

Appendix D WA Site Investigation Logs



BOREHOLE REFERENCE

BH1 Sheet 1 of 4

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 10/01/2024 - 11/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636080.79 N150781.57

Project No. : GM12741 Drilling Equipment: Cocmacchio 305 Level : 28.81m AoD Final Depth: 30.00m

Logged By Checked By GH GC

Water Strikes Depth (m) Type Results

Approved By GC

Bit Type Core Barrel

Core

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Hole Diameter Casing Diameter Casing Diameter Condition Inclination and Orientation Inclination Inclin

General Remarks



BOREHOLE REFERENCE

BH1 Sheet 2 of 4

Project Name: Cross Road, Deal	Client: Gladman Developments Ltd	Date: 10/01/2024 - 11/01/2024
ocation: Cross Road, Deal, Kent	Contractor: Geotron UK Ltd	Co-ords: E636080.79 N150781.57

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General Remarks



BOREHOLE REFERENCE **BH1**

Sheet 3 of 4

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 10/01/2024 - 11/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636080.79 N150781.57

Project No. : GM12741 Drilling Equipment: Cocmacchio 305 Level : 28.81m AoD Final Depth: 30.00m

Logged By Checked By Approved By Bit Type Core Barrel

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General Remarks



BOREHOLE REFERENCE

BH1

Sheet 4 of 4

Project Name: Cross Road, Deal	Client: Gladman Developments Ltd	Date: 10/01/2024 - 11/01/2024
ocation: Cross Road, Deal, Kent	Contractor: Geotron UK Ltd	Co-ords: E636080.79 N150781.57

Project No. : GM12741 Drilling Equipment: Cocmacchio 305 Level : 28.81m AoD Final Depth: 30.00m

Logged By Checked By Approved By Bit Type Core Barrel

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General Remarks



BOREHOLE REFERENCE

BH2

Sheet 1 of 4

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 16/01/2024 - 17/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636134.86 N150516.89

Project No.: GM12741 Drilling Equipment: Cocmacchio 305 Level: 26.60m AoD Final Depth: 31.70m

Approved By Logged By Checked By Bit Type Core Barrel ΕB GH Sample and In Situ Testing Water Depth Level Legend Stratum Description Strikes (m) (m) Depth (m) Type Results Soft brown slightly sandy CLAY. Sand is fine to coarse. (TOPSOIL). 0.20 26.40 Brown and white slightly gravelly fine to coarse SAND with frequent black specs. Gravel is angular to sub-angular fine to medium of chalk and flint. 0.50 26.10 Chalk recovered as a white unstained sandy GRAVEL of chalk and flint with frequent black and grey specs. (PROBABLE SEAFORD CHALK FORMATION). 5 6 8 9

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General Remarks



BOREHOLE REFERENCE

BH2 Sheet 2 of 4

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 16/01/2024 - 17/01/2024 Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636134.86 N150516.89

Project No. : GM12741 Drilling Equipment: Cocmacchio 305 Level: 26.60m AoD Final Depth: 31.70m

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	e Diameter		Top Base		Tool		_				TT		lin (%) Max			Pipe Type	
	e Diameter		Top Base		Tool		_				TT		lin (%) Max	0.00m	16.85m	Pipe Type	50n

General Remarks



BOREHOLE REFERENCE

BH2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 16/01/2024 - 17/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636134.86 N150516.89

Project No. : GM12741 Drilling Equipment: Cocmacchio 305 Level : 26.60m AoD Final Depth: 31.70m

Logged By Checked By Approved By Bit Type Core Barrel ΕB GH Sample and In Situ Testing Water Depth Level Stratum Description Legend Strikes (m) (m) Depth (m) Type Results Chalk recovered as a white unstained sandy GRAVEL of chalk and flint with frequent black and grey specs. (PROBABLE SEAFORD CHALK FORMATION). 20 21 22 23 25 26 26.00m - 31.70m : 0% Flush returns 28 29 Casing Diameter ation and Orientation Drilling Flush Pipe Type PLAIN SLOTTED Base Diameter Base Diameter Top Base Duration Top Base Inclination Orientation Top Base Min (%) Max (%) Туре Colour Diameter 0.00m 16.85m 16.85m 31.70m

General Remarks



BOREHOLE REFERENCE

BH2 Sheet 4 of 4

Project Name: Cross Road, Deal Date: 16/01/2024 - 17/01/2024 Client: Gladman Developments Ltd Co-ords: E636134.86 N150516.89 Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd

Level: 26.60m AoD Final Depth: 31.70m Drilling Equipment: Cocmacchio 305

Project No.: GM12741 Approved By Logged By Checked By Bit Type Core Barrel ΕB GH Sample and In Situ Testing Water Depth Level Stratum Description Legend Strikes (m) (m) Depth (m) Type Results Chalk recovered as a white unstained sandy GRAVEL of chalk and flint with frequent black and grey specs. (PROBABLE SEAFORD CHALK FORMATION). 30 31 31.70 End of Borehole at 31.70m 32 33 34 35 36 38 39 Casing Diameter ation and Orientation Drilling Flush Pipe Type PLAIN SLOTTED Base Diameter Base Diameter Top Base Duration Top Base Inclination Orientation Top Base Туре Min (%) Max (%) Colour Diameter 0.00m 16.85m 16.85m 31.70m

General Remarks



BOREHOLE REFERENCE

BH3 Sheet 1 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 09/01/2024 - 10/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E635967.60 N150453.62

Project No. : GM12741 Drilling Equipment: Cocmacchio 305 Level : 16.51m AoD Final Depth: 15.00m

Logged By Checked By Approved By Bit Type Core Barrel

EB GH GC

		EB				G	H				GC										
Install. / Backfill	Water Strikes		Sam epth (m		nd Ir	n Situ T	esting esults		Flush	Depth (m)	ı Le	evel m)	Leg	end		Strat	um D	escrip	otion		Scale
			<u> </u>	., .	<i>)</i> -					0.60	15	5.91			Soft brown s coarse. (TO	PSOIL).					
										1.20	15	5.31			Chalk recov with frequer (PROBABLI	rered as	a white specs. (ORD C	e slightl Gravel HALK	ly grav is cha FORM	elly SAND lk and flint. ATION).	
																					:
										3.90	12	2.61			Chalk recov GRAVEL of grey specs. FORMATIO		1.00			1.1. 1	
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	1			\perp								ı									
Hole [Diameter Diameter	Casing Base	g Diameter Diameter	Тор	Base	Chiselling Duration	Tool	Тор	Base	on and Orient	Orientation	Тор	Base	Туре	Drilling Flush Colour	Min (%)	Max (%)	Top 0.00m 9.06m	Base 9.06m 15.00m	Pipe Type PLAIN SLOTTED	Diameter 50mm 50mm

General Remarks



BOREHOLE REFERENCE

BH3 Sheet 2 of 2

19

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 09/01/2024 - 10/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E635967.60 N150453.62

Project No. : GM12741 | Drilling Equipment: Cocmacchio 305 | Level : 16.51m AoD | Final Depth: 15.00m

Approved By Logged By Checked By Bit Type Core Barrel ΕB GH Sample and In Situ Testing Water Depth Level Stratum Description Legend Strikes (m) (m) Depth (m) Type Results Chalk recovered as a white unstained sandy GRAVEL of chalk and flint with frequent black and 10 grey specs. (PROBABLE SEAFORD CHALK FORMATION). 13 14 15.00 1.51 15 End of Borehole at 15.00m 16 18

Casing Diameter ation and Orientation Drilling Flush Pipe Type PLAIN SLOTTED Base Diameter Base Diameter Top Base Duration Top Base Inclination Orientation Top Base Туре Min (%) Max (%) Colour Diameter 0.00m 9.06m 9.06m 15.00n

General Remarks



TRIAL PIT REFERENCE **TP01**

Sheet 1 of 1

_			
Project Name: Cross Road, Deal	Client: Gladman Developments Ltd	Date: 11/01/202	24
Location: Cross Road, Deal, Kent	Contractor: Geotron UK Ltd	Co-ords: E6360	088.65 N150813.74
Project No · GM12741	Excavator: Ovenden KX-080-4	Dimensions :	Einal Depth: 1.80m

Logged By Checked By Approved By Level GH GC 31.00m AoD 2.00m Final Depth. 1.80m

	FL			Gŀ	н		GC		31.00m	AoD		2.00m	7	40)°	
Backfill A	Vater trikes				Situ Testing		Depth (m)	Level (m)	Legend		Stra	atum De	scriptio	on		Scale
a G	umes	0.20 0.50	E	rpe SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	Results	S	0.20	30.80		Chalk recovers slightly clay	vered as (l vey sandy f chalk and	Loose to medium	nedium d ar to ang de Dc) w	s fine to mediulense) white ular fine to coa ith medium col is are subangu HALK MEMBE brown slightly subrounded to	m. urse oble	1
							1.80	29.20		1.70m - 1.80		nt tabular flirif		.80m		2
																3
																4
					Trench Support	t and Commer	ıt						Pumpi	ng Data		
Pit Sta		Shorir	ng Used				Remarks				Date	Rate		Remarks		_
SIAD																

General Remarks



TRIAL PIT REFERENCE **TP02**

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 11/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636029.33 N150769.12

Project No.: GM12741 Excavator: Ovenden KX-080-5

Logged By Checked By Approved By Level Final Depth: 2.10m

Orientation

Dark brown slightly sandy CLAY. Sand is fine to medium. (TOPSOIL) O.30 29.70 Chalk recovered as (Loose to medium dense) white slightly clayey sandy subangular to angular fine to coarse GRAVEL of chalk and flint (Grade Dc) with medium cobble are subangular company. Sand is fine to medium.	50°	scription	2.00m	30.00m AoD			Ар	-		Ву	ogged_ FL	L
Depth on the property of the		scription	2.00m			GC		GH				
Type Results (m) (m) Legend Stratum Description ES Dark brown slightly sandy CLAY. Sand is fine to medium. (TOPSOIL) Chalk recovered as (Loose to medium dense) white slightly clayey sandy subangular to angular fine to coarse GRAVEL of chalk and flint (Grade Dc) with medium cobble are subangular content. Sand is fine to medium.	dium.		Stratum Description					OH	(ΓL	
Dark brown slightly sandy CLAY. Sand is fine to medium. (TOPSOIL) Dark brown slightly sandy CLAY. Sand is fine to medium. (TOPSOIL) Chalk recovered as (Loose to medium dense) white slightly clayey sandy subangular to angular fine to coarse GRAVEL of chalk and flint (Grade Dc) with medium cobble content. Sand is fine to medium cobble content. Sand is fine to medium cobbles are subangular.	dium.			Legend		Depth					Water	
ES 0.30 29.70 Chalk recovered as (Loose to medium dense) white slightly clayey sandy subangular to angular fine to coarse GRAVEL of chalk and flint (Grade Dc) with medium cobble content. Sand is fine to medium. Cobbles are subangular content. Sand is fine to medium.	aium.		limbiliodio OLAV Cdio fin		(m)	(m)	ılts	Resul	n) Type	Depth (m)	Strikes	١
Lo anguler chalk and lint. (MARGATE CHALK MEMBER). Como volum frequent brows slightly gravelly clayery line to coarse SAND. Gravel is subrounded to subroun	coarse cobble	edium dense) white r to angular fine to e Dc) with medium Cobbles are suba 3ATE CHALK MEN, yellowish brown slight Gravel is subrounded and flint.	covered as (Loose to medium densayey sandy subangular to angular of chalk and flint (Grade Dc) with I Sand is fine to medium. Cobbles a r. chalk and flint. (MARGATE CHAI 40m: Frequent Pockets of yellowish broad yellowish broad to the coarse SAND. Gravel is subtrained to medium of chalk and flint.	Dark (TOP	(m) 29.70	(m) 0.30			ES ES		Strikes	

General Remarks



TRIAL PIT REFERENCE

TP03

Shoot 1 of 1

	G	11156101	Ŋ										Sheet 1 of 1	
roject	Name:	Cross Road	, Deal		Client: (Gladman De	evelopme	ents Ltd		Date: 11/	01/2024			
ocatio	n: Cros	s Road, Dea	l, Kent	t	Contrac	ctor: Geotro	n UK Ltd			Co-ords:	E63607	1.81 I	N150771.26	
roject	No. : G	GM12741			Excava	tor: Ovende	en KX-08	0-6		Dimensio	ns :	_ E	Final Depth: 2.30	m
	ogged		Che	cked By	Ap	proved By		Leve]			1.00m	Orientation	
	FL			GH		GC		30.00m	AoD —	2	2.00m		40°	
	Nater Strikes			In Situ Testin		Depth (m)	Level (m)	Legend		Stra	atum De	scripti	ion	Scale
		, , ,		rtodan					Dark brow	vn slightly s	andy CLAY	/. Sand	is fine to medium.	
Back		Depth (m) 0.10 2.00	ES ES	_		0.30 2.30		Legend	Chalk recusling content S	overed as (I ayey sandy of chalk and Sand is fine r chalk and 10m: Frequer to continue to medium time to medium to m	Loose to me subangular fint (Grace for medium	/. Sand medium ar to an close of the poly close	dense) white gular fine to coarse with medium cobble les are subangular CHALK MEMBER). sh brown slightly is subrounded to	800 1
														_
	- b-104		·	Trench Suppo	ort and Comme			1			F. 1	Pum	ping Data	
Pit St Sta		Shoring Used	+			Remarks				Date	Rate		Remarks	

General Remarks



Trial Dit Loa

TRIAL PIT REFERENCE

$\widetilde{\sim}$	ar	mstro	ng			ırıa	I PIT	Log					Sheet 1 of 1	
roje		: Cross Roa			Client: 0	Gladman D	evelopm	ents Ltd		Date: 11/	/01/2024	ļ	Officer 1 of 1	
.ocat	ion: Cros	ss Road, De	eal, Kent	t	Contrac	tor: Geotro	n UK Ltd			Co-ords:	E63611	2.83 1	N150764.31	
roje	ct No. : 0	GM12741			Excava	tor: Ovend	en KX-08	0-7		Dimension	ons :		Final Depth: 2.	40m
	Logged FL	Ву		cked By GH	Ap	proved By GC		Leve			2.00m	1.00m	Orientation 120°	on
Backfill	Water Strikes	Samp Depth (m		In Situ Test		Depth (m)	Level (m)	Legend		Stra	atum De	script	ion	Scale
			, , , , , , ,						Dark brov (TOPSOI		andy CLA	/. Sand	is fine to medium.	
		0.20	ES			0.20	30.80		Yellowish SAND. G	brown sligh	rounded to	y clayey suban	y fine to coarse gular fine to	-
		1.00	ES		port and Comm	2.40	28.60		medium of Chalk reconstightly classification GRAVEL content.	of chalk and overed as (ayey sandy of chalk and Sand is fine r chalk and	flint. Loose to m subangula d flint (Grad to medium	nedium ar to an de Dc) . Cobbi . Cobbi	dense) white gular fine to coarse with medium cobble les are subangular CHALK MEMBER).	2-
	Stability Stable	Shoring Us	sed			Remark	s			Date	Rate		Remarks	
		1								1	1	1		

General Remarks



TRIAL PIT REFERENCE **TP05**

Sheet 1 of 1 Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 11/01/2024 Co-ords: E635991.25 N150722.90 Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Dimensions: Excavator: Ovenden KX-080-8 Final Depth: 2.20m Project No.: GM12741 .00m Approved By Logged By Checked By Level Orientation GC FL GH 25.00m AoD 2.00m 50° Scale Sample and In Situ Testing Water Depth Level Stratum Description Legend Strikes (m) (m) Depth (m) Type Results Dark brown slightly sandy CLAY. Sand is fine to medium. (TOPSOIL) 0.20 ES 0.20 24.80 Yellowish brown slightly gravelly clayey fine to coarse SAND. Gravel is subrounded to subangular fine to medium of chalk and flint. 0.50 ES 0.60 24.40 Chalk recovered as (Loose to medium dense) white Slightly clayey sandy subangular to angular fine to coarse GRAVEL of chalk and flint (Grade Dc) with medium cobble content. Sand is fine to medium. Cobbles are subangular to angular chalk and flint. (SEAFORD CHALK FORMATION). 1.50 2 2.10m - 2.20m : Frequent tabular flint seams 2.20 22.80 Base of Excavation at 2.20m 3 Trench Support and Comment Pumping Data Pit Stability Date Rate Shoring Used

General Remarks



TRIAL PIT REFERENCE

	ermstr	ong			Tria	l Pit	Log					TP06 Sheet 1 of 1	
Project Nar	ne: Cross R	Road, Deal		Client: 0	Gladman D	evelopm	ents Ltd		Date: 11/	01/202	4		
_ocation: C	ross Road,	Deal, Ken	t	Contrac	tor: Geotro	n UK Ltd			Co-ords:	E6360	26.12	N150724.77	
Project No.	: GM12741			Excava	tor: Ovende	en KX-08	0-9		Dimensio	ons :	E	Final Depth: 2.40)m
Logg _e F	ed By L	Che	cked By GH	Ap	proved By GC		Leve 26.00m			2.00m	1.00m	Orientation 40°	1
Wate Strike		mple and	In Situ Testi	ng	Depth	Level	Legend	'	Stra	atum De	escript	ion	Scale
蓝 Strike	Depth ((m) Type	e Resu	lts	(m)	(m)		Dark brow				is fine to medium.	й
	0.10	ES			2.20 2.40	25.80 25.70		SAND. Gr medium o Chalk reco slightly cla GRAVEL o content. S to angular FORMATI	brown slight avel is subto fehalk and overed as (iyey sandy of chalk and on the chalk and oN). Om: Frequer of the chalk and oN).	rounded to flint. Loose to I cooke to subangul of flint (Grato mediur flint. (SEA flint.) at tabular flint. (SEA ORMATIC sandy subangul	medium ar to any de Dc) in to seams on the seams on the seams on the seams on the seams of the s	LK Recovered as to angular fine to ade Dc) with o medium. Cobbles flint. 2.40m	1 — — — — — — — — — — — — — — — — — — —
Pit Stability Stable	Shorir	ng Used		oort and Comme	Remarks				Date	Rate		ping Data Remarks	
Giable	1	1								1	1		

