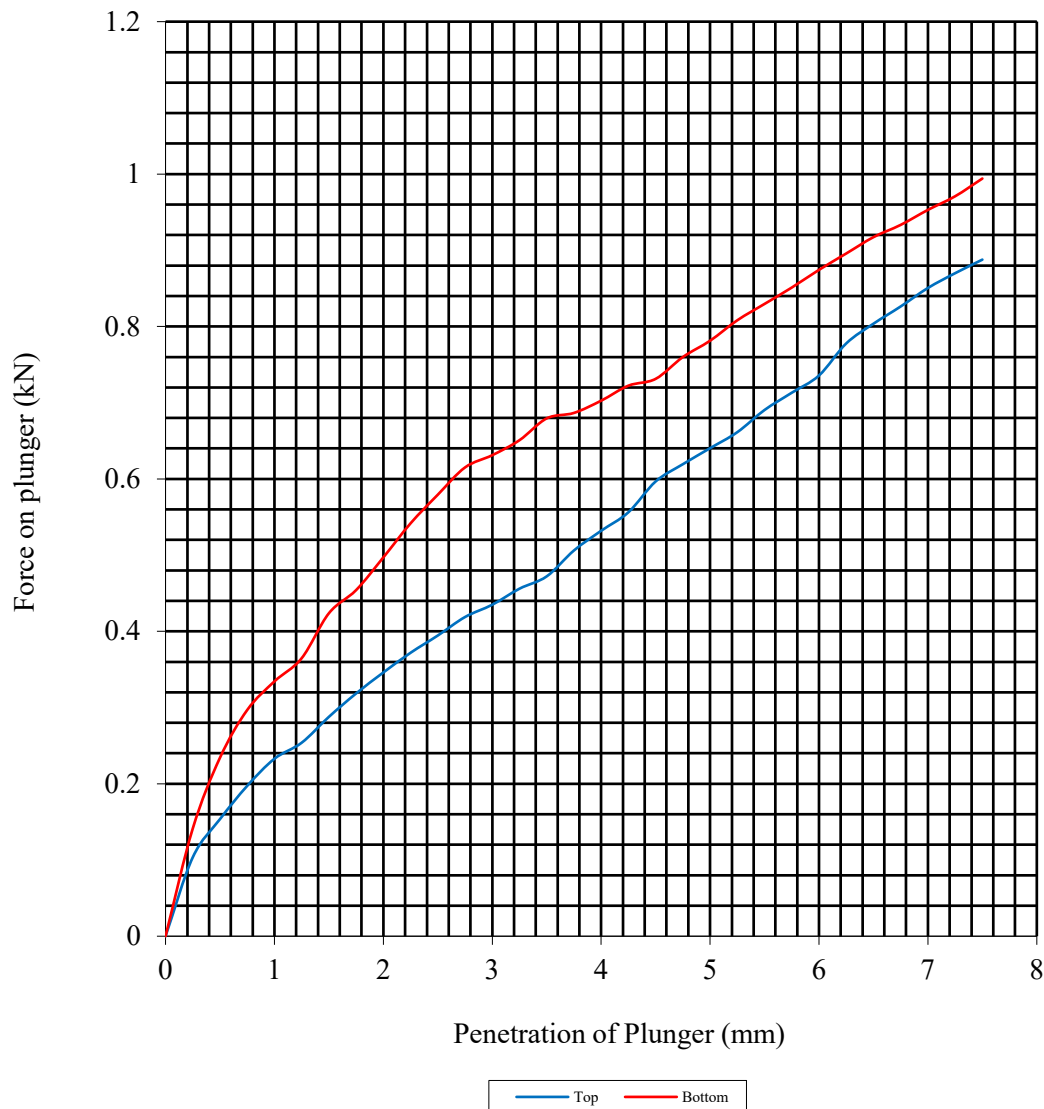
Hole Number: CBR1

Top Depth (m): 0.50

Sample Number:

Base Depth (m):

Sample Type: B



Initial Sample Conditions		Sample Preparation		Final Water Content %		C.B.R. Value %	
Water Content:	18.9	Surcharge Kg:	4.00	Sample Top	20.2	Sample Top	3.2
Bulk Density Mg/m3:	2.04	Soaking Time hrs	96	Sample Bottom	19.5	Sample Bottom	4.4
Dry Density Mg/m3:	1.72	Swelling mm:	0.10	Remarks : See Summary of Soil Descriptions.			
Percentage retained on 20mm BS test sieve:		0					
Compaction Conditions		2.5kg					