General Remarks



TRIAL PIT REFERENCE

TP07

Sheet 1 of 1

	_						
Project Name: Cross R	oad, Deal	Client: Gladman Develo	ppments Ltd	Date	e: 11/01/2024		
Location: Cross Road,	Deal, Kent	Contractor: Geotron Uk	Ltd	Co-d	ords: E63607	5.02 N	1150724.23
Project No. : GM12741		Excavator: Ovenden K	<-080-10	Dim	ensions :		Final Depth: 2.30m
Logged By	Checked By	Approved By	Level			8.	Orientation

FL			GH	GC		29.00m	AoD		2.00m		120°	
₩ Water Strikes			In Situ Testin	,',	Level (m)	Legend		Stra	atum De	scriptio	on	Scale
ğ Stines	Depth (100,000)	m) Typ		0.30	28.70		Chalk recov brown slight Dm). Grave and filint. (M 0.30m 0.40n gravelly claye subangular filing Chalk recov slightly clay GRAVEL of content. Sai	vered as (I tly clayey I is suban IARGATE III : Frequer tey fine to co ne to mediu vered as (I ey sandy chalk and nd is fine	Loose to n gravelly fii gular to at CHALK IN to Pockets of arse SAND im of chalk Loose to n subangula d flint (Grae to medium	medium d ne to coa ngular fin MEMBER) of yellowish of gravel is and flint. nedium d iar to ang de Dc) w n. Cobble	ense) yellowish rese SAND (Grade e to medium chalk brown slightly subrounded to ense) white ular fine to coarse ith medium cobble s are subangular HALK MEMBER).	1
				2.30	26.70			Base of	f Excaval	tion at 2	.30m	2
												2
Pit Stability Stable	Shoring	g Used	Trench Suppor	t and Comment Remark	s			Date	Rate	Pumpii	ng Data Remarks	

General Remarks



TRIAL PIT REFERENCE TP08

		0										Sheet 1 of 1	
Project Name:	Cross Road,	Deal		Client: 0	Gladman D	evelopm	ents Ltd		Date: 11	/01/2024	4		
_ocation: Cros	s Road, Deal	, Kent		Contrac	ctor: Geotro	n UK Ltd			Co-ords:	E63610	07.88	N150737.06	
Project No. : G	M12741			Excava	tor: Ovende	en KX-08	0-11		Dimension	ons :	¬ E	Final Depth: 1.9	0m
Logged I FL	Ву		ked By SH	Ap	proved By GC		Level			2.00m	1.00m	Orientation 50°	n
₩ Water Strikes		and li	n Situ Testir		Depth	Level	Legend	102		atum De	escript	•	Scale
Strikes	Depth (m)	Туре	Resul	ts	(m)	(m)		Dark brov	wn slightly s	andy CLA	Y. Sand	is fine to medium.	S
	0.10 0.50	ES ES	Trench Suppi	ort and Comm	1.80 1.90	29.20 29.10		Chalk rec slightly cl GRAVEL content. St to angula fine to med Margate clayey sa GRAVEL content. St to angula to ang	L) covered as (ayey sandy of chalk and sand is fine to chalk and equent Focket to coarse SAddium of chalk Meml indy cobbly of chalk and is fine ar chalk and equent Focket to coarse SAddium of chalk and chalk and equent Focket to coarse SAddium of chalk	Loose to r subangul d flint (Gra to mediun flint. (MAF iss of yellow ND. Gravel and flint. ber Chalk: subangula d flint (Gra to mediun flint.	medium lar to an ide Dc) in. Cobb RGATE is subroi Recove are to ang ide Dc) in. Cobb ish browr is subroi it subroi i	dense) white agular fine to coarse with medium cobble les are subangular CHALK MEMBER), a slightly gravelly unded to subangular ared as white slightly gular fine to coarse with medium cobble les are subangular a slightly gravelly unded to subangular	2
Pit Stability	Shoring Used		опри		Remarks				Date	Rate	, ull	Remarks	
Alinor collapsing of sides of pit in chalk deposits.													
General Rem	arks	-							•	•			



TRIAL PIT REFERENCE

TP09

	ar	mstr	ong						9					Sheet 1 of 1			
Project	Name:	Cross R	oad, De	al		Client: 0	Gladman D	evelopm	nents Ltd		Date: 11	/01/2024	•				
ocatic	n: Cros	s Road,	Deal, Ke	ent		Contrac	tor: Geotro	on UK Lt	d		Co-ords:	E63607	7.42	N150341.08			
Project	No. : G	M12741					tor: Ovende		30-12		Dimension	ons :	٦ <u>.</u>	Final Depth: 2.2	.0m		
L	ogged FL	Ву	Ch	necked GH	Ву	Ар	proved By GC		Leve 25.00m			2.00m	1.00m	Orientatio 310°	n		
Backfill	Water Strikes				tu Testir		Depth	Level	Legend			atum De	script	'	Scale		
Ä,	Suikes	Depth (Resul	ts	(m)	(m)				andy CLA	Y. Sand	I is fine to medium.	S		
		0.10	E	S			0.20	24.80		(TOPSOI Yellowish		ntly gravell	y claye	y fine to coarse	-		
									* * * * * * * * * * * * * * * * * * *		ravel is sub of chalk and		suban	igular fine to	-		
		0.50	E	s			0.60	24.40	* × ×								
							0.00	24.40		slightly cl	avey sandy	subangula	ar to an	dense) white gular fine to coarse with medium cobble	-		
									1 1 1	content. S to angula	Sand is fine ir chalk and	to medium	n. Cobb	les are subangular	-		
									<u>'' </u>	FORMAT	ION).				1-		
									<u> </u>	-					-		
									<u> </u>						-		
										-					-		
									,						-		
									<u> </u>	-					-		
		2.00	E	s						_					2-		
							2.20	22.80	11 11	2.10m - 2.	20m : Freque Base o	f Excava			-		
															-		
															-		
															-		
															-		
															3 -		
															-		
															-		
															4 -		
															-		
															-		
															-		
															-		
															_		
	Stability	Shorin	g Used		Trench Suppo	ort and Comme	ent Remarks	s		·	Date	Rate	Pum	nping Data Remarks			
St	able																

General Remarks



TRIAL PIT REFERENCE

TP10

Shoot 1 of 1

OII	שווט ושכווו										Sheet 1 of 1	
Project Name:	Cross Road, D	eal	Client: Gla	ıdman De	velopme	ents Ltd		Date: 11/	01/2024			
	s Road, Deal, k		Contractor								N150331.99	
Project No. : G	M12741		Excavator	: Ovender	n KX-080	0-13		Dimensio	ns:	_ E	Final Depth: 2.20)m
Logged E FL	Ву С	Checked By GH		oved By GC		Level 29.00m A			2.00m	1.00m	Orientation 220°	1
	Sample a	nd In Situ Testir	·	Depth	Level		100					<u>e</u>
₩ Water Strikes		ype Resul		(m)	(m)	Legend			itum De			Scale
Strikes -	0.20 0.50			0.20 0.30		Legend	Yellowish SAND. Gr medium of Chalk reculing slightly classing GRAVEL content. S	on slightly sa -) brown sligh avel is subr f chalk and overed as (I ayey sandy of chalk and sand is fine for chalk and f	tly gravelly ounded to flint. Loose to medium (Gracto medium)	y clayey subang nedium ar to and de Dc) v i. Cobbli GATE C	is fine to medium. If fine to coarse gular fine to dense) white gular fine to coarse with medium cobble es are subangular CHALK MEMBER).	1
Pit Stability	Shoring Used	Trench Suppo	ort and Comment	Remarks				Date	Rate	Pump	oing Data Remarks	3
Pit Stability Stable	Snoring Used			Remarks				Date	Kate		Remarks	

General Remarks



TRIAL PIT REFERENCE

	vard rmstro	2[[Tria	l Pit	Log			TP11	
			0	lianti Oladosan F	_,	- mt- t-l	Deta: 42/04/20	24	Sheet 1 of 1	
	e: Cross Roa			lient: Gladman D			Date: 12/01/20			
Location: Cr	oss Road, De	eal, Kent	C	ontractor: Geotro	on UK Ltd		Co-ords: E636	026.39 [N150683.62	
Project No. :	GM12741			xcavator: Ovend	en KX-08	30-14	Dimensions :	E	Final Depth: 2.40)m
Logge	-	Check	-	Approved By		Level		1.00m	Orientation	1
FL	1	G		GC	Ι	22.00m AoD	2.00m		220°	T 0
₩ Wate Strike	-		Situ Testing Results	Depth (m)	Level (m)	Legend	Stratum [Descripti	on	Scale
	0.20 0.50	ES ES	Results	0.20 0.30 0.60	21.80 21.70 21.40	Yellc SAN med Chal me	s brown slightly sandy CLPSOIL) which brown slightly grav ID. Gravel is subrounded ium of chalk and flint. Ik recovered as (Loose to recovered as (Loose to subangular to flint. (SEAFORD CHALK Ik recovered as (Loose to the covered as (Loose to th	elly clayey to subang or medium if fine to co angular fi. FORMAT or medium ular to angular to angular to angular to AFORD (r fine to coarse gular fine to dense) yellowish arse SAND (Grade ne to medium chalk ION). dense) white gular fine to coarse with medium cobble es are subangular CHALK	2-

Trench Support and Comment Pumping Data Pit Stability Stable Shoring Used Remarks Date Rate

General Remarks



TRIAL PIT REFERENCE

TP12 Sheet 1 of 1

Project Name: Cross Road, Deal	Client: Gladman Developments Ltd	Date: 12/01/2024
ocation: Cross Road Deal Kent	Contractor: Geotron UK Ltd	Co-ords: E636060 46 N150682 28

Project No. : GM12741 Excavator: Ovenden KX-080-15

Logged By Checked By Approved By Level Dimensions : Final Depth: 2.30m
Orientation

FL	Бу		SH	GC GC		24.00m A			2.00m	⊣ ÷	310°	
Water Strikes	Sample		n Situ Testing		Level					scriptior		<u>a</u>
Strikes	Depth (m)	Туре	Results	(m)	(m)	Legend						Ů,
	0.10	ES		0.20 0.30	23.80 23.70 23.30		Yellowish SAND. G medium c Chalk rec brown slig Dm). Gra and flint. (Chalk rec slightly cla	brown sligh ravel is subr of chalk and covered as (I ghtly clayey vel is suban (SEAFORD covered as (I ayey sandy	tly gravelly ounded to flint. Loose to n gravelly fir gular to ar CHALK FO Loose to n subangula	y clayey fin subangul nedium de ne to coars ngular fine ORMATIO nedium de ar to angul	nse) yellowish se SAND (Grade to medium chal N). nse) white ar fine to coarse	k
	1.00	ES					content. S	Sand is fine in chalk and f	to medium	. Cobbles	h medium cobbl are subangular ALK	e
				2.30	21.70		2.20m - 2.	30m : Frequer Base of		nt seams	30m	

General Remarks



TRIAL PIT REFERENCE

TP13Sheet 1 of 1

	_					
Project Name: Cross R	oad, Deal	Client: Gladman Develo	opments Ltd	Date: 12/01/202	24	
Location: Cross Road,	Deal, Kent	Contractor: Geotron Uk	< Ltd	Co-ords: E6359	78.03 N	N150621.63
Project No. : GM12741		Excavator: Ovenden K	X-080-16	Dimensions :		Final Depth: 2.30m
Logged By	Checked By	Approved By	Level		0.	Orientation
	011	00	07.00 4.5		•	400

FL			GH	GC		27.00m A	AoD	2	2.00m	_	40°	
₩ Water Strikes	Sam Depth (r		In Situ Testin	, ' \	Level (m)	Legend		Stra	atum De	scription	on	Scale
	0.10 0.50	ES ES		0.20	26.80		Yellowish b SAND. Gra medium of Chalk reco brown sligh	orown sligh avel is subrichalk and overed as (I	tly gravelly ounded to flint. Loose to n gravelly fir	y clayey o subang nedium c	s fine to medium. fine to coarse ular fine to dense) yellowish arse SAND (Grade te to medium chalk	-
	2.00	ES		0.80	26.20		Chalk reco slightly clay GRAVEL or	SEAFORD vered as (I yey sandy if chalk and and is fine chalk and	CHALK Formal CHALK	nedium of ar to angoing de Dc) was cobble	ON) dense) white ular fine to coarse vith medium cobble as are subangular	1 2
				2.30	24.70			Base o	f Excavat	tion at 2	2.30m	3
												4
Pit Stability Stable	Shoring	Used	Trench Suppo	rt and Comment Remark	s			Date	Rate	Pump	ing Data Remarks	

General Remarks



TRIAL PIT REFERENCE

TP14Sheet 1 of 1

Project Name: Cross Road, Deal	Client: Gladman Developments Ltd	Date: 10/01/2024
ocation: Cross Road, Deal, Kent	Contractor: Geotron UK Ltd	Co-ords: E636026.12 N150625.91

General Remarks



TRIAL PIT REFERENCE

TP15 Sheet 1 of 1

Project Name: Cross Road, Deal	Client: Gladman Developments Ltd	Date: 10/01/2024
ocation: Cross Road, Deal, Kent	Contractor: Geotron UK Ltd	Co-ords: E636075.82 N150621.10

Project No. : GM12741 Excavator: Ovenden KX-080-18 Dimensions :

Logged By Checked By Approved By Level Orientation

FL	Бу		GH	GC		22.00m A			2.00m	J÷	310°	
Water Strikes	Sampl		ın Situ Testinç		Level		NOD					Scale
Strikes	Depth (m)	Туре	Results	()	(m)	Legend				scription		ů.
	0.10	ES		0.20	21.80	, X	(TOPSOII Yellowish	L)	tly gravell	y clayey fii	fine to medium. ne to coarse ar fine to	
	0.50	ES		0.40	21.60		medium o Chalk rec brown slig Dm), Gray	of chalk and overed as (lightly clayey	flint. Loose to n gravelly fin gular to ar	nedium de	nse) yellowish se SAND (Grade to medium chalk	_
				0.70	21.30		Chalk rec slightly cla GRAVEL content. S	overed as (layey sandy of chalk and Sand is fine r chalk and	Loose to n subangula I flint (Grad to medium	nedium de ar to angul de Dc) wit n. Cobbles	nse) white ar fine to coarse h medium cobble are subangular	
	2.00	ES		2.50	19.50		2.40m - 2.9	50m∶Frequer Base o		nt seams tion at 2.!	50m	
			Trench Support	and Comment						Pumping	g Data	
Pit Stability	Shoring Used	d		Remark	s			Date	Rate		Remarks	
Stable												

General Remarks



	• W	/arde mstror	ll Ig			Tria	l Pit	Log			IKI	TP16 Sheet 1 of 1	JE	
Proje	ct Name	: Cross Road,	Deal		Client:	Gladman D	evelopm	ents Ltd		Date: 10/01/20	24			
Locat	ion: Cros	ss Road, Dea	l, Kent		Contra	ctor: Geotro	on UK Ltd	d		Co-ords: E635	E635932.07 N150570.33			
Proje	ct No. : 0	GM12741			Excava	tor: Ovend	en KX-08	30-19		Dimensions :	ε	Final Depth: 2.30	0m	
	Logged FL	Ву		ked By SH	Ap	proved By GC		Leve 23.00m		2.00m	2.00m Final Depth: 2.			
Backfill	Water			n Situ Testir		Depth	Level	Legend		Stratum [Descriptio	on	Scale	
Ba	Strikes	0.20 0.50	ES ES	Resul	ts	0.30 0.50	22.70 22.50		Chalk representation of the content.	covered as (Loose tightly clayey gravelly avel is subangular to (SEAFORD CHALK covered as (Loose telayey sandy subang of chalk and flint (Sand is fine to mediar chalk and flint. (SI	AY. Sand is or medium do fine to coal angular fin (FORMATI) or medium do medium do angular to angular finade Dc) woum. Cobble	lense) yellowish urse SAND (Grade e to medium chalk ON). lense) white ular fine to coarse ith medium cobble is are subangular		
		1.50	ES			2.30	20.70			Base of Exca	vation at 2	.30m	2-	

			Pumping Data								
Pit Stability Shoring Used Remarks									Rate	Remarks	
Stable											

General Remarks



TRIAL PIT REFERENCE

TP17 Sheet 1 of 1

Project Name: Cross Road, Deal	Client: Gladman Developments Ltd	Date: 12/01/2024				
Location: Cross Road, Deal, Kent	Contractor: Geotron UK Ltd	Co-ords: E635972.15	N150572.47			
Draigat No. : CM12741	Evenuator: Ovenden KV 000 20	Dimensions :	Final Danth: 2 20m			

Project No. : GM12741 Excavator: Ovenden KX-080-20

Logged By Checked By Approved By Level
FL GH GC 25.00m AoD 2.00m Final Depth: 2.20m

Orientation

0°

FL			GH	GC		25.00m	AoD	- 2	2.00m		0°	
₩ Water Strikes			In Situ Testin	, ,	Level (m)	Legend		Stra	atum De	scription	on	Scale
	0.20 0.50	m) Typ		0.20 0.70	24.80		Chalk reco brown sligh Dm). Graw and flint. (\$ 0.20m - 0.40 gravelly clay subangular the Chalk reco slightly clay GRAVEL o	vered as (ntly clayey el is suban BEAFORD im: Frequei eyey fine to media vered as (yey sandy f chalk and and is fine chalk and	Loose to n gravelly fi gular to at CHALK F at Pockets of parse SAND um of chalk Loose to n subangula d flint (Gra to medium	medium one to coangular fir ORMATion of yellowis. One of the first and flint. medium of the first to angular to angular to angular to Cobble on C	is fine to medium. Idense) yellowish arse SAND (Grade ne to medium chalk ION). In brown slightly is subrounded to Idense) white ular fine to coarse with medium cobble es are subangular IHALK	
	1.50	ES		2.20	22.80		2.10m - 2.20		nt tabular flin f Excava		2.20m	2
it Stability Stable	Shoring	ı Used	Trench Suppo	rt and Comment Remar	ks			Date	Rate	Pump	oing Data Remarks	

General Remarks



TRIAL PIT REFERENCE

TP18

armstrong									9		Sheet 1 of 1				
roje	ct Name	: Cross R	oad, De	al		Client: 0	Gladman D	evelopm	ents Ltd		Date: 12	01/2024	1		
.ocat	ion: Cros	ss Road,	Deal, Ke	ent		Contrac	tor: Geotro	on UK Ltd	I		Co-ords:	E63602	26.66	N150571.40	
roje	ct No. : C	GM12741				Excava	tor: Ovende	en KX-08	0-21		Dimension	ns :	٦٤	Final Depth: 2.2	:0m
	Logged FL	Ву	Cł	necked GH	Ву	Ap	proved By GC		Leve 26.00m			2.00m	1.00m	Orientatio 40°	n
Backfill	Water	Sar	nple an		tu Testir	ıg	Depth	Level	Legend			atum De	script	•	Scale
8 ((((()	Strikes	Depth (0.00	E	S	Result	ts	(m)	(m)		Dark brov				is fine to medium.	й
		0.10	E	S			0.20	25.80		(TOPSOI		Al		- Finanta	
									×××	SAND. G	ravel is sub of chalk and	ounded to	suban	y fine to coarse gular fine to	
							0.45	25.55	;;					dense) yellowish parse SAND (Grade	-
							0.70	25.30		Dm). Gra and flint.	vel is suban (MARGATE	gular to ar CHALK M	ngular fi IEMBEF	ine to medium chalk R).	
										slightly cl	ayey sandy	subangul	ar to an	dense) white ngular fine to coarse with medium cobble	
		1.00	E	s					,	content. S	Sand is fine	to medium	n. Cobb	les are subangular CHALK MEMBER).	1-
									,						-
									 						2-
Y2///Y							2.20	23.80			Base o	f Excavat	tion at	2.20m	
															3 -
															-
															4 -
															-
					Trench Suppo	ort and Comm	ent						Piim	nping Data	_
inor colla	Stability psing of sides	Shoring	g Used		эчрри	a commit	Remarks	s			Date	Rate	. uiii	Remarks	
	nalk deposits.														

General Remarks



TRIAL PIT REFERENCE

TP19

Sheet 1 of 1

GII	oject Name: Cross Road, Deal cation: Cross Road, Deal, Kent									Sheet 1 of 1			
Project Name:	Cross Road, D	eal	Client: Gladman	Developm	ents Ltd		Date: 10/01/2024						
ocation: Cros	s Road, Deal, h	Kent	Contractor: Geot	tron UK Ltd	l		Co-ords:	E63608	5.44	N150573.00			
Project No. : G	M12741		Excavator: Oven	den KX-08	0-22		Dimensio	ns:	¬ E	Final Depth: 3.00)m		
Logged E FL	Зу	Checked By GH	Approved B GC	Ву	Level 17.00m <i>A</i>		2	2.00m	1.00m	Orientation	1		
Water Strikes		nd In Situ Testii		Level (m)	Legend		Stra	tum De	script	ion	Scale		
	, , , ,	•	its ,	1 , ,				andy CLAY	/. Sand	I is fine to medium.			
	0.10	ES	0.20	16.80		Yellowish	brown sligh	tly gravelly	y claye	y fine to coarse			
	0.50	F6	0.40	16.60	** *** 	medium o	of chalk and overed as (L	flint. Loose to m	nedium	igular fine to			
		ES				Dm). Gra		gular to ar	ngular f	parse SAND (Grade ine to medium chalk TION).	1-		
			1.60	15.40		slightly cla GRAVEL content. S	ayey sandy s of chalk and Sand is fine t r chalk and f	subangula flint (Grad o medium	r to and de Dc) i. Cobb	dense) white gular fine to coarse with medium cobble les are subangular CHALK	2-		
			3.00	14.00	, , , , , ,		Base of	Excavat	ion at	3.00m	3 -		
		Trench Supp	sort and Comment						Pum	nning Data	4 -		
Pit Stability	Shoring Used	Trench Supp	ort and Comment	arks			Date	Rate	Pum	nping Data Remarks			
Stable													

General Remarks



TRIAL PIT REFERENCE

TP20

Sheet 1 of 1 Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 10/01/2024 Co-ords: E636127.66 N150570.86 Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Dimensions: Final Depth: 3.60m Project No.: GM12741 Excavator: Ovenden KX-080-23 .00m Logged By Checked By Approved By Level Orientation FL GH GC 19.00m AoD 2.00m 10° Scale Sample and In Situ Testing Water Depth Level Stratum Description Legend (m) Strikes (m) Depth (m) Type Results Dark brown slightly sandy CLAY. Sand is fine to medium. (TOPSOIL) 0.20 0.20 ES 18.80 Yellowish brown slightly gravelly clayey fine to coarse SAND. Gravel is subrounded to subangular fine to medium of chalk and flint. 0.50 ES 1.50 17.50 (Soft) Light yellowish brown slightly sandy slightly gravelly CLAY with low cobble content. Sand is fine to coarse. Gravel is subrounded to subangular fine to coarse of chalk and flint. Cobbles are angular flint. 2 2.20 16.80 Chalk recovered as (Loose to medium dense) yellowish brown slightly clayey gravelly fine to coarse SAND (Grade Dm). Gravel is subangular to angular fine to medium chalk and flint. (SEAFORD CHALK FORMATION). 3 00 FS 3 3.50 15.50 Chalk recovered as (Loose to medium dense) white slightly clayey sandy subangular to angular fine to coarse GRAVEL of chalk and flint (Grade Dc) with medium cobble content. Sand is fine to medium. Cobbles are subangular to angular chalk and flint. (SEAFORD CHALK FORMATION). 3.60 15.40 Base of Excavation at 3.60m Trench Support and Comment Pumping Data Pit Stability Rate Shoring Used Date

General Remarks



TRIAL PIT REFERENCE

3 -

SS	V	Mstr	16	ll g			Tria	l Pit	Log				TP21 Sheet 1 of 1	
Projec	ct Name	: Cross R	oad,	Deal		Client:	Gladman D	evelopn	ents Ltd		Date: 11/01/202	24		
Locat	ion: Cro	ss Road,	Deal,	Kent		Contra	ctor: Geotro	n UK Lt	d		Co-ords: E6359	934.74	N150523.30	
Proje	ct No. : (GM12741				Excava	ator: Ovende	en KX-0	30-24		Dimensions :	E	Final Depth: 2.20)m
	Logged FL	Ву			ked By GH	A	oproved By GC		Leve 22.00m		2.00m	1.00m	Orientation 280°	ı
	Water	Sar	mple		n Situ Testii	ng	Depth	Level		HOD				<u>e</u>
Backfill	Strikes	Depth (Туре	Resul		(m)	(m)	Legend		Stratum D	•		Scale
		0.10 0.10 0.50		B ES B ES			0.20	21.80		Yellowisl SAND. (medium Chalk re slightly c	wn slightly sandy CL ilL) h brown slightly grave Gravel is subrounded of chalk and flint. covered as (Loose to layey sandy subangu, of chalk and flint (Grand flint)	elly clayey to subanç medium ular to ang	r fine to coarse gular fine to dense) white gular fine to coarse with medium cobble	-
		1.50		ES			2.20	19.80			ar chalk and flint. (SETION).	AFORD (CHALK	1
							2.20	19.80			Base of Excav	ation at	2.20m	-

												-
				Pumping Data								
Pit Stal		Shoring Used	Shoring Used Remarks								Remarks	
Stab	ole											

General Remarks



TRIAL PIT REFERENCE

TP22 Sheet 1 of 1

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 10/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E635976.42 N150522.77

Project No.: GM12741 Excavator: Ovenden KX-080-25 Dimensions: Final Depth: 2.30m

FL			GH	GC	GC 24.00m			AoD 2.00m				280°	
₩ Water Strikes			In Situ Testin	, ' \	Depth Level (m)			Stratum Description				Scale	
a Ottinos	Depth (r 0.10 0.50	m) Typ		0.20 0.30 0.60	23.80 23.70 23.40		Yellowish br SAND. Grav medium of c Chalk recov brown slight Dm). Grave and flint. (Sl Chalk recov slightly clay GRAVEL of content. Sai	own slightly sandy CLAY. Sand is fine to medium. III.) In brown slightly gravelly clayey fine to coarse Gravel is subrounded to subangular fine to of chalk and flint. Covered as (Loose to medium dense) yellowish ightly clayey gravelly fine to coarse SAND (Grad avel is subangular to angular fine to medium cha (SEAFORD CHALK FORMATION). Covered as (Loose to medium dense) white clayey sandy subangular to angular fine to coarse of chalk and flint (Grade Dc) with medium cobb Sand is fine to medium. Cobbles are subangular ar chalk and flint. (SEAFORD CHALK					
				2.30	21.70			Base of	f Excavat	tion at 2	.30m	2	
												4	
Pit Stability Stable	Shoring	Used	Trench Suppor	t and Comment Remark:	s			Date	Rate	Pumpli	ng Data Remarks		

General Remarks



TRIAL PIT REFERENCE

TP23 Sheet 1 of 1

Project Name: Cross Road, Deal	Client: Gladman Developments Ltd	Date: 10/01/2024					
Location: Cross Road, Deal, Kent	Contractor: Geotron UK Ltd	Co-ords: E636026.66 N150522.77					
Project No. : GM12741	Excavator: Ovenden KX-080-26	Dimensions : Final Depth: 2.10m					

Logged By Checked By Approved By Level Orientation GC FL GH 24.00m AoD 2.00m 10° Scale Sample and In Situ Testing Depth Water Level Stratum Description Legend Strikes (m) (m) Depth (m) Results Туре Dark brown slightly sandy CLAY. Sand is fine to medium. (TOPSOIL) 0.10 ES 0.20 23.80 Yellowish brown slightly gravelly clayey fine to coarse 0.30 SAND. Gravel is subrounded to subangular fine to medium of chalk and flint. 23.70 Chalk recovered as (Loose to medium dense) yellowish brown slightly clayey gravelly fine to coarse SAND (Grade Dm). Gravel is subangular to angular fine to medium chalk and flint. (SEAFORD CHALK FORMATION).

Chalk recovered as (Loose to medium dense) white 0.50 ES 0.65 23.35 slightly clayey sandy subangular to angular fine to coarse GRAVEL of chalk and flint (Grade Dc) with medium cobble content. Sand is fine to medium. Cobbles are subangular to angular chalk and flint. (SEAFORD CHALK FORMATION). В 1.50 2.00 ES 2 2.10 21.90 Base of Excavation at 2.10m 3 Trench Support and Comment Pumping Data Pit Stability Shoring Used Date Rate

General Remarks



TRIAL PIT REFERENCE

TP24

ŏ	ar	mstro	ng			m		LUg	Sheet 1 of 1					
rojec	t Name:	Cross Road	d, Deal		Client: 0	Gladman D	evelopm	ents Ltd	Date: 09/01/2024					
.ocati	on: Cros	ss Road, Dea	al, Ken	t	Contrac	ctor: Geotro	İ	Co-ords:	N150522.77					
Projec	t No. : C	GM12741			Excava	tor: Ovend	0-27		Dimension	Final Depth: 2.7	0m			
	Logged FL	Ву		cked By GH	Ap	proved By GC	l AoD		2.00m	Orientation 120°				
Backfill	Water Strikes		e and	In Situ Testi		Depth (m)	Level (m)	Legend		Stra	•	Scale		
	ou moo	Depth (m)	Туре	Resu	its	(111)	()				andy CLA	/. Sand	is fine to medium.	0)
		0.10	ES	s		0.30 0.50 1.00	19.70 19.50 19.00		Yellowish SAND. Genedium Chalk record brown slind Dm). Graand flint. Chalk recold slightly control of GRAVEL	dense) yellowish parse SAND (Grade ine to medium chalk rION). dense) white gular fine to coarse with medium cobble les are subangular CHALK	2-			
						2.70	17.30			Base o	f Excavat	tion at	2.70m	3 -
				Trench Supp	port and Comme	ent						Pum	ping Data	4 -
	Stability	Shoring Use	d	401		Remark	s			Date	Rate		Remarks	
- MILIO														

General Remarks



TRIAL PIT REFERENCE

\approx	arr	nstror	ig			Irıa	I PIt	Log					P25 et 1 of 1		
Project N	lame: (Cross Road,	Deal		Client: 0	Date: 09/01/2024									
.ocation:	Cross	Road, Deal	, Kent	t	Contrac	Co-ords: E636126.05 N150525.44									
Project N	lo. : Gl	M12741			Excava	tor: Ovende	en KX-08	0-28		Dimensio	ns :	¬ E	Final I	Depth: 2.	20m
Log	gged By Checked By FL GH				Ap	proved By GC		Level 20.00m A	I	2.00m		1.00m	Orientation 120°		on
	ater ikes	Sample Depth (m)	and I	In Situ Testi Resu	_	Depth (m)	Level (m)	Legend		Stra	atum De	scripti	ion		Scale
		0.20 0.50 0.50 0.50	ES B ES		ort and Comme	0.30 0.40 0.60	19.70 19.60 19.40		Yellowish SAND. Gr medium o Chalk recc brown slig Dm). Grav and flint. (Chalk recc slightly cla GRAVEL c content. S	brown slight ravel is subr f chalk and overed as (I htty clayey vel is suban SEAFORD overed as (I ayey sandy of chalk and and is fine chalk and i ON).	tly gravelly ounded to flint. Loose to n gravelly fir gular to ar CHALK For Loose to n subangular I flint (Grad to medium	y clayey subang nedium ne to cogular fi normal ne to cogular fi normal ne to cogular fi normal ne to angular fi normal ne to a	/ fine to c gular fine dense) y parse SAI ne to me 10N). dense) w gular fine with med les are si CHALK	oarse to ellowish ND (Grade dium chalk /hite to coarse	2
Pit Stabi Stable		Shoring Used				Remarks	<u> </u>			Date	Rate		I	Remarks	
										1					

General Remarks



TRIAL PIT REFERENCE

TP26

arristiong	•		Sheet 1 of 1
Project Name: Cross Road, Deal	Client: Gladman Developments Ltd	Date: 10/01/202	4
ocation: Cross Road, Deal, Kent	Contractor: Geotron UK Ltd	Co-ords: E6359	74.29 N150473.61
Drain at No. 1 CM40744	Everyoter: Ovenden KV 000 20	Dimensions :	Final Donth, 2.20m

Project No. : GM12741 Excavator: Ovenden KX-080-29 Dimensions : Final Depth: 2.30m

Logged By Checked By Approved By Level GC 22.00m AoD 2.00m To a significant si

Water Sample and In Situ Testing Depth (In) Type Results Depth (In) Type Results Depth (In) Type Results Depth (In) Depth (In) Type Results Depth (In) De	FL			G	SH	GC		22.00m A	AoD	2	2.00m		320°	
Dark brown slightly sandy CLAY. Sand is fine to me (TOPSOIL) Vellowish brown slightly gravelly clayey fine to coars SAND. Gravel is subrounded to subangular fine to medium of chalk and flint. Chalk recovered as (Loose to medium dense) yellor brown slightly clayey gravelly fine to coars SAND in the coarse SAND in t	Nater			nd In	n Situ Testing							scription		Scale
1.00 ES 21.20 Dm), Gravel is subangular to angular fine to medium and flint. (SEAFORD CHALK FORMATION). Chalk recovered as (Loose to medium dense) white slightly clayey sandy subangular to angular fine to a GRAVEL of chalk and flint (Grade Dc) with medium content. Sand is fine to medium. Cobbles are subart to angular chalk and flint. (SEAFORD CHALK FORMATION).		0.20	1	ES	resuits	0.20	21.80		Yellowish SAND. G medium of Chalk rec brown sli	L) brown slightravel is subjected and covered as (ightly clayer)	itly gravelly rounded to flint. Loose to n	y clayey fine o subangular nedium dense ne to coarse	to coarse fine to e) yellowish SAND (Grade	_
2.30 19.70 Base of Excavation at 2.30m						0.80	21.20		Dm). Gra and flint. Chalk rec slightly cl GRAVEL content. S to angula	vel is suban (SEAFORD covered as (ayey sandy of chalk and Sand is fine or chalk and	gular to ar CHALK F Loose to n subangula d flint (Grad to medium	ngular fine to ORMATION). nedium dense ar to angular t de Dc) with n n. Cobbles are	medium chalk a) white fine to coarse nedium cobble s subangular	
2.30 19.70 Base of Excavation at 2.30m														
						2.30	19.70	<u> </u>		Base o	f Excavat	tion at 2.30i	m	
Trench Support and Comment Pumping Data					Trench Support ar	nd Comment	1					Pumping Da	ta	
Pit Stability Shoring Used Remarks Date Rate Rema		Shoring	g Used				s			Date	Rate		Remarks	
Stable	bie													

General Remarks



TRIAL PIT REFERENCE

TP27Sheet 1 of 1

	_					Officer 1 of 1
Project Name: Cross R	oad, Deal	Client: Gladman Develo	opments Ltd	Date: 10/01/202	24	
Location: Cross Road,	Deal, Kent	Contractor: Geotron Uk	(Ltd	Co-ords: E6360	24.52 N	N150475.21
Project No. : GM12741		Excavator: Ovenden K	X-080-30	Dimensions :		Final Depth: 2.50m
Logged By	Checked By	Approved By	Level		9.	Orientation
FI	CLI	CC	00.00 4-D	2.00		00

Strikes Depth (m) Type Results	Water Strikes	Depth (m) 0.10 0.50	ES ES		0.20 0.30	(m) 22.80	Legend	Yellowish bro SAND. Grave medium of ch Chalk recove brown slightly Dm). Gravel	slightly sa own slight el is subro halk and f ered as (L y clayey o is subano	ndy CLAY ly gravelly bunded to lint. oose to m	Y. Sand is y clayey f o subangu	s fine to medium. fine to coarse ular fine to ense) yellowish	
0.10 ES 0.20 22.80 0.30 22.70 0.50 ES 0.80 22.20 0.80 22.20 0.80 22.70 Dark brown slightly sandy CLAY. Sand is fine to medium. (TOPSOIL) Yellowish brown slightly gravelly clayey fine to coarse SAND. Gravel is subrounded to subangular fine to medium of chalk and flint. (Chalk recovered as (Loose to medium dense) yellowish brown slightly clayey gravelly fine to coarse SAND (Grade Drown slightly clayey fine to coarse SAND Gravel is subrounded to subangular fine to medium chalk and flint. (SEAFORD CHALK FORMATION). Chalk recovered as (Loose to medium dense) white slightly clayey sandy subangular to angular fine to coarse GRAVEL of chalk and flint (Grade Dc) with medium cobble content. Sand is fine to medium. Chalk recovered as (Loose to medium dense) white slightly clayey sandy subangular to angular fine to coarse GRAVEL of chalk and flint (Grade Dc) with medium cobble are subangular to angular chalk and flint. (SEAFORD CHALK FORMATION).		0.10 0.50	ES	Results	0.20 0.30	22.80		Yellowish bro SAND. Grave medium of ch Chalk recove brown slightly Dm). Gravel	own slight el is subro halk and f ered as (L y clayey o is subano	ly gravelly ounded to lint. oose to m	y clayey f subangu	fine to coarse ular fine to ense) yellowish	
FORMATION).	0.50 ES					22.20		Chalk recove slightly clayer GRAVEL of content. Sand	ered as (L ey sandy s chalk and id is fine to	oose to medium	ngular fine ORMATIO nedium do ar to angu de Dc) wi n. Cobbles	e to medium chall ON). ense) white ular fine to coarse ith medium cobble s are subangular	
Base of Excavation at 2.50m					2.50	20.50		to angular ch FORMATION	alk and fl	int. (SEAI	FORD CF	HALK	
					2.30	20.50			Base of	Excavat	ion at 2.	.50m	
Trench Support and Comment Pumping Data													