MIRA North Plot 8

Contract No:
PSL26/3022
Client Ref:
45296

CALIFORNIA BEARING RATIO (CBR)

BS 1377 - Part 2 : Clause 15 : 2022

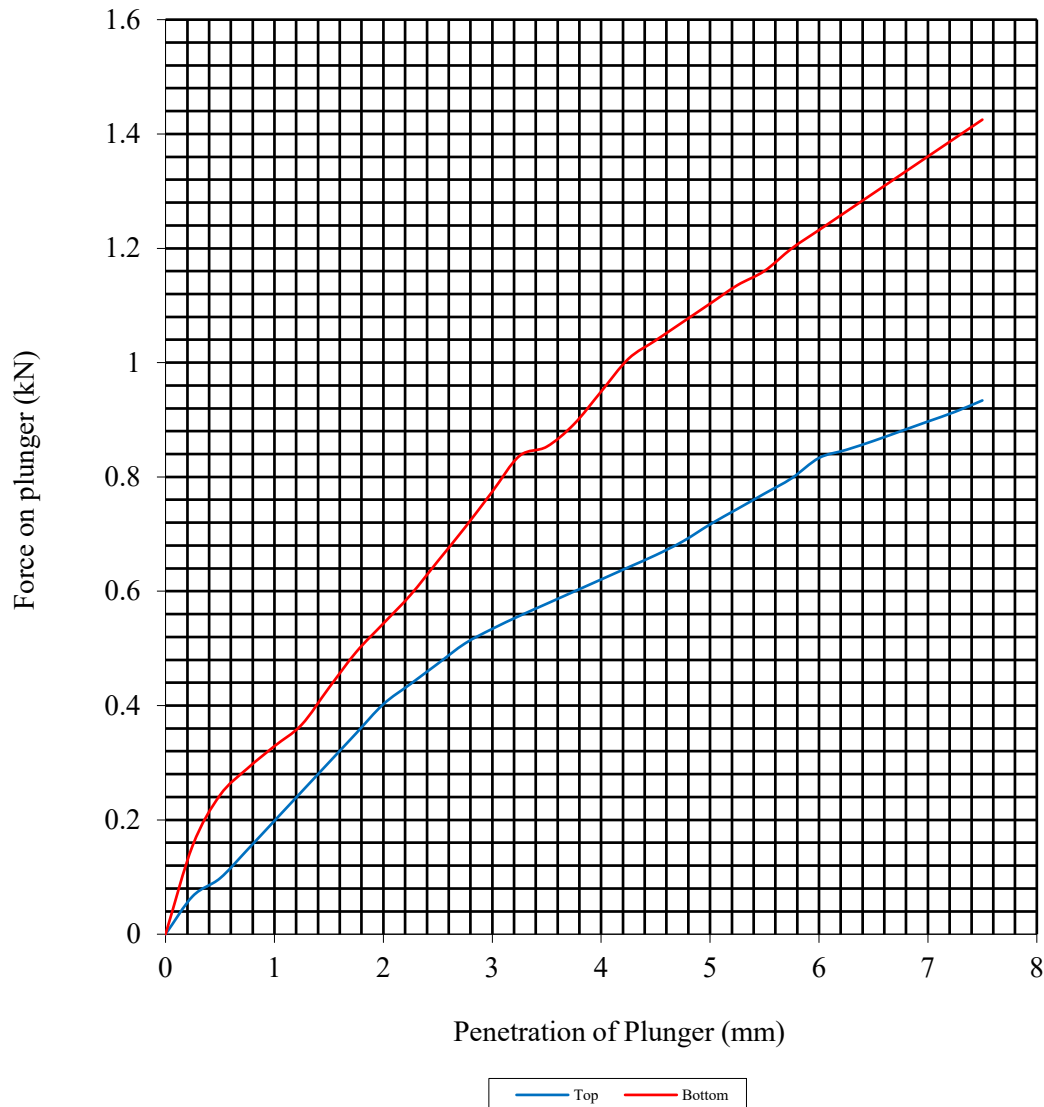
Hole Number: CBR2

Top Depth (m): 0.50

Sample Number:

Base Depth (m):