General Remarks



TRIAL PIT REFERENCE

$\overset{}{\sim}$	ar	mstr	ONS				ırıa	I PIT	Log					Sheet 1 of 1	
roje		Cross R				Client: 0	Gladman D	evelopm	ents Ltd		Date: 09/	/01/202	4	Officer 1 of 1	
ocat	ion: Cros	s Road,	Deal, k	(ent		Contrac	tor: Geotro	n UK Ltd			Co-ords:	E63607	76.89 N	N150473.07	
roje	ct No. : G	M12741				Excava	tor: Ovende	en KX-08	0-31		Dimension	ons :		Final Depth: 2.6	0m
	Logged FL	Ву	C	heck	ed By H	Ap	proved By GC		Leve 18.00m			2.00m	1.00m	Orientatio	n
Backfill	Water Strikes	Sar Depth (nd In	Situ Testi Resu		Depth (m)	Level (m)	Legend		Stra	atum De	scription	on	Scale
		0.10 0.50		ES ES			0.30	17.70 17.30 17.10		(Loose) Y coarse Sy subangular Chalk recobrown slique Department of the Chalk recolayey sa GRAVEL medium.	fellowish brown br	own slight! I is fine to I is fine to I flint. Loose to r GRALK F Loose to r fine to coad I flint (Gra	y gravell medium on nedium on subangu ORMATI medum d arse suba de Dc). S lar to ano	lense) white slightly angular to angular Sand is fine to gular chalk and	2-
	t Stability	Shoring	g Used	I	Trench Supp	ort and Comme	ent Remarks	s			Date	Rate	Pump	oing Data Remarks	
	Stable														

General Remarks



TRIAL PIT REFERENCE

TP29 Sheet 1 of 1

Project Name: Cross Road, Deal	Client: Gladman Developments Ltd	Date: 09/01/2024
Location: Cross Road, Deal, Kent	Contractor: Geotron UK Ltd	Co-ords: E636122.31 N150475.21
Project No. : GM12741	Excavator: Ovenden KX-080-32	Dimensions : Final Depth: 2.50m

Logged By Checked By Approved By Level GC 18.00m AoD 2.00m Third Depth. 2.30m

GH			FL	
I In Situ Testin			Water	ackfill
I In Situ Testin	mple and	0.20 0.50		Backfill
		ES	0.20 ES 0.50 ES	0.20 ES 0.50 ES

General Remarks



TRIAL PIT REFERENCE **TP30**

Sheet 1 of 1 Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 09/01/2024 Co-ords: E635991.39 N150431.39 Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Dimensions: Excavator: Ovenden KX-080-33 Final Depth: 2.40m Project No.: GM12741 .00m Approved By Level Logged By Checked By Orientation FL GH GC 19.00m AoD 2.00m 40° Scale Sample and In Situ Testing Water Depth Level Stratum Description Legend (m) Strikes (m) Depth (m) Results Туре Dark brown slightly sandy CLAY. Sand is fine to medium. (TOPSOIL) 0.10 ES 0.30 18.70 Yellowish brown slightly gravelly clayey fine to coarse SAND. Gravel is subrounded to subangular fine to medium of chalk and flint. 0.40 18.60 0.50 ES Chalk recovered as (Loose to medium dense) yellowish brown slightly clayey gravelly fine to coarse SAND (Grade Dm). Gravel is subangular to angular fine to medium chalk and flint. (SEAFORD CHALK FORMATION). 0.60 В 0.60 18.40 Chalk recovered as (Loose to medium dense) white slightly clayey sandy subangular to angular fine to coarse GRAVEL of chalk and flint (Grade Dc) with medium cobble content. Sand is fine to medium. Cobbles are subangular to angular chalk and flint. (SEAFORD CHALK FORMATION). 1.50 2 2.40 16.60 Base of Excavation at 2.40m 3 Trench Support and Comment Pumping Data Pit Stability Shoring Used Date Rate

General Remarks



TRIAL PIT REFERENCE **TP32**

	اله	111311	Olig						•					Sheet 1 of 1	
rojec	t Name	: Cross R	load, De	eal		Client: 0	Gladman D	evelopn	nents Ltd		Date: 09/	01/2024			
.ocatio	on: Cros	ss Road,	Deal, Ke	ent		Contrac	tor: Geotro	on UK Lt	d		Co-ords:	E63607	6.09	N150424.44	
rojec	t No. : 0	SM12741				Excava	tor: Ovend	en KX-0	80-34		Dimension	ns :	¬ E	Final Depth: 2.50)m
l	ogged FL	Ву	Cl	heck Gl	ed By H	Ар	proved By GC		Leve 18.00m			2.00m	1.00m	Orientation 310°	1
ΚĘ	Water	Saı	mple an		Situ Testii	ng	Depth	Level		TOB TOB	•			'	a a e
Backfill	Strikes	Depth ((m) Ty	ре	Resul	ts	(m)	(m)	Legend			atum De			Scale
		0.20		ES ES			0.20	17.80 17.50		Yellowish SAND. Comedium Chalk rebrown sl. Dm). Gra	n brown sligh Gravel is subj of chalk and covered as (ightly clayey	tly gravelly ounded to flint. Loose to n gravelly fin gular to ar	y claye suban nedium ne to congular f	dense) yellowish parse SAND (Grade fine to medium chalk	
		1.50	E	SSS .			2.50	17.10		Chalk re slightly c GRAVEL content.	covered as (layey sandy , of chalk and Sand is fine ar chalk and FION).	Loose to m subangula I flint (Grad to medium	nedium ir to ani de Dc) i. Cobb	dense) white gular fine to coarse with medium cobble des are subangular CHALK	2-
					Trench Supp	ort and Comme	ent						Pum	nping Data	_
	Stability	Shorin	g Used				Remark	s			Date	Rate		Remarks	
S	able														

General Remarks



TRIAL PIT REFERENCE **TP33**

	ال	111311	Ong											Sheet 1 of 1	
rojec	t Name	: Cross R	oad, De	eal		Client: 0	Gladman D	evelopm	ents Ltd		Date: 09	01/2024	ļ.		
.ocati	on: Cros	ss Road,	Deal, Ke	ent		Contrac	tor: Geotro	n UK Ltd			Co-ords:	E63612	1.51	N150426.05	
rojec	t No. : C	GM12741				Excavat	tor: Ovende	en KX-08	0-35		Dimension	ons :	¬ E	Final Depth: 2.10)m
	Logged FL	Ву	Cl	hecke GF	ed By	Ар	proved By GC		Leve 19.00m			2.00m	1.00m	Orientation 310°	l
■		Saı	mple an			ng		Level						•	<u>e</u>
Bac	Strikes	Depth (ре	Resul		(m)	(m)	Legend						Scs
Backfill	Water		m) Ty	d In	Situ Testir		Depth	Level (m) 18.80 18.40 18.20	Legend Legend	Dark brov (TOPSOII) Yellowish SAND. G medium of Chalk rec brown slig Dm). Gra and flint. Chalk rec slightly cl: GRAVEL	strawn slightly s L) brown slightravel is sub of chalk and overed as (ghtly clayey vel is suban (SEAFORD overed as (ayey sandy of chalk and r chalk and ION).	atum De andy CLAN atty gravelly rounded to flint. Loose to n gravelly fin gular to ar CHALK Fi Loose to n subangulad d flint (Grav to medium)	/ Sand y clayey subang medium he to co gular fi DRAMAT DREGIUM FORD (COBb)	dense) yellowish arse SAND (Grade ne to medium chalk illoN). dense) white gular fine to coarse with medium cobble es are subangular CHALK	2-3-3-4-
					Trench Suppx	ort and Comme	ent				T		Pum	ping Data	-
	Stability	Shorin	g Used				Remarks	i			Date	Rate		Remarks	

General Remarks



TRIAL PIT REFERENCE

Pumping Data

Date

Rate

\approx	ar	mst		ll Ig				Tria	l Pit	Log				TP35 Sheet 1 of 1	
Proje	ct Name	: Cross F	Road,	Deal		Cli	ent: 0	Gladman D	evelopm	ents Ltd		Date: 09/01/202	24		
ocat	ion: Cros	ss Road,	Deal	, Kent		Со	ntrac	tor: Geotro	n UK Ltd			Co-ords: E6360	75.82	N150374.74	
Proje	ct No. : 0	3M1274	1			Ex	cavat	tor: Ovende	en KX-08	0-36		Dimensions :	— E	Final Depth: 2.30)m
	Logged	Ву			ked By		Ар	proved By		Leve		-	1.00m	Orientation	1
	FL		<u> </u>		SH =			GC		18.00m A	AoD	2.00m		120°	0
Backfill	Water Strikes	Depth		Type	n Situ Te	esting		Depth (m)	Level (m)	Legend		Stratum D	escript	ion	Scale
		0.10		ES		Sound		0.20	17.80		(TOPSO	•			-
		0.50)	ES				0.20	17.40		SAND. G medium	n brown slightly grave Gravel is subrounded of chalk and flint.	to suban	gular fine to	-
								0.80	17.40		brown sli Dm). Gra	covered as (Loose to ightly clayey gravelly avel is subangular to a (SEAFORD CHALK	fine to co angular fi FORMAT	parse SAND (Grade ine to medium chalk FION).	-
											Chalk results of the slightly content.	covered as (Loose to clayey sandy subangu of chalk and flint (Gr Sand is fine to mediu ar chalk and flint. (SE.	medium lar to and ade Dc) m. Cobb	dense) white gular fine to coarse with medium cobble les are subangular	1- 1- - - -
		2.00 ES						2.30	15.70			Base of Excav	ation at	2.30m	2 - 2 -
															-
													-		
												- - 4-			
															-
														-	

Trench Support and Comment

SERVICES: Location service cleared using a GPR Survey prior to excavation. TESTING: No in-situ testing undertaken. Strength determined using hand-methods. BACKFILL: Trial pit backfilled with arisings. GROUNDWATER: No groundwater encountered.

Remarks

Shoring Used

Pit Stability Stable

General Remarks



TRIAL PIT REFERENCE

Pumping Data

Date

Rate

\approx	ar	msti		ll Ig			Tria	l Pit	Log							P36 et 1 of 1		
Projec	ct Name:	: Cross F	Road,	Deal		Client: 0	Gladman D	evelopm	ents Ltd		Date	e: 10	/01/20	24	01101	J. 1 G. 1		
ocat	ion: Cros	ss Road,	Deal	, Kent		Contrac	ctor: Geotro	n UK Ltd			Co-	ords	: E636	119.11	N15037	74.21		
Projec	ct No. : 0	SM12741				Excava	tor: Ovende	en KX-08	0-37		Dim	ensi	ons :	E	Final	Depth: 3	.00m	
	Logged	Ву			ked By	Ap	proved By		Leve					1.00m		Orientati	on	
=		80	mple					11	18.00m /	AoD			2.00m			120°	T 4	
Backf	Strikes						Depth (m)	(m)	Legend			Str	atum [Descript	ion		S	2
Backfill	FL Water		(m)	C	Resu	ng	GC Depth	Level (m) 17.70 17.50 17.20	18.00m /	Park bro (TOPSO) Yellowish SAND. Genedium Chalk recand flint. n brow Gravel of cha covere ightly avel is (SEA covere layey a of ch Sand ar cha ITION).	Str ghtly s	httly grav prounded if flint. (Loose tr gravelly gular to CHALK (Loose tr subang d flint (G to medi flint. (SI	elly clayed to subanto medium of fine to co angular for FORMA' to medium ular to an irade Dc)	y fine to orgular fine dense) y parse SA fine to me TION). dense) y dense) y dense) v dense) v dense) v dense) v dense v dense vith med les are si CHALK	120° medium. coarse to rellowish ND (Grade			
																		4

General Remarks

Pit Stability Stable

SERVICES: Location service cleared using a GPR Survey prior to excavation. TESTING: No in-situ testing undertaken. Strength determined using hand-methods. BACKFILL: Trial pit backfilled with arisings. GROUNDWATER: No groundwater encountered.

Remarks

Trench Support and Comment

Shoring Used



TRIAL PIT REFERENCE **TPA**

	اله	111201	OH	3										Sheet 1 of 1		
Projec	t Name	Cross R	Road, D	eal			Client:	Gladman D	evelopm	ents Ltd		Date: 11/	/01/2024	1		
ocati	on: Cros	ss Road,	Deal, I	Kent			Contrac	ctor: Geotro	n UK Ltd	1		Co-ords:	E63598	30.54	N150542.33	
Projec	t No. : C	SM12741					Excava	tor: Ovende	en KX-08	0-4		Dimension	ons :	¬ E	Final Depth: 1.0	0m
	Logged	Ву			ked B	у	Ap	proved By		Leve				1.00m	Orientation	n
_	FL				H	 .		GC		19.00m	AoD I	2	2.00m		10°	
Backfill	Water Strikes	Depth	mple a	ype		Resul		Depth (m)	Level (m)	Legend		Stra	atum De	script	ion	Scale
		Берин	(111) 1	урс		rtesui	1.5						andy CLA	Y. Sand	I is fine to medium.	"
								0.20	18.80		(TOPSOI	•	the gravall	alaya	y fine to coarse	
								0.30	18.70		SAND. G		rounded to		gular fine to	
										<u> </u>	Chalk rec	covered as (Loose to r		dense) yellowish parse SAND (Grade	′ -
										 	Dm). Gra	vel is suban (SEAFORD	igular to ai	ngular f	ine to medium chalk	-
								0.70	18.30	 	Chalk red	covered as (Loose to r	nedium	dense) white	-
										, 	GRAVEL	of chalk and	d flint (Gra	de Dc)	gular fine to coarse with medium cobble	
								1.00	18.00	, '' '' '' '' ''	to angula	r chalk and			les are subangular CHALK	1-
											FORMAT	Base o	f Excava	tion at	1.00m	-
																-
																-
																-
																-
																2 -
																-
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	Stability	Shorir	ng Used		Tr	ench Supp	ort and Comm	ent Remarks	3			Date	Rate	Pum	nping Data Remarks	
	Stable															
2000	ral Dan												1	1		

General Remarks

Test pit excavated to obtain bedrock depth adjacent to potential dissolution feature. SERVICES: Location service cleared using a GPR Survey prior to excavation. TESTING: No in-situ testing undertaken. Strength determined using hand-methods. BACKFILL: Trial pit backfilled with arisings. GROUNDWATER: No groundwater encountered.



TRIAL PIT REFERENCE **TPB**

	اله	HISU	OH	8						•					Sheet 1 of 1	
Projec	t Name	: Cross R	Road,	Deal			Client:	Gladman D	evelopm	ents Ltd		Date: 1	1/01/202	24		
ocati	on: Cros	ss Road,	Deal,	Kent			Contrac	ctor: Geotro	n UK Ltd	d		Co-ords	s: E6359	64.11	N150519.61	
Projec	t No. : C	SM12741					Excava	tor: Ovende	en KX-08	30-4		Dimens	ions :	E	Final Depth: 1.	00m
	Logged FL	Ву		Checl	ked By SH	у	Ap	proved By GC		Leve 19.00m			2.00m	1.00m	Orientation 240°	on
≣	Water	Sai	mple			Testi	na	Depth	Level		AOD				1	<u>o</u>
Backfill	Strikes	Depth (Туре		Resul		(m)	(m)	Legend		St	ratum D	escript	ion	Scale
											Dark brov (TOPSOI		sandy CL	AY. Sand	I is fine to medium.	-
								0.20	18.80	**************************************	SAND. G	brown slig ravel is su of chalk an	brounded	lly claye to suban	y fine to coarse gular fine to	-
								0.50	18.50		Chalk red	overed as	(Loose to	medium	dense) yellowish	_
											brown slig Dm). Gra	ghtly claye vel is suba	y gravelly	fine to co angular f	parse SAND (Grade ine to medium chalk	-
								0.80	18.20	 					dense) white gular fine to coarse	1 :
								1.00	18.00	<u> </u>	GRAVEL content.	of chalk a Sand is fin r chalk an	nd flint (Gr	ade Dc) m. Cobb	with medium cobble les are subangular	1-
											TORWAI	Base	of Excav	ation at	1.00m] :
																-
																-
																-
																2-
																-
																-
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																4 -
																-
																-
																_
																-
																-
					Tr	ench Supp	ort and Comme	ent						Pun	nping Data	
	Stability Stable	Shorin	ng Used					Remarks	3			Date	Rate		Remarks	
Gene	ral Ren	narke												<u> </u>		

Test pit excavated to obtain bedrock depth adjacent to potential dissolution feature. SERVICES: Location service cleared using a GPR Survey prior to excavation. TESTING: No in-situ testing undertaken. Strength determined using hand-methods. BACKFILL: Trial pit backfilled with arisings. GROUNDWATER: No groundwater encountered.



TRIAL PIT REFERENCE **TPC**

	1111201	OH	8												She	et 1 of	f 1		
Project Nam	e: Cross R	load, [Deal		Client: (Gladman D	evelc	pme	ents Ltd		Date	e: 11/0)1/2024	4					
ocation: Cr	oss Road,	Deal,	Kent		Contrac	tor: Geotro	n UK	Ltd			Co-c	ords: l	E63598	87.41 I	N1505	18.27]
Project No. :						tor: Ovende	en K>	(-080	0-4		Dime	ensio	ns:	_ E	Final	Depth:		m	
Logge FL				ked By SH	Ар	proved By GC			Level 19.00m <i>A</i>			2	.00m	1.00m		Orient			
		mple a		n Situ Testir	ng	Depth	Lev	/el		10D						310		<u>e</u>	1
Strike			Туре	Resul	_	(m)	(m		Legend									Sca	
	_				_			1) 80 60 40	Legend	Dark brov (TOPSOI Yellowish SAND. G medium of Chalk rec brown slip Dm). Gra and flint. Chalk rec slightly of GRAVEL content. S to angula FORMAT	brown bravel in covere ghtly covere (SEAF covere ayey sof char Sand in trichall	n slight s subro k and f d as (L layey o subano FORD (d as (L sandy s alk and s fine to k and fi	ly gravel ounded to lint. oose to r gravelly fi gular to a CHALK F oose to r subangul flint (Gra o mediur	Y. Sand ly clayey o subany medium ine to congular fiformat medium ar to any ade Do) y m. Cobbl (FORD (is fine to gular fine to gular fine to me to me TON). dense) yoular fine with me cles are s CHALK	coarse e to yellowish ND (Gra edium ch white e to coars	n nde nalk se oble	9 cs 98	
																			-
				Trench Suppo	ort and Comme	ent					_			Piim	ping Data			-	=
Pit Stability Stable	Shorin	g Used		зы оцирс		Remarks	i				-	Date	Rate	. uill	, ₉ Sata	Remarks			1
Ciablo																			
General Re	marke																		1
יסווסומו תל	, mai No																		1

Test pit excavated to obtain bedrock depth adjacent to potential dissolution feature. SERVICES: Location service cleared using a GPR Survey prior to excavation. TESTING: No in-situ testing undertaken. Strength determined using hand-methods. BACKFILL: Trial pit backfilled with arisings. GROUNDWATER: No groundwater encountered.



BOREHOLE REFERENCE

WS01

Sheet 1 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 11/01/2024 Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636110.56 N150825.77

Project No. : 0	GM12741		D	rilling Equi	pment: V	VS Rig			Level :	32.00m A	.oD			
Logge F	ed By		Checked By GH		Арр	roved B GC	у	SP	T Energy %	Ratio		Fir	nal Depth 5.00	
`≣ Water	Sample	and li	n Situ Testing			Level	Legend			tratum De	scription	on.	3.00	Scale
Strikes	Depth (m)	Туре	Results	(m)	(m)		Dark br		sandy CLA			medium.	\ \dots
						-		(TOPS)	OIL)					
				С	.30	31.70		Chalk r	ecovered as	s (Loose to n	nedium d	lense) v	vhite	4
						<u> </u>	<u>' </u>	slightly GRAVE	clayey sand L of chalk a	dy subanguland flint (Gra	ar to ang de Dc) w	jular fine ith med	to coarse ium cobble	
						<u>'</u>	 	content to angu	. Sand is fin lar chalk an	e to medium d flint. (MAR	i. Cobble RGATE C	es are su HALK N	ubangular ИЕМВЕR).	
						ı								
						1	 							
	1.00 – 1.45 1.00	D SPT(S)	N=15 (2,2/2,4,	4,5)		<u> </u>	<u>' </u>							
						<u>'</u>	 							
						ı	'' '' ''							
						ı								
						1	<u>' </u>							
						<u>'</u>	<u> </u>							
	2.00 – 2.45	D				1	 							
	2.00	SPT(S)	N=18 (1,4/4,4,	5,5)		ı								
						1	 							
						<u>!</u>	<u>' </u>							
						<u>'</u>	 							
						1	 							
	3.00 – 3.45 3.00	D SPT(S)	N=10 (3,3/3,2,	2 2)		<u> </u>	<u>' </u>							
	3.00	3F1(3)	14-10 (3,3/3,2,	2,3)		<u>'</u>	 							
						1								
						1	 							
						<u> </u>	<u>' </u>							
						<u>'</u>	 							
						1								
	4.00 – 4.45 4.00	D SPT(S)	N=13 (2,2/2,3,4	4,4)		1	 							
						<u> </u>	<u> </u>							
						<u> '</u>								
						ı	 							
						1								
						1	<u> </u>							
Hole Diameter Depth Base Dia	Casing Depth Base	Diameter Diame	ter Depth Top	Chisellin	g Duration	Tool	Тор	Inclination	and Orientation	Orientation	Тор	li Base	nstallation Pipe Type	Diam
1.00m 87 2.00m 78	7mm 8mm	, Diame	Dehit Joh	Борин ваме	Duration	1001	ΙΟΡ	Dase	momadun	Onemation	0.00m 1.00m	1.00m 5.00m	PLAIN SLOTTED	Diain
4.00m 67	8mm 7mm 7mm													

Remarks

SERVICES: Location service cleared using a GPR Survey prior to excavation. TESTING: In-situ SPT testing undertaken. BACKFILL: Borehole installed with standpipe with gravel and bentonite backfill. GROUNDWATER: No groundwater encountered.



BOREHOLE REFERENCE

WS01

Sheet 2 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 11/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636110.56 N150825.77

ocation: Cro	ss Road, Dea	i, Kent	Cont	ractor: (Geotror	1 UK Lta			Co-oras	S: E03011	U.56 IN	115082	25.77	
Project No. : (GM12741		Drilli	ng Equi	pment:	WS Rig			Level :	32.00m A	oD			
	ed By :L	Che	ecked By GH		Ар	proved E GC	Зу	SP	T Energy %	Ratio		Fir	nal Depth 5.00	
Water Strikes		and In Site	u Testing		epth	Level	Legend		St	ratum De	scriptio	วท		Scale
불 없 Strikes	Depth (m) 5.00 – 5.45 5.00	Type D SPT(S) N=	Results =18 (4,5/3,5,5,5)	5	m)	(m) 27.00		slightly of GRAVE content.	ecovered as clayey sand L of chalk a . Sand is fin lar chalk an	(Loose to many subangular of flint (Grade to medium of flint. (MAR) of Boreho	nedium o ar to ang de Dc) w i. Cobble GATE C	dense) w gular fine vith med es are su HALK N	e to coarse ium cobble ubangular	5
														6
														7
														1
Hole Diameter	Casing	Diameter		Chiselling	9			Inclination a	and Orientation			lr	nstallation	
Depth Base Dia	ameter Depth Base		Depth Top De	epth Base	Duration	Tool	Тор	Base	Inclination	Orientation	Тор	Base	Pipe Type	Diamete
2.00m 78 3.00m 78 4.00m 6	7mm 8mm 8mm 7mm 7mm										0.00m 1.00m	1.00m 5.00m	PLAIN SLOTTED	

Remarks



BOREHOLE REFERENCE

WS02

Sheet 1 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 11/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636087.58 N150721.03

roject No.	: GM12741		Deill	ing Equipmen	. MC Dia	•		Level : 29.0	10m 4aD			
	ged By		Checked By		pproved		SP	T Energy Ra		Fir	nal Depth	
	FL Sample	and li	GH n Situ Testing	Depth	GC Level			%			5.00	
Water Strike		Туре	Results	(m)	(m)	Legend			ım Descrip			
				0.30	28.70		(TOPSC	h brown slightly	gravelly clay	vey fine to o	coarse	
				0.40	28.60		\ medium Chalk re	Gravel is subrout of chalk and flirecovered as (Loc	nt. ose to mediu	m dense) v	vhite	1
							GRAVEI content.	clayey sandy su L of chalk and fli Sand is fine to ar chalk and flin	int (Grade Do medium. Col	c) with med obles are s	lium cobble ubangular	
	1.00 – 1.45 1.00	D SPT(S)	N=9 (1,2/1,2,3,3)									
	2.00 – 2.45 2.00	D SPT(S)	N=14 (1,2/3,3,4,4)								
	3.00 – 3.45	D										
	3.00	SPT(S)	N=14 (2,3/2,3,4,5)								
* .												
	4.00 – 4.45 4.00	D SPT(S)	N=17 (3,4/4,4,5,4)								
	le Diameter Casing Diameter											
Hole Diamete epth Base [1.00m	er Casing Diameter Depth Base 87mm		eter Depth Top [Chiselling Depth Base Durati	on Tool	Тор	Inclination a	and Orientation Inclination Orientation	entation Top	Base	Pipe Type PLAIN	Dia

Remarks



BOREHOLE REFERENCE

WS02

Sheet 2 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 11/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636087.58 N150721.03

ocation: Cross Road, Deal,	Kent	Contractor:	Geotron Ul	K Ltd			Co-ords	s: E63608	7.58 N1	150721	.03	
roject No. : GM12741		Drilling Equ	ipment: WS	Rig			Level : :	29.00m A	oD			
Logged By FL	Checked B GH	Ву		ved By		SP1	ΓEnergy %	Ratio			Depth .00	
Water Sample	and In Situ Testir		epth Le	wol	egend			ratum De	scription			000
5.00 – 5.45	Type Result D SPT(S) N=21 (2,5/5	.5		1.00	1 1	slightly c GRAVEL content.	layey sand of chalk a Sand is find ar chalk and	(Loose to my subanguland flint (Grace to medium d flint, (MAR of Borehold	ar to angu de Dc) wit . Cobbles GATE CH	llar fine to th mediun are suba IALK MEI	coarse n cobble angular	
Hole Diameter Casing Dia		Chisellin	·				nd Orientation				llation	
Depth Base Diameter Depth Base 1.00m 87mm 2.00m 78mm 3.00m 78mm 4.00m 67mm 5.00m 67mm	Diameter Depth Top	Depth Base	Duration	Tool	Тор	Base	Inclination	Orientation	0.00m	1.00m	Pipe Type PLAIN SLOTTED	Diame

Remarks



BOREHOLE REFERENCE

WS03

Sheet 1 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 11/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636065.67 N150629.65

Proje	ct No. : 0	GM12741			Drilling E	quipment	: WS Rig			Level :	27.00m A	юD			
	Logge F			Checked B GH	у	A	oproved I GC	Ву	SP	T Energy %	/ Ratio		Fir	nal Depth 5.00	
Install. / Backfill	Water		and Ir	n Situ Testin	g	Depth	Level	Legend			tratum De	scrinti	on	0.00	Scale
Inst	Strikes	Depth (m)	Туре	Result	S	(m)	(m)	Logona	Dork bro		sandy CLA			modium	တိ
						0.30	26.70	*******	Yellowis SAND. (DIL)	ghtly gravell	y clayey	fine to o	coarse	-
						0.60	26.40		brown s Dm). Gr	lightly claye avel is sub	s (Loose to ney gravelly fi angular to an CD CHALK F	ne to co	arse SA ne to me	ND (Grade	
		1.00 – 1.45 1.00	D SPT(S)	N=6 (1,1/1,	2,1,2)	1.00	26.00		slightly of GRAVEI content.	clayey sand L of chalk a Sand is fin ar chalk an	s (Loose to n dy subangula nud flint (Gra le to medium d flint. (SEA	ar to ang de Dc) v n. Cobble	ular fine vith med es are s	to coarse	1-
		2.00 – 2.45 2.00	D SPT(S)	N=18 (3,3/4,	4,5,5)										2-
	}	3.00 – 3.45 3.00	D SPT(S)	N=16 (3,2/4,	4,4,4)										3-
		4.00 – 4.45 4.00	D SPT(S)	N=17 (4,3/4,											4-
Depth		meter Depth Base	Diameter Diame	ter Depth Top	Chis Depth Bas	selling e Duratio	n Tool	Тор	Inclination a	and Orientation Inclination	Orientation	Тор	Base	nstallation Pipe Type	Diameter
1.0i 2.0i 3.0i 4.0i 5.0i	0m 78 0m 78 0m 67	7mm Bmm Bmm 7mm 7mm										0.00m 1.00m	1.00m 5.00m	PLAIN SLOTTED	

Remarks



Project No.: GM12741

Windowless Sample Borehole Log

BOREHOLE REFERENCE

WS03

Level: 27.00m AoD

Sheet 2 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 11/01/2024 Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636065.67 N150629.65

Checked By SPT Energy Ratio Final Depth Logged By Approved By

Drilling Equipment: WS Rig

Market Service Servi		F			GH GH		Д	GC GC	'y	O.	%	ratio			5.00	
SPI(S) SPI(S) N=15 (2.3(3.4.4.4) SPI(S) SPI(S) N=15 (2.3(3.4.4.4) SPI(S) N=15 (2.3(3.4.4.4) SPI(S) SPI(S) SPI(S) N=15 (2.3(3.4.4.4) SPI(S) SPI(and In			onth	Lovel							0.00	<u>o</u>
SPI(S) SPI(S) N=15 (2.3(3.4.4.4) SPI(S) SPI(S) N=15 (2.3(3.4.4.4) SPI(S) N=15 (2.3(3.4.4.4) SPI(S) SPI(S) SPI(S) N=15 (2.3(3.4.4.4) SPI(S) SPI(nstal Back	Strikes					m)	(m)	Legend		St	ratum De	scription	on		Sca
Policy Diameter Casing Diameter Cheelling Inclination and Orientation Installation I						5				slightly GRAVE content to angu	clayey sand EL of chalk a t. Sand is fin ular chalk an ATION).	ly subangula nd flint (Grad e to medium d flint. (SEAI	ir to ang de Dc) w i. Cobble FORD C	ular fine vith med es are s HALK	white to coarse lium cobble ubangular	
Hole Diameter Casing Diameter Chiselling Inclination and Orientation Top Base Pipe Type Diameter Depth Top Depth Base Duration Tool Top Base Inclination Orientation Top Base Pipe Type Diameter 1.00m 87mm																7-
Hole Diameter																8 – 8 –
Depth Base Diameter Depth Base Diameter Depth Base Diameter Depth Top Depth Base Duration Tool Top Base Inclination Orientation Top Base Pipe Type Diameter 1.00m 87mm 0.00m 1.00m PLAIN																9-
Depth Base Diameter Depth Base Diameter Depth Base Diameter Depth Top Depth Base Duration Tool Top Base Inclination Orientation Top Base Pipe Type Diameter 1.00m 87mm 0.00m 1.00m PLAIN																
1.00m 87mm 0.00m 1.00m PLAIN	H	Hole Diameter	Casing [Diameter		Chiselling	<u> </u>			Inclination	and Orientation			1	nstallation	
	1.00	Om 87	mm	Diameter	r Depth Top	Depth Base	Duration	Tool	Тор	Base	Inclination	Orientation				Diameter

Remarks



BOREHOLE REFERENCE

WS04

Sheet 1 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 10/01/2024 Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636120.20 N150588.82

Project N	No. : G	M12741			Drilling Eq	uipment:	WS Rig			Level :	26.00m A	.oD			
	Logge FL			Checked B GH	у	Ap	proved I GC	Зу	SP	T Energy %	Ratio		Fir	nal Depth 5.00	
	Vater strikes			Situ Testin	_	Depth (m)	Level (m)	Legend		St	ratum De	scription	on		Scale
<u> </u>		Depth (m)	Туре	Result	S	0.30	25.70 25.50	**************************************	Yellowis SAND. (h brown sli Gravel is su of chalk ar	ghtly gravellibrounded to	y clayey subang	fine to o	coarse e to	
		1.00 – 1.45	D			1.00	25.00		brown s Dm). Gr and flint	lightly claye avel is suba . (SEAFOR	s (Loose to n ey gravelly fi angular to ar D CHALK F	ne to coangular fir ORMAT	arse SA ne to me ION).	ND (Grade edium chalk	- - - 1-
		1.00	SPT(S)	N=6 (1,1/1,2	2,1,2)	1.00	23.00		slightly of GRAVE content.	clayey sand L of chalk a Sand is fin	s (Loose to n ly subangul nd flint (Gra e to medium d flint. (MAR	ar to ano de Dc) พ า. Cobble	gular fine vith med es are s	e to coarse lium cobble ubangular	
		2.00 – 2.45 2.00	D SPT(S)	N=14 (2,4/3,	4,4,3)										2-
		3.00 – 3.45 3.00	D SPT(S)	N=21 (5,6/5,	6,5,5)										3-
		4.00 – 4.45 4.00	D SPT(S)	N=25 (4,5/4,	7,7,7)										4-
Hole [Diameter	Casino	Diameter		Chise	elling			Inclination a	and Orientation				nstallation	-
Depth Base	e Diam	neter Depth Base		ter Depth Top	Depth Base	<u> </u>	Tool	Тор	Base	Inclination	Orientation	Top	Base	Pipe Type	Diameter
1.00m 2.00m 3.00m 4.00m 5.00m	87n 78n 78n 67n 67n	nm nm nm										0.00m 1.00m	1.00m 5.00m	PLAIN SLOTTED	

Remarks



BOREHOLE REFERENCE

WS04

Sheet 2 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 10/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636120.20 N150588.82

ocation: Cro	ss Road, Dea	l, Kent	C	ontractor:	Geotror	n UK Ltd			Co-ord:	s: E63612	20.20 N	N15058	88.82	
Project No. : (GM12741		D	rilling Equi	pment:	WS Rig			Level :	26.00m A	.oD			
	ed By		Checked By GH		Ар	proved E GC	Зу	SP	T Energy %	/ Ratio		Fir	nal Depth 5.00	
Water Strikes			Situ Testing	,	epth m)	Level (m)	Legend		Si	tratum De	scription	on		Scale
= w	5.00 – 5.45 5.00	Type D SPT(S)	Results N=28 (4,6/6,8,	5	5.00	21.00		slightly GRAVE content	clayey sand L of chalk a t. Sand is fin llar chalk an	s (Loose to n dy subangul and flint (Gra le to medium di flint. (MAR I of Boreho	ar to and de Dc) w n. Cobble RGATE C	gular fine vith med es are si CHALK N	e to coarse lium cobble ubangular	
Hole Diameter	Casing	Diameter		Chisellin	g			Inclination	and Orientation			li .	nstallation	
	ameter Depth Base	Diamete	er Depth Top	Depth Base	Duration	Tool	Тор	Base	Inclination	Orientation	Top	Base 1.00m	Pipe Type PLAIN	Diame
2.00m 7 3.00m 7 4.00m 6	37mm 78mm 78mm 57mm 57mm										0.00m 1.00m	1.00m 5.00m	SLOTTED	

Remarks



BOREHOLE REFERENCE

WS05

Sheet 1 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 11/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636027.86 N150749.35