Sample Type: B



Initial Sample Conditions		Sample Preparation		Final Water Content %		C.B.R. Value %	
Water Content:	18.0	Surcharge Kg:	4.00	Sample Top	19.3	Sample Top	3.6
Bulk Density Mg/m3:	2.02	Soaking Time hrs	96	Sample Bottom	18.6	Sample Bottom	5.5
Dry Density Mg/m3:	1.71	Swelling mm:	0.42	Remarks : See Summary of Soil Descriptions.			
Percentage retained on 20mm BS test sieve:		0					
Compaction Conditions		2.5kg					



MIRA North Plot 8

Contract No:
PSL26/3022
Client Ref:
45296

CALIFORNIA BEARING RATIO (CBR)

BS 1377 - Part 2 : Clause 15 : 2022

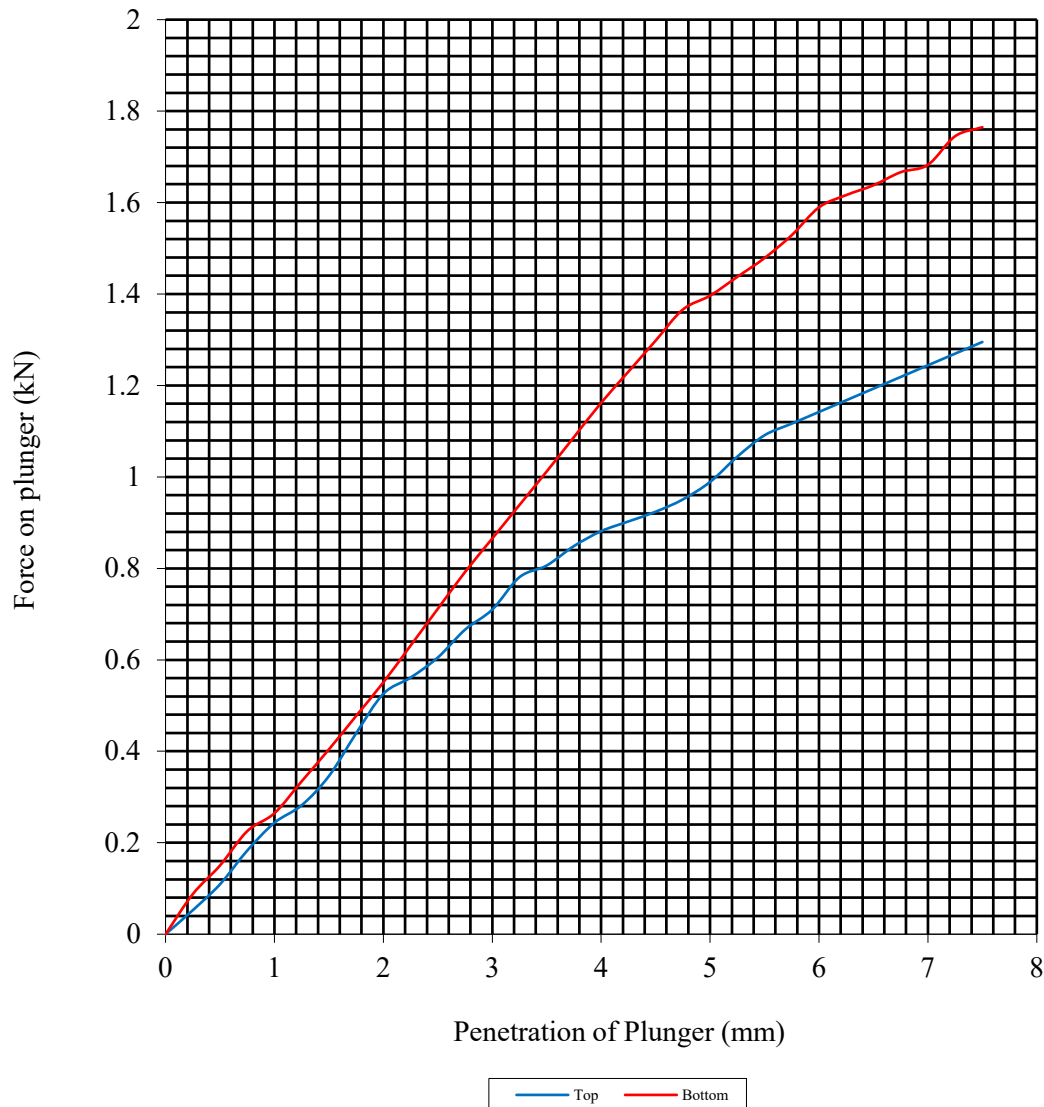
Hole Number: CBR3

Top Depth (m): 0.50

Sample Number:

Base Depth (m):

Sample Type: B



Initial Sample Conditions		Sample Preparation		Final Water Content %		C.B.R. Value %	
Water Content:	17.2	Surcharge Kg:	4.00	Sample Top	19.3	Sample Top	4.9
Bulk Density Mg/m3:	2.06	Soaking Time hrs	96	Sample Bottom	18.1	Sample Bottom	7.0
Dry Density Mg/m3:	1.76	Swelling mm:	0.77	Remarks : See Summary of Soil Descriptions.			
Percentage retained on 20mm BS test sieve:		0					
Compaction Conditions		2.5kg					



MIRA North Plot 8

Contract No:
PSL26/3022
Client Ref:
45296

CALIFORNIA BEARING RATIO (CBR)

BS 1377 - Part 2 : Clause 15 : 2022

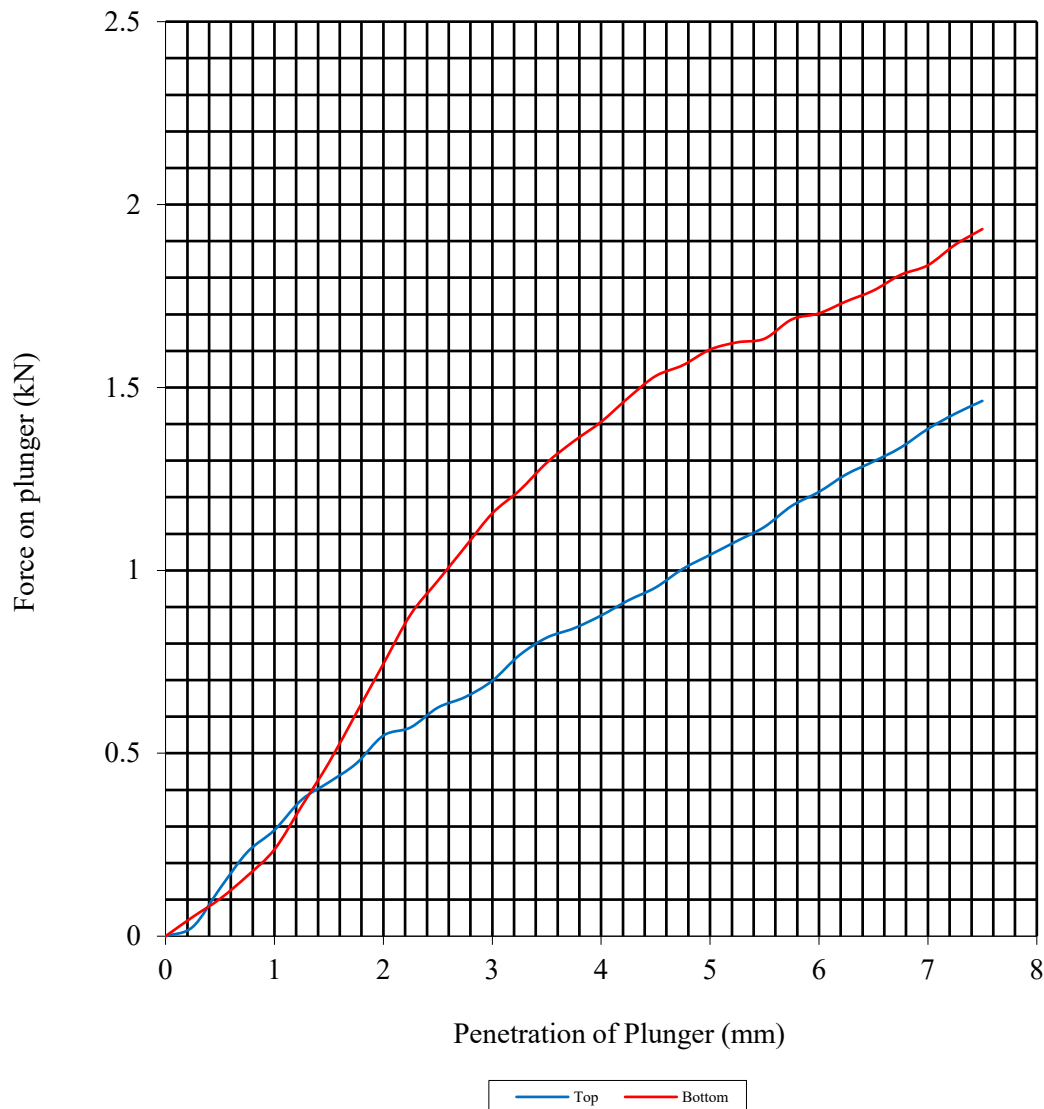
Hole Number: TP7

Top Depth (m): 0.80

Sample Number:

Base Depth (m):

Sample Type: B



Initial Sample Conditions		Sample Preparation		Final Water Content %		C.B.R. Value %	
Water Content:	17.2	Surcharge Kg:	4.00	Sample Top	18.9	Sample Top	5.2
Bulk Density Mg/m3:	2.11	Soaking Time hrs	96	Sample Bottom	18.1	Sample Bottom	8.0
Dry Density Mg/m3:	1.80	Swelling mm:	0.00	Remarks : See Summary of Soil Descriptions.			
Percentage retained on 20mm BS test sieve:		2					
Compaction Conditions		2.5kg					