		2011000, 200	,									- D		
	No. : G Logge	6M12741	T	Checked E	Drilling Eq		WS Rig		6D.	Level : 1 T Energy	28.00m A		inal Depth	
	FI			GH	'y		GC GC			" Energy	.\aliU		5.00	
	Vater trikes	Sample Depth (m)	and I	n Situ Testir Resul	_	Depth (m)	Level (m)	Legend		St	ratum De	scription		Scolo
		,				0.30	27.70		Chalk re slightly of GRAVEL content.	ecovered as clayey sand L of chalk a Sand is fin ar chalk an	(Loose to my subangula nd flint (Grade e to medium	✓. Sand is fine medium dense r to angular fi de Dc) with m . Cobbles are FORD CHALF ORD ORD ORD ORD ORD ORD ORD OR) white ne to coarse edium cobble subangular	
		1.00 – 1.45 1.00	D SPT(S)	N=9 (1,1/2,	1,3,3)									
		2.00 – 2.45 2.00	D SPT(S)	N=18 (4,4/5	.4,5,4)									
		3.00 – 3.45 3.00	D SPT(S)	N=16 (3,3/4	,4,4,4)									
		4.00 – 4.45 4.00	D SPT(S)	N=14 (4,4/4	.4,3,3)									
Hole I	Diameter e Diar	Casing meter Depth Base	Diameter	eter Depth Top	Chise Depth Base		n Tool	Тор	Inclination a	and Orientation	Orientation	Top Base	Installation Pipe Type	Dian
1.00m 2.00m 3.00m 4.00m 5.00m	87 78 78 67	mm Jepin Base	DIAITE	Бериг гор	Бериг base	Duration	1001	тор	Dase	moundtion	Onentation	0.00m 1.00m 1.00m 5.00m	n PLAIN	DIAIT

Remarks



BOREHOLE REFERENCE

WS05

Sheet 2 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 11/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636027.86 N150749.35

		,												
roject No. : GN				rilling Equi						28.00m A	oD			
Logged FL	l By	(Checked By GH		Ap	proved E GC	Ву	SP.	T Energy %	Ratio			al Depth 5.00	
Water Strikes	Sample Depth (m)	and In S	Situ Testing Results		epth m)	Level (m)	Legend		St	ratum De	scriptio	n		-
	5.00 – 5.45	D SPT(S)	N=17 (2,3/4,5,4	54,4)	5.00	23.00	<u> </u>	slightly of GRAVE content.	clayey sand L of chalk a . Sand is fin lar chalk an (TION).	(Loose to many subangular of flint (Grace to medium of flint (SEA) of Borehol	r to angu de Dc) wi . Cobbles FORD Ch	lar fine t th medius are sul HALK	o coarse um cobble	
Hole Diameter	Hole Diameter Casing Diameter							Inclination	and Orientation			ļņs	stallation	
epth Base Diamet	ter Depth Base	Diameter	Depth Top	Chiselling Depth Base	Duration	n Tool	Тор	Base	Inclination	Orientation	Тор	Base	Pipe Type	Diam
1.00m 87mm 2.00m 78mm 3.00m 78mm 4.00m 67mm 5.00m 67mm	n n										0.00m 1.00m	1.00m 5.00m	PLAIN SLOTTED	

Remarks



BOREHOLE REFERENCE

WS06

Sheet 1 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 10/01/2024 Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E635950.91 N150548.95

Project No. : 0	GM12741		D	rilling Equi	ipment: W	VS Rig			Level :	20.00m A	oD			
Logge F	ed By		Checked By GH			roved B GC	y	SP	T Energy %	Ratio		Fir	nal Depth 5.00	
`≣ Water	Sample	and Ir	n Situ Testing		epth L	_evel	Legend			ratum De	scriptio	on.	3.00	Scale
Strikes	Depth (m)	Туре	Results	((m)	(m)		Dark br		sandy CLA	•		medium.	V.
				C	0.20	19.80		Chalk reslightly GRAVE	OIL) ecovered as clayey sance L of chalk a . Sand is fin	s (Loose to n ly subangula nd flint (Grad e to medium d flint. (SEAI	nedium o ar to ango de Dc) w n. Cobble	lense) v ular fine vith med es are si	vhite to coarse ium cobble	
	1.00 – 1.45 1.00	D SPT(S)	N=7 (1,2/1,1,1	2,3)		1								
	2.00 – 2.45 2.00	D SPT(S)	N=20 (1,2/5,5,	.5,5)		1								
	3.00 – 3.45 3.00	D SPT(S)	N=22 (2,3/6,5,	.5,6)		1								
	4.00 – 4.45 4.00	D SPT(S)	N=17 (4,4/5,4,	4,4)										
						1								
	ameter Depth Base	Diameter Diame	ter Depth Top	Chisellin Depth Base	g Duration	Tool	Тор	Inclination Base	and Orientation Inclination	Orientation	Тор	Base	nstallation Pipe Type	Diam
2.00m 78 3.00m 78 4.00m 67	7mm 8mm 8mm 7mm 7mm										0.00m 1.00m	1.00m 5.00m	PLAIN SLOTTED	

Remarks

SERVICES: Location service cleared using a GPR Survey prior to excavation. TESTING: In-situ SPT testing undertaken. BACKFILL: Borehole installed with standpipe with gravel and bentonite backfill. GROUNDWATER: No groundwater encountered.



BOREHOLE REFERENCE

WS06

Sheet 2 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 10/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E635950.91 N150548.95

.ocation: Cro	oss Road, Dea	l, Kent	С	ontractor:	Geotro	n UK Ltd			Co-ord	s: E63595	50.91 N	N1505	48.95	
roject No. :		D	rilling Equi	ipment:	WS Rig			Level :	20.00m A	юD				
		Checked By GH		Ap	proved E GC	Зу	SF	PT Energy %	/ Ratio		Fir	nal Depth 5.00		
∰ Water			Situ Testing		epth (m)	Level (m)	Legend			tratum De	scription	on		Scale
	5.00 – 5.45	D	Results N=25 (3,4/6,6,	5	5.00	15.00		slightly GRAVE content to angu	clayey sand EL of chalk a t. Sand is fir ular chalk an ATION).	s (Loose to r dy subangula and flint (Gra e to mediun ad flint. (SEA	ar to ang de Dc) w n. Cobble FORD C	ular fine vith med es are si CHALK	to coarse	
Hole Diameter	· Casing	Diameter		Chisellin	9			Inclination	and Orientation			lı	nstallation	
	iameter Depth Base	Diamete	er Depth Top	Depth Base	Duration	n Tool	Тор	Base	Inclination	Orientation	Top	Base 1.00m	Pipe Type	Diame
2.00m 7 3.00m 7 4.00m 6	87mm 78mm 78mm 67mm 67mm										0.00m 1.00m	1.00m 5.00m	PLAIN SLOTTED	

Remarks



BOREHOLE REFERENCE

WS07

Sheet 1 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 10/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636049.77 N150500.33

roje		GM12741	1			quipment					21.00m A	.oD			
	Logge F			Checked B GH	У	A	pproved GC	Ву	SP	T Energy %	Ratio		Fir	nal Depth 5.00	
Install. / Backfill	Water	Samp	le and li	n Situ Testir	ıg	Depth	Level	Legeno	1	St	ratum De	scrintio	าท		ol co
Ba	Strikes	Depth (m)	Туре	Result	:s	(m)	(m)	Logonic							Ú
						0.20 0.30	20.80 20.70		Yellowis SAND. medium Chalk rubrown s	OIL) sh brown slig Gravel is su n of chalk ar ecovered as slightly claye ravel is suba	ghtly gravell ibrounded to ad flint. Is (Loose to rey gravelly fi angular to an D CHALK F	y clayey o subang nedium c ne to coangular fir	fine to cular fine dense) y arse SAI ne to me	coarse to rellowish ND (Grade	
		1.00 – 1.45 1.00	D SPT(S)	N=6 (1,1/1,.	2,1,2)	1.00	20.00		slightly GRAVE content	clayey sand L of chalk a . Sand is fin lar chalk an	s (Loose to r ly subangula nd flint (Gra e to mediun d flint. (SEA	ar to ang de Dc) w n. Cobble	ular fine ⁄ith med es are su	to coarse ium cobble	
		2.00 – 2.45 2.00	D SPT(S)	N=19 (2,2/3,	4,6,6)										
		3.00 – 3.45 3.00	D SPT(S)	N=17 (3,3/4	4,5,4)				T						
		4.00 – 4.45 4.00	D SPT(S)	N=12 (1,1/2	3,3,4)										
- h	Hole Diameter	Cas	ng Diameter		Chi	iselling	<u> </u>		Inclination	and Orientation			Ir	nstallation	
Depth 1.00		meter Depth Ba	ase Diame	eter Depth Top	Depth Bas	se Duratio	n Tool	Тор	Base	Inclination	Orientation	Top 0.00m	Base 1.00m	Pipe Type PLAIN	Diam
3.00	0m 78	8mm 8mm 7mm										1.00m	5.00m	SLOTTED	

Remarks



BOREHOLE REFERENCE

WS07

Sheet 2 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 10/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636049.77 N150500.33

Location. C	71033	Noau, Deal	, iterit		onitiacioi.	Geolioi	I OIL LIU			CO-Olus	S. LUJUU4	13.77	113030	JU.JJ	
Project No.	. : GM	112741			rilling Equi	pment:	WS Rig			Level:	21.00m A	.oD			
Lo	gged FL	Ву		Checked By GH		Ар	proved E GC	Зу	SP	T Energy %	Ratio		Fir	nal Depth 5.00	
Packfill Wat Strik		Sample Depth (m)	and In	n Situ Testing Results		epth m)	Level (m)	Legend		St	ratum De	scription	on		Scale
		5 00 – 5 45	D SPT(S)	N=15 (4,4/3,4	5	5.00	16.00		slightly of GRAVEI content.	clayey sand L of chalk a Sand is fin ar chalk an TION).	s (Loose to n dy subangula nd flint (Gra e to medium d flint. (SEA	ar to ang de Dc) w n. Cobble FORD C	ular fine vith med es are su HALK	to coarse ium cobble	5
															6
															7
															8
															ę
												I			
Hole Diam	Diamete		Diameter Diamet	ter Depth Top	Chisellin Depth Base	g Duration	Tool	Тор	Inclination a	and Orientation Inclination	Orientation	Тор	Ir Base	nstallation Pipe Type	Diamete
1.00m 2.00m 3.00m 4.00m 5.00m	87mm 78mm 78mm 67mm 67mm	1 1 1		,	, ====							0.00m 1.00m	1.00m 5.00m	PLAIN SLOTTED	

Remarks



BOREHOLE REFERENCE

WS08

Sheet 1 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 10/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636100.54 N150398.26

Project No. : 0	GM12741		D	rilling Equ	ipment: W	/S Rig			Level :	18.00m A	оD			
Logge F	ed By L		Checked By GH			roved E GC	Зу	SP	T Energy %	Ratio		Fir	nal Depth 5.00	
Water Water Strikes	Sample		Situ Testing		epth L	_evel	Legend			ratum De	scription	on		Scale
Strikes	Depth (m)	Туре	Results	'	(m)	(m)		Dark bro (TOPSC	own slightly	sandy CLA			medium.	
	1.00 – 1.45 1.00	D SPT(S)	N=9 (1,2/2,2,		I	17.60 17.50		SAND. medium Chalk re slightly GRAVE content.	Gravel is su of chalk an ecovered as clayey sand L of chalk a Sand is fin lar chalk an	ghtly gravell; brounded to d flint. (Loose to n y subangula nd flint (Grave to medium d flint. (SEA)	nedium of ar to ango de Dc) w	ular fine lense) w ular fine rith med es are su	vhite	
	2.00 – 2.45 2.00	D SPT(S)	N=16 (3,4/3,3,	4,6)										
	3.00 – 3.45 3.00	D SPT(S)	N=15 (2,3/3,3,	4,5)										
	4.00 – 4.45 4.00	D SPT(S)	N=17 (2,7/5,3,	4,5)										
Hole Diameter		Diameter		Chisellin	Ť				and Orientation	0-1			nstallation	
1.00m 87 2.00m 78	ameter Depth Base 7mm 8mm 8mm	Diame	ter Depth Top	Depth Base	Duration	Tool	Тор	Base	Inclination	Orientation	0.00m 1.00m	1.00m 5.00m	Pipe Type PLAIN SLOTTED	Diame

Remarks

4.00m 5.00m

SERVICES: Location service cleared using a GPR Survey prior to excavation. TESTING: In-situ SPT testing undertaken. BACKFILL: Borehole installed with standpipe with gravel and bentonite backfill. GROUNDWATER: No groundwater encountered.

67mm 67mm



BOREHOLE REFERENCE

WS08

Sheet 2 of 2

Project Name: Cross Road, Deal Client: Gladman Developments Ltd Date: 10/01/2024

Location: Cross Road, Deal, Kent Contractor: Geotron UK Ltd Co-ords: E636100.54 N150398.26

Project I	No. : 0	GM12741		D	rilling Equ	ipment:	WS Rig			Level :	18.00m A	oD			
	Logge			Checked By		Ap	proved E	Ву	SP	T Energy	Ratio		Fir	nal Depth	
	F Vater		and In	GH Situ Testing	D	epth	GC Level	Lamanad		%				5.00	<u>e</u>
Install. / Backfill	trikes	Depth (m)	Туре	Results		(m)	(m)	Legend	01 11		ratum De				Scale
Institution of the state of the	trikes	Depth (m) 5.00 – 5.45 5.00	Type D SPT(S)	Results N=18 (4,5/5,4,		(m) 5.00	(m) 13.00	Legella	slightly GRAVE content	ecovered as clayey sand EL of chalk a :. Sand is fin llar chalk an ATION).	s (Loose to n ly subangula nd flint (Gra e to medium d flint. (SEA)	nedium o ar to ang de Dc) w n. Cobble FORD C	dense) wular fine vith med es are su HALK	to coarse ium cobble	6-
															8 -
															9 -
Depth Base		meter Depth Base	Diameter Diamete	r Depth Top	Chisellin Depth Base	Duration	Tool	Тор	Inclination Base	and Orientation Inclination	Orientation	Тор	Base	nstallation Pipe Type	Diameter
1.00m 2.00m 3.00m 4.00m 5.00m	78 78 67	7mm 8mm 8mm 7mm 7mm										0.00m 1.00m	1.00m 5.00m	PLAIN SLOTTED	

Remarks



Appendix E Geotron Site Investigation Logs

C	Strata Dark brown of greyish white is CLAY. with occurrence of the control of th	rilling	Log			Rig C	Crew (Init	ials)		7	Τ	mi	>			Bore	hole Ref	erence	(^	J 501					
			,		0		Geotro	on UK Ltd	l. Unit E20	1B, Warn	nco Ind. F	ark, M	anchest	er Road,	Mossley	, OL5 9	9AY	Sheet	l	of	1		ther		
Job Ref.	Strata Dark brown of greyish white is CLAY. with occurrence of the control of th	ocation 2	Dove	<u> </u>	С	llent	Wa	rdell	Arn	nstra	209	Da	iy	TI	hurs	5	Da	ite	11	/1/2	 Ч	Boreho Diamete			
Depth			Stra				Test	Test type	From (m)	To (m)	Core			SP	T			N Value	Flush	Flush Colour	Recovery	Casing Depth	Water Level	Diamete	-1(0/
(mbgl)				•			110.	type	\""		Dlam. (mm)	0-75	75-150	150-225	225- 300	300- 375	375- 450	KPA	Return %	Colour	70	(m)	(m)		
0.00	Dar	Strata Des Dark brown cla Jreyish white we LAY. with occa FLUSH DETAILS FOR ME BIT TYP Casing O min 3 N/A rom mm to mm	claner	, 7	OPSOIL	1	101	0.00		87	_									1.00			Installa	ì	
0.50	900	Strata Description Strata Description Re brown clayey Togyish white weathered Y. with occasional glish Casing (depth m) BH complete (depth m) H DETAILS SPT Hammer Ref: 101 mm 92 mm Bit Type: Casing Diameter(s): 10 min 3	-1 1/4	$\frac{2}{2}$	SPT		1.45		12	2	2	4	4	5	15						Detai	Is			
		1 .1	niie.	wear	erea	challey	3	92 SPT		2.00		1	4	4	4	5	5	18		_	1.00				<i>\</i>
	CLA	1	rn c	occasia	ral j	lints.	5	92		3.00	78	-	-					10			1.00	-		1	
							6	SPT		3.45		3	3	M	2	2	3	10	_	/			_	门中	4.
							7	81		4.00											1.00	/	/	11	11
					8	SPT		445		2	2	2	3	9-	4	13						7	21		
							10	81	5.00	5.00		4	5	~~	5	5	5	18			1.00	/		12	11
							dean	92		5.00		-	3		3	3	2	1 (/ _	///	+
										000										*****				3.	1:1
																								-: ///	
,								ļ																	}{: -
									-	 															1:1
																				*****				: //	1.5
BH cont.	4TN	Casing (depth m)		BH comp	lete (depti	m) 5.45										_								://	
OHIDMEN	Strata Dark brown of greyish white in CLAY. with occurrence of the control of th	SPT Hammer	Ref:					~~~~~~~~~~~	Drilling									ter Strik			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	: //			
- COIF WILL	VI & ILO31						From (r	m) to (m)	ļ	Time (r	nins)			Notes		Time	Depth (m)			o (m) afte		· · · · · ·		: ///	
Barrel Type	:	92 mm		Bit Type:		gasteriannone		***************************************					******					5	10	15	20	Total (m)			
Ireah Tona		3. 10.001					-																		
iusii iype:	PMENT & FLUSH DETAILS Type: 101 mm 92 mm Bit T 81 mm Type: 100 mm 92 mm Bit T 100 mm 100	Casing Diame	eter(s):					erritani jeun in juliyonga Junamuun			***************************************														
lig set up	MENT & FLUSH DETAILS Type: Olam 92 mm Bit Si mm Cat Up Omin 3 Epit N/A reduced from mm to reduced from mm to	<u>s</u>		Hours				~~~										~~~~							
ervice pit	Competitor Time		- mm at		Hours	-	~																		
	Dark brown Greyish white CLAY. with To Casing(depthm) - VT & FLUSH DETAILS 101 mm 81 mm 10 min N/A ed from mm to ed from mm to To Standing Time/Dayw Competitor Time		mm at	-/	m Hours	-		٧	/ell diame	ter (mm)	1	6	3	Other mai	terials us	sed (e.g.	geosoci	(, PPE etc.)							
From	PENT & FLUSH DETAILS YPE: 101 mm 122 mm 151 mm PE: 10 min 3 Olt N/A duced from mm to duced from mm to To Standing Time/Daywork E Congetitor Time on				-		Plain	T	Scr	een			9	 - -	20)									
	epit N/A reduced from mm to reduced from mm to			**************************************	1		1,4411	1.00)	een	4-1	∞	gas eno	wat		ove	5								
	Type: tup epit reduced from m To Standing Time/Daywork: //pe Competitor Time on s							Well ma	terials		Gravel	Bento	104												
										No. b	ags			2										Welitag	
Rig Type	educed from mm to To Standing Time/Dayworks e Congetitor Time on si	site	₩ 4	.	CDT/CDT	T	Sample q	r		141					**********				frei frei ha passaranans						
Name					080		SPT/CPT	U	UT	D /	В	W	Lead (J.	Ta	mlo	ر	Site en	-					

The above are driller's site descriptions and factual data only and are subject to amendment after checking by or under supervision of an engineer or geologist

1																								
C		Rotar	y Dril	ling Log	,		Rig C	rew (Init	ials)		7	T	W.	P			Bore	hole Ref	erence	6	1502	2	***************************************	
			-		-	Geotro	on UK Ltd	. Unit E20	1B, Warn	nco Ind. P	ark, M	anchest	er Road	i, Mossle	y, OL5 9	PAY	Sheet	l	lo	1	Wea	ther		***************************************
Job Ref.	525	874	Site Locati	on Dove	2	C	lient	Wa	rdell	Arn	nstra	019	D	ау	TI	nur.	5	Da	ite	11	1.12	<u>.</u> Ц		ehole neter(s)
Depth			Strata D	Description		Test no.	Test type	From (m)	To (m)	C			SI	PT			N Value	Flush Return	Flush Colour	Recovery	Casing Depth	Water Level	Dian	creital
(mbgl)							ļ		<u> </u>	(mm)	0-75	75-150	150-22	5 225-	300- 375	375- 450	KPA	%		,-	(m)	(m)		
O · OO	Dark	r brow	in c	langery -	TOPSOIL	1	SPT	0.00	1.45	87	-	2	ļ	2	3	3	9			1.00				illatior tails
0.50	grey	ish wh	rite u	veathered	chalky	3	92		2.00	78	<u> </u>		1		7	3				1.00			1	tuns
	CLA	, 1. ω.τ	h oc	casional	mats.	4	SPT	2.00	2.45	/		2	3	3	4	4	14		/	7		/		
				(,	5	92		3.00	78	_			1==						1.00		/]	ф
						6	SPT		3.45		2	3	2	3	4	5	14	\leq					7	7
						8	SPT	400	445		3	4	4	4	5	4	17			1.00			1,	1
						9	81		5.00											1.00	/	·	15	12
ļ						10	SPT	5.00			2	5	5	5	6	5	21	/		/	/	/	1	^
				•		out	92	2.00	5.00	78												/		//-
						<u> </u>		<u> </u>										**************						%
•								 					ļ	\vdash									1	/\chi_{\begin{subarray}{c} \chi_{\begin{subarray}{c} \chi_{suba
																						*****		/?
						ļ	ļ	ļ																/
BH cont.	47N	Casing (depth m)		8H complete (dept	thm) 5.45									-										/ :
			CDT	Hammer Defi					Slow	Drilling	L	l	L			1		Wa	ter Strike	L es			1	/:
QUIPMEN	NT & FLUSH		371	Hammer Ref:		From (r	m) to (m)		Time (r	nins)			Notes		Time (1		Rising t	o (m) afte	r (mins)				
Barrel Type	:	92 mm	Bit	Гуре:			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					*************				(m)	5	10	15	20	Total (m)			Series Series
lush Type:			Casi	ng Diameter(s):																				
Rig set up		10 0			Hours			<u> </u>				!	······································											
ervice pit		7/14	// 2		Hours									-										
	CLAY. With a Casing (depth m) JENT & FLUSH DETAILS De: O Min 9 It N/A duced from mm to luced from mm to Juced from mm to Competitor Time on	/ n	nm at	m / Hours		****	- W	/ell diame	ter (mm)				Other ma	terials us	ed (e.g.)	geosock	, PPE etc.)		<u> </u>	Ll				
	Per Congetitor Time on:		nm at	m / Hours							6	`3	gas	s bu	ng		•							
From	JENT & FLUSH DETAILS Sope: 101 mm 12 mm 12 mm 15 mm 10 standing Time/Dayworks Competitor Time on s	Dayworks R	ecord	New york and the second se			Plain	1.00	Scre	een	4.	∞	gas en top	s c	a p	oves								
									Wellma	terlals		Gravel	Bento	106	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_								
	pe: 92 mm e: 10 min 3 t N/A uced from mm to uced from mm to To Standing Time/Daywork							No. b	ags		1	2	1									Welltag	T	
Rig Type	l	<u> </u>	Time on sit-	T ~=				Sample qu					4										<u> </u>	
Name			Time on site	080		SPT/CPT	U	UT	D /	В	W		driller me	J.	Ta	nlo	_	Site en nar	- 1					
						. ~			1	- 1	/			1 '	,			1141	,,	1				

C		Rotar	γD	rilling	Log			Rig (Crew (Init	ials)		7	Т	mi	2	***************************************		Bore	hole Ref	ference	11	150	 3		
		Strata Description				Geotro	on UK Ltd	l. Unit E20	1B, Warn	nco Ind. P	ark, M	anchest	er Road,	, Mossley	, OL5 !	9AY	Sheet	ı	of	1	 	ther			
Job Ref.	52	Strata Description		<u></u>	C	llent	Wa	rdell	Arn	nstra	200	Da	ау	Th	rs		Da	ete	11	/ 1/2			ehole eter(s)		
Depth			Stra	ta Descrip	otion		Test no.	Test type	From (m)	To (m)			<i>-</i>	SP	T T			N Value	Flush Return	Flush Colour	Recovery	Casing Depth	Water Level	Diame	eter(3)
(mbgi)		······································				****		1,40			(mm)	0-75	75-150	150-225	225- 300	300- 375	375- 450	KPA	%	Colour	76	(m)	(m)		
00.00	Dar	he brow	JA	clayer	4 7	OPSOIL	1	101	0.00	1.00	87										1.00				llation
0.50	1 grey	gish w	hite	Weath	sored	challe u	3	SPT 92		1.45			1	1	2		2_	٥			1.00			Det	tails
	CLA	0 Y1	10 0	2000		chancy	4	SPT			1	3	7	4	C ₁	5	2	18			1.00				_ /
				عادسيء	nai j	111/13.	5	92	2.00	3.00	78										1.00			17.	4
							6	SPT	3.00			3	2	4	4	4	Ţ	16	/	/	_			111	叫
ı							7	81		4.00		1	=	,							1.00		/_	17	1;
							9	SPT	4.00	4.45 5.∞		4	3	4_	5	4	4	<i>F1</i>			1.00		-	15	11
		Strata Description Response Clayey TOPS yish white weathered che T. with occasional plints Casing (depthm)				10		5.00			2	3	3	4	4	4	16			1.00			1	1	
		Strata Description Re brown clayey TOPS Jish white weathered characterists with occasional plints Casing (depthm) — BH complete (depthm) DETAILS SPT Hammer Ref: Command Bit Type: Casing Diameter(s): Casing Diameter(s): Casing Diameter(s): Time on site 0800			Gean out	92		5.00								-3						1.1	7-		
			Strata Description Strata Description Drown clayey TOPSC sh white weathered chair with occasional plints. SING (depthm) BH complete (depthm) 5 ETAILS SPT Hammer Ref: Casing Diameter(s): Casing Diameter(s): Casing Diameter(s): Month of Mon				<u> </u>																	/ :	
:		Strata Description Strata Description Ourk brown clayey regish white weather way. With occasions LAY. With occasions FLUSH DETAILS FLUSH DETAILS SPT Hammer Registry 101 mm 122 mm 123 mm Bit Type: Casing Diameter 10 min 3 N/A m mm to mm at m mm to						-															1		
		Strata Desi Strata Desi Dark brown claus Greyish white we clay. With occas CLAY. With occas 8 FLUSH DETAILS 10 mm 81 mm Casing D 10 min 3 N/A from mm to mm a To Standing Time/Dayworks Recor					 	-				·												1:1/	1:
		Strata Description The brown clayey TOPS yish white weathered chemical plints Casing (depthm) — BH complete (depthm) SH DETAILS SPT Hammer Ref: 101 mm 92 mm Bit Type: 81 mm Casing Diameter(s): 10 min 3 N/A mm to mm at m Standing Time/Dayworks Record																				13/			
BH cont.	1441	Corlos (d th)		- lau																				- /	
bircoin.	*/N	Casing (depth m)		вн соп	npiete (deptr	m) 5.45		<u> </u>	<u></u>															1:1/	
QUIPME	NT & FLUS	H DETAILS	Strata Description Le brown clayey TOPSC She white weathered chain with occasional plints. Casing (depthm) BH complete (depthm) 5 DETAILS SPT Hammer Ref: Column Bit Type: Casing Diameter(s): Casing Diameter(s): Casing Diameter(s): Manual			From (r	m) to (m)	1.	Slow Time (r	Drilling nins)			Notes		Time	Denth			ter Strike o (m) afte			ļ 	1:1/		
Barrel Type		DETAILS SPT Hammer Ref: COlom 192 cm Bit Type:													(m)	5	10	15	,	Total (m)		1-1/2			
Juliet Type	3:	81 mm		Bit Type:									***************************************												
lush Type:	:			Casing Dlam	neter(s):																				
Rig set up		10							<u> </u>																
ervice pit			W(V :	3	****	Hours Hours	l	*****	ļ																
asing reduc	ed from			/ mm at			<u> </u>		<u></u>	/ell diame	tar (mm)		_		Otherma	toriale ne	od/p a		DDE atc.)		L				
asing reduc		N/A mmto mmat m			m / Hours				ch didiric	ter (mm)		6	3	gas	نط ذ	19	Progress	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				l			
From	То	m mm to mm at m					Plain	1.00	Scre	en	4.	2	en	7 0	ap		, PPE etc.)				i				
					-			<u> </u>			Gravel	Bento	top	mat	C	oves					1				
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	Conversion							l Sample qu				1	2										Welltag		
Rig Type	C) 800				00	SPT/CPT	U	UT	D	В	w	Lead	driller		منهن		Т	Site en	gineer				L	L	
Name					5		/			$\overline{}$		me	٦.	Ta	4/0	r	nar	-	i						

C		Rotary Drilling Log T2874 Site Location Dover				Rig C	rew (Init	lals)		7	Τ	MF	>		Bor	ehole Re	ference	1	ωSC	04	
	L	, , ,	66		Geotro	n UK Ltd.	Unit E20	1B, Warn	nco Ind. P	ark, Ma	anchest	er Road,	Mossley,	OL5 9AY	Sheet	l	of	1		ther	
Job Ref.	J2	Strata Description			С	llent	Wa	rdell	Arn	netro	209	Da	у	We	 _\	D	ate	10	11/	2 L	Borehole Diameter(s)
Depth		Strata Description Strata Description -k brown clayey TOPSO wish white weathered chalky. With occasional plints. Casing (depthm) BH complete (depth m) 5		Test no.	Test type	From (m)	To (m)	Core			SP'	T		N	Flush	Flush Colour	Recovery	Casing	Water	Diameter(s)	
(mbgi)		Strata Description Strata Description Topso Wish white weathered chall Y. with occasional plints. Casing (depthm) — BH complete (depthm) 5 SH DETAILS SPT Hammer Ref: (Olam 92 mm Bit Type: 81 mm Bit Type:		no.	type	(m)		Diam. (mm)	0-75	75-150	150-225	225- 300	375 375 450	Value KPA	Return %	Colour	%	Depth (m)	Level (m)		
0.00	Dar	Strata Description Strata Description K brown clayey TOPSC yish white weathered character. With occasional glints. Casing (depthm) BH complete (depthm) CH DETAILS SPT Hammer Ref: 101 mm Bit Type: 10 min 3 N/A		OPSOIL	1	101	0.∞	1.00	87									1.00	/		Installation
0.50	g ces	aish white		-1 1/4	2	8PT 92	1.00	1.45			1_	1	2 1	_ 2	6	/	/			/	Details
	CLAS	y 14.	weathered	challey	3			2.45		2	4	3	4	1 3	14	_		1.00			· /
		1. WILK	occasional g	lints.	5	92	2.00											1.00	/	1	THI
:					6	SPT	3.00			S	6	5	6 9	5 5	21	/	/	_	/	~	11011
					7	81		4.00		4	5		7 :	7 7	25			1.00		/_	1, 11
					8	SPT	4.00	445 5.00		7	3	4		FF	25			1.00			12 21
			Strata Description Strata Description Dover Strata Description Dover Shown Clayey Topsold Showhite weathered chalk With occasional plints. DETAILS SPT Hammer Ref: Cosing Dlameter(s): Casing Dlameter(s): Casing Dlameter(s): To min 3 N/A mm to mm at m Standing Time/Dayworks Record		10		5.00			4	6	6	8 =	7 7	28	1	_	/		/	1 11
·			Strata Description Strata Description Dover Strata Description Casyey TOPSO Sh white weathered chall with occasional plints. DETAILS SPT Hammer Ref: Column Bit Type: Casing Diameter(s): Casing Diameter(s): Domin 3 N/A mm to mm at m Standing Time/Dayworks Record		out	92	2.00	5.00	78									/	/	/	1: // -:
			Strata Description brown clayey TOPSC h white weathered cha with occasional plints TAILS SPT Hammer Ref: SPT Hammer Ref: Casing Dlameter(s): Casing Dlameter(s): My mm to mm at m mm to mm at m anding Time/Dayworks Record		<u> </u>	ļ			 										,		
			Strata Description brown clayey TOPSC sh white weathered cha with occasional plints. SETAILS SPT Hammer Ref: Olam 2 mm 3 Bit Type:				 	<u> </u>	 							<u> </u>					13:10
		Strata Description Re brown clayey TOPSO Jish white weathered chal I. with occasional plints. BH complete (depth m) 5 DETAILS SPT Hammer Ref: 101 mm 92 mm Bit Type: Casing Diameter(s): 10 min 3 N/A mm to mm at m Standing Time/Dayworks Record																			
		Strata Description -K brown clayey TOPSC yish white weathered chal Y. with occasional plints. Casing (depthm)			ļ	ļ								-						-:	
BH cont.	*/N	Strata Description The brown clayey TOPSC Tyish white weathered cha Y. with occasional plints. SPT Hammer Ref: 101 mm 92 mm 81 mm Casing Diameter(s): 10 min 3 N/A mm to mm at m Standing Time/Dayworks Record	hm) 5.45			-	ļ		ļ					-							
-01 1101 454	T 0 511101	Strata Description -k brown clayey TOPSC yish white weathered cha Y. with occasional plints. SH DETAILS SPT Hammer Ref: 101 mm 92 mm 81 mm Casing Diameter(s): 10 min 3 N/A mm to mm at m Standing Time/Dayworks Record					Slow	Drilling	1	l	1				Wa	ter Strik	es .	l	1	- //:	
COIPIVIEI	NI & FLUSI	USH DETAILS SPT Hammer Ref: Olomo 92 mm Bit Type: Casing Diameter(s): Omin 3 N/A			From (r	n) to (m)	ļ	Time (ı	mins)			Notes	TI	me Dept			to (m) afte				- //
Barrel Type	:	USH DETAILS SPT Hammer Ref: 101 mm 12 mm 12 mm 81 mm Bit Type:		P								······································			5	10	15	20	Total (m)		
Flush Type:		LUSH DETAILS SPT Hammer Ref: 101 mm 92 mm Bit Type: Casing Diameter(s): 10 min 3 N/A		Name of the latest and the latest an											-						
Rlg set up		FLUSH DETAILS SPT Hammer Ref: Olomo 92 mm Bit Type: Casing Diameter(s): Omio 3 N/A om / mm to / mm at / m		Hours		***************************************	<u> </u>														
Service pit Casing reduc	ad fran			Hours																	
Casing reduc		P2 mm Bit Type: - Casing Diameter(s): - Casing Diameter(s): - M mm to mm at m m mm to mm at m					W	/ell diame	eter (mm)		6	3	Other mate	rials used (e	g. geosoc	k, PPE etc.)					
From	То	ID min 3 N/A om / mm to / mm at / m om / mm to / mm at / m		THE PROPERTY OF THE PROPERTY O			Plain	1	Scr	een			end	cai) P						
								Vell ma			Gravel	Bento	top	at at	Cove	7					
		To Standing Time/Dayworks Record						No. b													Wellteg
							Sample q	uantitles			1	2									
Rig Type Name					SPT/CPT	U	UT	D	В	W.		driller	7	Tayl		1	ngineer				***************************************
	1)01	rme lime	Oll site 17	<u>ለ</u> ነርስ	5	1	i /		_		na na	me l	7	iani	U L	t na	me	I			