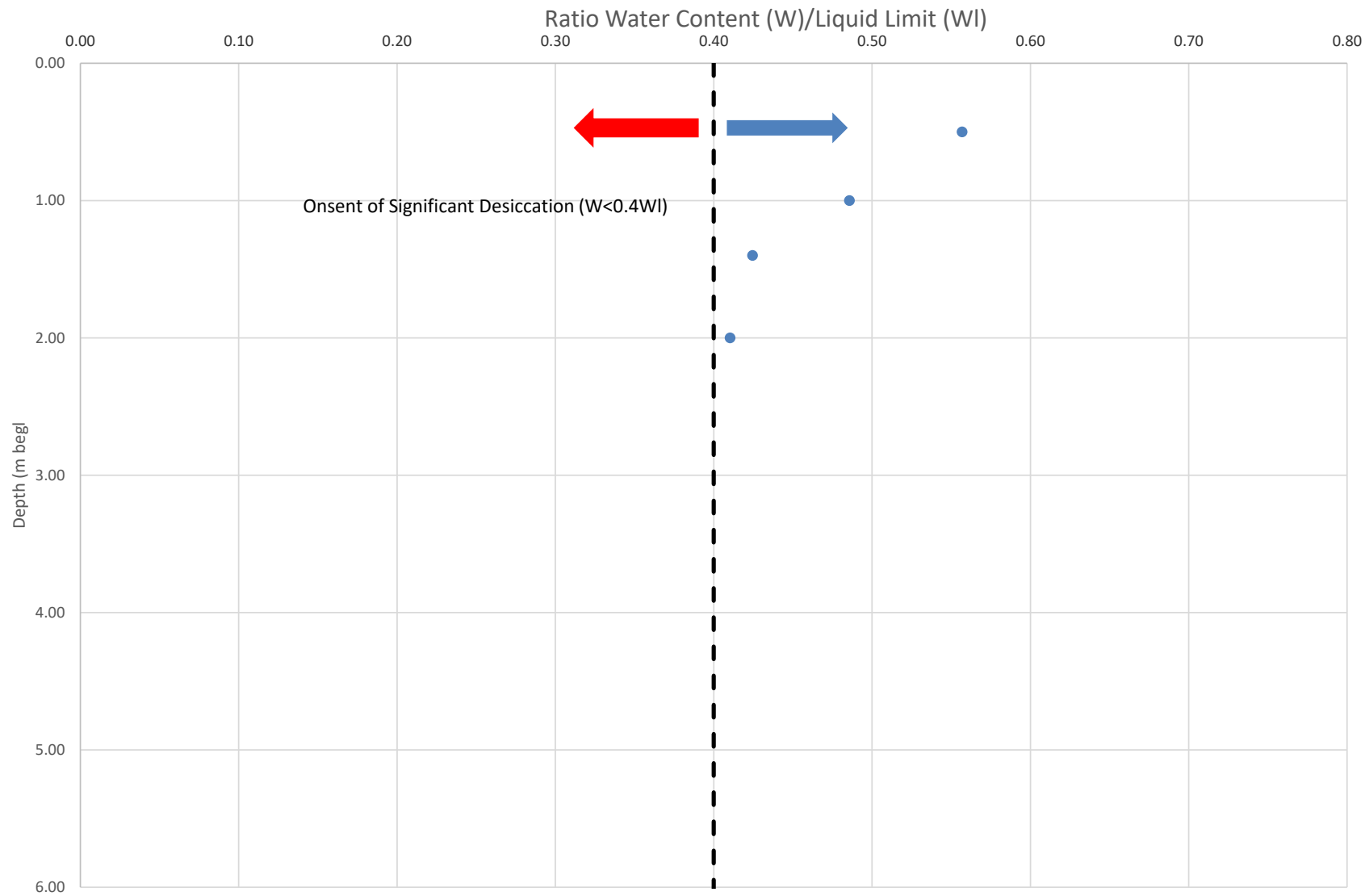


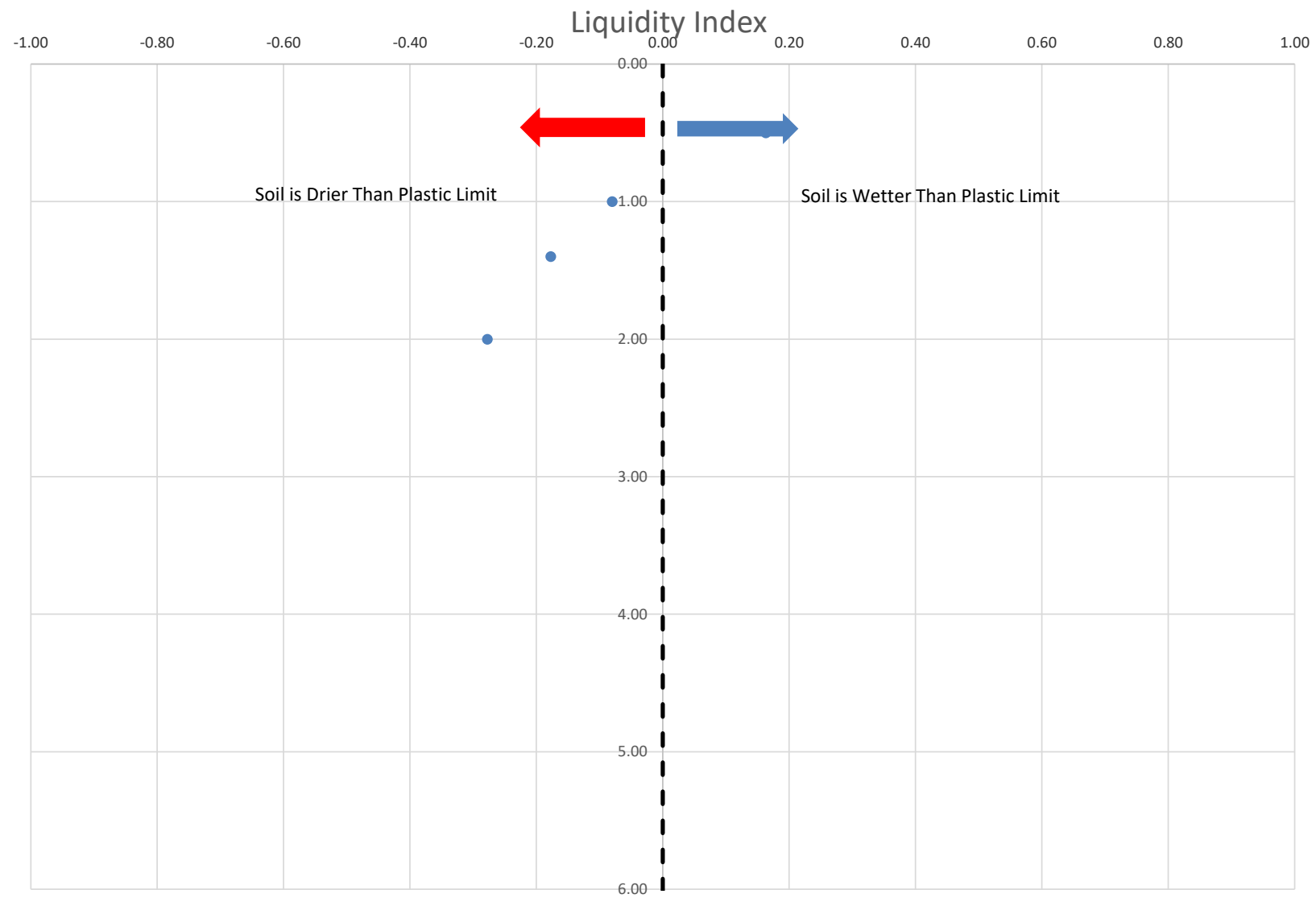
MIRA North Plot 8

Contract No:
PSL26/3022
Client Ref:
45296

Appendix XIV
Desiccation Assessment Sheets







● Liquidity Index (LI)

Appendix XV
Conditions & Limitations

Conditions & Limitations

Phase I Desk Studies

1. Works undertaken to provide the basis of the Phase I Desk Study report comprise a review of information available from a number of sources/parties (potentially also including the Client) together with a walk over of the site (where applicable and included within the quotation). The opinions given in the Phase I Desk Study are based on the information available from third parties/sources that has been obtained within the available timeframe. GeoDyne Limited assumes all third party information to be true and correct and therefore cannot accept liability for the accuracy of such information supplied.
2. Should additional information become available that may affect the comments and opinions made within the Phase I Desk Study, GeoDyne Limited reserves the right to review such information and make modifications to comments/opinions as appropriate.
3. It should be borne in mind that a Phase I Desk Study collates available information to generate a conceptual model of the site. The actual geotechnical and environmental considerations can only be fully quantified by intrusive investigation works to confirm the accuracy of the conceptual site model.

Phase II Intrusive Investigations

1. Our quotation assumes that access to the site will be arranged by others at no cost to ourselves.
2. We have assumed that free access is available throughout to the entire site and that works can be undertaken during a single mobilisation. Where restricted access is encountered, or where additional unscheduled mobilisations are required, additional costs may be incurred to the client.
3. We have assumed that all available information relating to buried services will be supplied by the Client at no cost to ourselves. No responsibility will be accepted for damage to underground services that have not been brought to our prior attention by the Client.
4. All excavations/boreholes will be backfilled with compacted arisings upon completion, with any excess arisings left proud of ground levels. Excess arisings will not be removed from the site unless specifically requested by the Client. Where we are requested to remove excess arisings, all associated costs will be passed to the Client.
5. We will attempt to leave the site in a clean and tidy state, however, it must be understood that some disturbance of the site is unavoidable during intrusive works.
6. Exploratory holes are positioned approximately on site by GeoDyne Limited. Should the client require precise locations of all exploratory points, additional fees will be incurred. It must be borne in mind that backfilled trial pits can create 'soft spots', therefore, should the Client wish to designate 'no dig' zones, for example under the footprint of proposed structures, these must be brought to our attention prior to commencement of works.
7. Groundwater observations relate to conditions encountered at the time of investigation. It must be understood that groundwater levels may vary as a result of recent climatic conditions or seasonal variation.
8. Trial pits and boreholes examine only a small proportion of the total site area. No liability can be accepted for conditions not revealed in exploratory holes, particularly between positions. All extrapolations of available data are given in good faith.

Payment

1. Payment terms are strictly 28 days from the invoice date. GeoDyne reserve the right to charge interest on any late payments.
2. Prior to commencement of works, we require receipt of formal written instruction from the party accepting full financial responsibility for the work. In the absence of such an instruction, we would expect the instructing Consulting Engineers/Architects to accept full financial responsibility for the works.
3. Receipt of instruction to commence work shall be taken as acceptance and compliance of the foregoing conditions.
4. GeoDyne reserve the right to charge for abortive costs for any site works cancelled by the client within 5 working days before mobilisation to site.

Liability

1. GeoDyne Limited offer £5,000,000.00 Professional Indemnity Insurance (in aggregate over the year). This shall be the limit of our liability for works undertaken. No individual liability shall be implied to, or accepted by, any employee for works undertaken for and on the behalf of GeoDyne Limited.
2. Subject to a prior agreement of terms and fees, reliance on our report may be assigned on one occasion only, except in the case of collateral warranty or duty of care given to a financier or funding party (not a purchaser or tenant) where further assignments may be permissible. No other assignment shall be permitted or valid. The length of any reliance/collateral warranty cannot be extended beyond the terms of the original agreement.