C		Rotar	v Dr	rillin	g Log			Rig C	rew (Initi	als)		J	τ	MP	·			Bore	hole Ref	erence	h	505	5		
			, – .		6 6		Geotro	n UK Ltd.	Unit E20	1B, Warm	ico Ind. P	ark, Ma	nchest	er Road,	Mossley	, OL5 9	AY	Sheet	l	of	1	Wea	ther		
Job Ref.	529	874	Site Lo	cation	Dover		Cil	ent	War	dell	Arn	istro	200	Day	/	TV	\ur.	s	Da	te	(1)	11/2	L		ehole neter(s)
Depth (mbgl)			Strat	a Descr			Test no.	Test type	From (m)	To (m)	Core Dlam.		75-150	SP7		300- 375	375- 450	N Value KPA	Flush Return %	Flush Colour	Recovery %	Casing Depth (m)	Water Level (m)		
ර · ලට	Dack	o ha			-70	205016	1	101	0.00	1.00	(mm) 87				300	3/5	450			***************************************	1.00	_		i	llation
	ישעי	c brow	,	Clay	ey !	JP 33.	2	SPT	1.00	1.45		1	١	2	1	3	3	9	/	/	/			De	tails
0.50	5 rey	ish wh	nte.	wea	thered	chalky	3	92		2.00		_								ation-supplied	1.00				
	CLA	1. Wit	W c	ccasi	ional 1	lints.	4	SPT	2.00			4	4	5	4	5	4	18		_				-	-4
			SDT Hamman Date			5	92	*	3.00		_									1.00			l l'a	山儿	
							6	SPT		3.45		3	3	4	4	4	4	16						7,	17
							7	81		4.00		ļ , , , , , , , , , , , , , , , , , , ,			$\overline{\cdot}$						1.00			1,	11
							8	SPT		445		4	7	4	4	3	3	14					-	15	21
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BH cont.	Y/N	Casing (depth m)	T	ВН	complete (depth	m) 5.45																			
			1				1	.1	- 	Slow	Drilling	·L	I					I	Wa	ter Strik	es	·····		-	
EQUIPME	NT & FLUSH	1 DETAILS		SPT Hami	mer Ref:		From (r	n) to (m)	T.	Time (mins)			Notes		Time I		I	Rising t	o (m) afte	er (mins)				13:
Barrel Type		101mm 92 mm		Bit Type:													(m)	5	10	15	20	Total (m)		-V	
	··	81 mm		Dit Type.																					
Flush Type:		*************		Casing Di	lameter(s):	-																			
	******									~					-									Ì	
Rig set up		10 0	<u> </u>	3	The sale thanks as the sale of	Hours																	i		
Service pit	1.6	NIA				Hours				******								<u> </u>	<u></u>	<u> </u>	<u></u>	L	<u> </u>	-	
Casing reduc		mm to		/ mm at		m Hours	4		٧	Vell diame	eter (mm)	6	3	Other ma	terials us	ed (e.g.	geosoc	k, PPE etc.)					1	
Casing reduc		/ mm to		mm at		m / Hours				T			U	<u>ي</u>	ya.	3 12	79								
From	То	Standing Time	/Daywor	rks Record	·		4		Plain	1.00	Scr	een	4-	∞	ga: top) ~ k	4 (-)) "MUO	_						
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							1			No. ł														Welltag	Т
							 		Sample q					2											
Rig Type	Cena	etitor	Time or	n site	<u>080</u>	<u>ነ</u> ጥ	SPT/CPT	,	UT	D	В	w	lash	driller					Site er	ngineer					
Name			Time of		0000		5. 1/6.1		+==	ナラ				me	3.	· Ta	\sim l_{∞}		1	me					

C		Rotar	v D	rilling Lo	ρ	·		Rig C	rew (Init	ials)		7	Т	m 1	>		Bore	hole Ref	erence		wsc	 26		٦
			, –	5	0		Geotro	n UK Ltd.	. Unit E20	1B, Warn	nco Ind. F	ark, M	anchest	er Road,	Mossley, O	L5 9AY	Sheet	l	of	1	T	ther		_
Job Ref.	J29	874	Site Lo	ocation Do.	ver	And the second s	CI	ient	Wa	rdell	Aca	nstra	۰ ۲۸۹	Da	зу (wed		Da	ite	10	11/2	 2	Borehole Diameter(
Depth			Strat	ta Description		····	Test no.	Test type	From (m)	To (m)	Core	Ī		SP	T T	arris crarectinaments	N Value	Flush Return	Flush Colour	Recovery	Casing Depth	Water Level	Diameter	-1_
(mbgl)							1101	type			Dlam. (mm)	0-75	75-150	150-225	225- 30 300 37)- 375- 5 450	KPA	%	Colour	76	(m)	(m)		
ල ∙ලව	Darl	k brow	JN.	clayey	TOP	SOIL	1	101	0.00		87					1=			***************************************	1.00	/		Installatio	
5.50	gren	ish w	hita	J J	1 0	1 -16	3	8PT 92	1.00	1.45			2		1 2	. 3	7			1,00	-		Details	
	CLAS	1 1	л.(С. Ы	weather		namey	4	SPT		2.45	1	1	2	5	5 <	5	20			1.00			 	,
	Cur	1. W.	rv c	occasional	glini	rs.	5	92		3.∞	78	 ``				丰兰	=			1.00	-	/	7	Ī
							6	SPT	3.00	3.45		2	3	S	5 5	6	22		/		/		山山	1
							7	81		4.00							-			1.00	/	/] [1]	ĺ,
							8	SPT		445		4	4	5	4 4	4	17			_		_	1	
		Dark brown Greyish white CLAY. with CLAY. with 8 FLUSH DETAILS 101 mm 12 mm 81 mm 10 min N/A 1 from mm to					9	81		5.00		-				-				1.00			1/2	
							10 Gean	92	5.00			3	4	6_	6 7	6	25			-		/ _		HŽ
							out	12	2.00	5.00	78									-		\vdash	1:1//	
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	TO Standing Time/Dayw Competitor Time Stra St																						,	
													***************************************											٠
BH cont.	VETT	Caring (donth m	 	BH complete (anth 1																		E:///:	
bir cont.	4/N	Cashing (depth in	<u> </u>	an complete (eptirm)	5.45	 	<u></u>	<u> </u>	<u></u>	D.:III.	<u> </u>			L							<u> </u>		
QUIPME	Str. O Dark brown D Greyish white CLAY. with MENT & FLUSH DETAILS Ype: 92 mm 81 mm /pe: 10 min pit N/A educed from mm to standing Time/Dayw e Competitor Time		SPT Hammer Ref:			From (r	n) to (m)	T	Slow Time (i	Drilling		I	Notes	Tim	e Depth			ter Strik o (m) afte			I			
		101mm				······································	1.10,11(1		 	11110 (1			 			(m)	5	10	15	20	Total (m)		· //	,
Barrel Type):	92 mm		Bit Type:		<u> </u>							***************************************			_	+			20	, otal (ili)			
Turk Turk					\Box								<u> </u>		***************************************		 							
Tush Type:			·	Casing Diameter(s):				,	***************************************			Xarinaneananean											
Rig set up			min s	3		Hours				~														
Service pit						Hours																		
	PMENT & FLUSH DETAILS Type: 92 mm 81 mm Type: 10 min Ty	mm at mm at	m	Hours			\ v	Vell diame	eter (mm))	6	a	Other materia	ls used (e.	g. geosoc	k, PPE etc.)								
From		_	e/Daywo		m	Hours	4			T				<u> </u>	903	2019	_							
		Dianania ini	C/ Daywo	rks necoru			-		Plain	1.00	Scr	een	4.	∞	gas end toph	م ہے۔ کے سام	s Taran	_						
				· · · · · · · · · · · · · · · · · · ·			1			Well ma			Gravel	Bento	TOPM	27 C	_0,00							
							1			No. b													Welltag	_
									Sample q					2										
Rlg Type	Comp	etitor	Time or	ı site	800		SPT/CPT	U	UT	D	В	W.	Lead	driller				Site en	gineer				<u> </u>	-
Name			1 00		5						1	me	7.7	anlo) C	ŧ	me							

C Rotary Drilling Log			Rig Crew (Initials)					JT MP		>	ossley, OL5 9AY		Borehole Reference			WS07								
							Geotron UK Ltd. Unit E201B, Warmco Ind. P						Park, Manchester Road, Moss			Sheet	ı	of	1	Weather				
Job Ref.	J2874 Site Location Dover					Client		Wardell Arm		nstrong Day		у	Wed			Date		10/1/24		24		ehole eter(s)		
Depth					Test	Test type	From (m)	To (m)	Core	T	SPT		L			N Value	Flush Return	Flush Colour	Recovery	Casing Depth	Water Level	J.C.III	10101(0)	
(mbgl)	•				no.				Dlam. (mm)	0-75	75-150	150-225	225- 300	300- 375 450		KPA	%	Colour	70	(m)	(m)			
ල . ල	Dark brown claver TOPSOIL					1	101	0.00	1.00	87									~~~	1.00			1	llation
0.50	Dark brown clayey TOPSOIL Greyish white weathered chalky CLAY. with occasional plints.			2	SPT	1.00	1.45		1	'		2	1	2_	6			1 20		-	De	tails		
	(100	y sh whi	او س	eathered	chalky	3	92 SPT		2.00	·	2	2	3	4	6	6	19			1.00				
	CLA	7. With	0000	isional g	lints.	5	92		3.00	78	1-									1.00	/	/	1	H
				·		6	SPT	3.00	3.45		3	3	4	4	5	4	17	/	/	/	/	~	1	4
						7_	81		4.00											1.00		/_	1.	1
						8	SPT	400	445		<u>l</u>	l	2	3	3	4	12			1.00		-	1	1
						10	SPT	5.00	5.00		4	4	3	4	4	L	15			1.00			1	1
						dean	92		5.00											-		1	:	//
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,										<u> </u>	-												1:1	
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BH cont.	#TN	Casing (depth m)		BH complete (dept	hm) 5.45																			<i>\\</i> .
EQUIPMENT & FLUSH DETAILS SPT Hammer Ref:					Slow Drilling From (m) to (m) Time (mins)					Notes				Time Depth				ter Strik	es (mins)					
101mm			FIOIT	11) 10 (111)	/(iii) / rinte (iiiiis)				Notes			(m)		5	10	15	20 Total (m)			1-12	<u> </u>			
Barrel Type	::	92 mm 81 mm	Bit Ty	pe:	gagaman menengi		Anna Service State or and Service State or and Service	-																
Flush Type:			Casin	g Diameter(s):																		1		
				s Diameter(s):					~		·		Management Towns (2001)			·								
Rig set up Service pit		10 m	<u> 2 nis</u>		Hours			-			*****													
Casing reduc	ed from	N/A / mm to	∕ mn	n at /	m / Hours					/		ļ		Otherm	otoslala (rod (o a		k, PPE etc.)	<u> </u>		<u> </u>	<u> </u>	-	
Casing reduc		mm to	/	n at	m Hours			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Vell diam	eter (mm	,	6	S	aa	< トー	100								
From	To Standing Time/Dayworks Record							Plain	1	Sci	Screen	4.00		en	nd cap phat cover									
									1.00			Gravel	Bento	top	sha!	\ C	ove	5						
								Well materials No. bags																Т
		Sample quantitles 1 2																Welltag						
Rig Type	Connetitor Time on site 0800					SPT/CPT	,	UT	D	В	W	Lead	driller		J. Taylor Site engineer							ــــــــــــــــــــــــــــــــــــــ		
Name	Deat Time off site 17 00			E			1	 	1	1	me	13	. 10	unlo	6	1	me							

C	Rota	ry Dril	ing Log			Rig C	rew (Init	ials)		7	Т	mi	2		Bore	hole Ref	ference	(NSC	8		***************************************
Name of the last o	,	•	0 0		Geotro	on UK Ltd	. Unit E20	1B, Warn	nco Ind. I	Park, M	anchest	er Road,	, Mossley,	OL5 9AY	Sheet	ı	of	1	Wea	ther		
Job Ref.	52874	Site Location	n Dove		C	llent	Wa	rdell	Arn	nstr	019	Da	ay (wed		Da	ate	10/	1/24	 f	Borel Dlame	
Depth		Strata D	escription		Test no.	Test type	From (m)	To (m)	T -			SP		•	N Value	Flush Return	Flush Colour	Recovery	Castan	Water Level		10. (0)
(mbgl)		· · · · · · · · · · · · · · · · · · ·		***************************************	<u> </u>			<u> </u>	(mm)	0-75	75-150	150-225	225- 300	00- 75 450	KPA	%			(m)	(m)		
<u>ල</u> ∙ ලන	Dark brod greyish u CLAY. W	un cl	aney 7	OPSOIL		20-	/	<i></i> _	/	6	-	1	/	$\frac{1}{2}$	1	/	/	1. /		/	Install Deta	
0.50	Grenish "	hite.	ال ال المصادات مصاط	01 -110	2	8PT 92	1.00	1.45		<u> </u>	2	2	2	2 3	9			1.00	-	/	Dec	alls
	CLAY	14 .	euree	chaney	3	SPT		2.45	-	3	4	3	3 4	+ 6	16			1.00	-			. ,
	$ CU(1, \omega) $	1	asional i	11275.	4	92		3.00		-	<u> </u>				-			1.00	-	/	17	
					5	SPT		3.45		2	3	3	3 4	, 5	15	/	/	_	/	~	JI	4
					6	81		4.00									- Commence of	1.00	/	/	11	1.
					1			445		2	7	5	3 4	+ 5	17		/	/	/		7	1
					8	81		5.00		15								1.00	/	/	15	1
					9 Clean			5.45		4	S	5	4 9	5 4	18				-	1	11.	_
					out	92	2.00	5.00	+8	-					-				-			1
						 	 	ļ		-			<u> </u>		-							% :
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						ļ	 			 					1							/}:
																						1
																					-: //	2:
BH cont.	XTN Casing (depth r	1)	8H complete (dept	hm) 5.45				<u> </u>			<u></u>											<i>X:</i>
EOUIPME	NT & FLUSH DETAILS	SPT	Hammer Ref:		Franci /		1		Drilling		T						ter Strik				1:1/	
	101mm				Prom (m) to (m)	ļ	Time (i	mins)			Notes		ne Depti (m)	5	,	to (m) afte		T-4-1/X		1.1/	2:
Barrel Type	92 mm	Bit T	ype:					***************************************		~~~		nonempedent militaria (1986-1984)	***		5	10	15	20	Total (m)			
Flush Type		Casl	ng Dlameter(s):																			
Rig set up	10	min 3		Hours			 			***************************************					+			<u> </u>				
Service pit	300			Hours			-			<i>}-</i>					 							
Casing redu	ced from / mm to		m at	m / Hours			v	Vell diame	eter (mm	}			Other mate	lais used (e.	g. geosoc	k. PPE etc.)	L	<u> </u>	1	L		
Casing reduc	ced from / mm to	/ m	m at	m Hours]				, (IIIII)	,	6	3	Other materials used (e.g. geosock, PPE etc.) gas bug									
From	To Standing Tin	ie/Dayworks Re	ecord]		Plain	1.00	Scr	reen	4.	∞	end	car) (4) (6)	_						
		***************************************	**************************************					Wellma		* 1	Gravel	Bento	tophat cover									
					1			No. b					Welltzg									
					 		Sample q	e quantities 2					İ									
RIg Type	0300			SPT/CPT	r U	UT	D	В	W		driller		~ ·		Site en	nglneer	T			<u></u>		
Name	Dart Time off site 17 00				5		/			/		me	1 7.	Taylo) C		me					

C	Rotary D	rilling Log			Rig C	rew (Init	ials)		7.	B	D	ζ			Borel	hole Ret	ference	B	H	(7
		8 ==8		Geotro	on UK Ltd	. Unit E20	1B, Warn	nco Ind. F			<u> </u>		еу, OL5 9 <i>I</i>	λY	Sheet		of	'	T	ather			1
Job Ref.	Site I	Location De	a l	С	lient	Wal	dell	Aln	1St.	1011	Di	ау	wed	Fh	u	Da	ate	10-1	/1/	 2 4	1	hole eter(s)	1
Depth (mbgl)	Stra	ata Description		Test no.	Test type	From (m)	To (m)	Core Diam.			SF	PT 225-	1	N	N /alue	Flush Return %	Flush Colour	Recovery %	Casing Depth	Water Level	Diam	eter(s)	
	·4m Topsou							(mm)	0-73	75-150	150-225	300	300- 375	375- 450 K	TA	76			(m)	(m)	Instal		
0.4-	0.65 Soil	Ichalk n	nix																		Det	ails	
30 m	Chalk v of flin	vith 4 t Cobble	oads Yboulders																			11 41	14
BH cont.	Y/N Casing (depth m)	BH complete (dept	hm) 30 m				Slow	Drilling	<u></u>							14/2	ter Strike]	1	
EQUIPME	NT & FLUSH DETAILS	SPT Hammer Ref:		From (r	n) to (m)	1	Time (r			T	Notes		Time De	epth			to (m) afte				1/	1 .	
Barrel Type	e:	Bit Type:	PDC										- (m) -	5	10	15	20	Total (m)		1	'	9
Flush Type	" water	Casing Diameter(s):	V/E 146					*****													/	1	9
Rig set up Service pit			Hours		~~~~															-		/	2
Casing redu		mm at	m Hours			 	/ell diame	ter (mm)		/.		Other m	aterials used	l (e.g. ge	osock.	. PPE etc.)		L	L	l			<u>_</u>
Casing redu		mm at	m Hours						***************************************	6		1	ab	ta	p	Co	10/	14/1	Li			1	
From	To Standing Time/Daywo	orks Record				Plain	15	Scre	een	1 4	5 ~		gh	- 0,	ð	Pade	-ock		· u		1-	\	,
							Wellmat			Gravel	Bento										1	1/	
		T				Sample qu	No. ba	ags		14	16										Welltag		
Rig Type	Totaly Time o	on site		SPT/CPT	U	UT UT	D	В	w	1024	driller		***************************************	A		Cita	aines :						
	Comacchio 305 Time o	off site			<u> </u>	 	-			•	me ariller	5	Blad	Lec		Site en	- 1						

C	Rotary Drilling Log	3		Rig C	rew (Init	ials)		T	B	DS	>			Bore	hole Ref	erence	1	3 H1	2	
			Geotro	n UK Ltd	. Unit E20							ey, OL5	9AY	Sheet		of		We	ather	
Job Ref.	52874 Site Location Dec	- <u>L</u>	CI	ient	Wo	rde	LL	Asm	5 t/o	Day	У	Tu	e 3		Da	ete	16-	1 - 3	24	Borehole Diameter(s
Depth (mbgl)	Strata Description		Test no.	Test type	From (m)	To (m)	Diam.					300- 375		N Value KPA	Flush Return %	Flush Colour	Recovery %	Casing Depth	Water Level	Diameter (
	O. 6m Sorl/Chack mi	×					(mm)	0-73	75-130	150-225	300	375	375- 450	NFA	70			(m)	(m)	Installatio
																				Details
	Chalk with f	Lint																		
	Chalk with f Cobbles/bould	2 (
$ \psi $																	~			
31.5×	<u> </u>																			7
		77.300				Slow	Drilling								Wa	ter Strike	es es			
UIPMEI	NT & FLUSH DETAILS SPT Hammer Ref:	NIA	From (n	n) to (m)		Time (r	mins)			Notes		Time I	Depth (m)		Rising t	o (m) afte	r (mins)			
rrel Type	e: MA Bit Type:	PDC								···			(111)	5 ,	10	15	20	Total (m)		
ush Type:	Casing Diameter(s):	VE 146								***************************************										
set up		Hours Hours								***************************************										
sing reduc	7770	m Hours			w	/ell diame	ter (mm)			7	Other ma	aterials us	ed (e.g. g	eosock,	PPE etc.)	-4		····	<u></u>	11/2
sing reduc From	red from mm to mm at To Standing Time/Dayworks Record	m Hours			Plain) Scre		0,	mm	Hig	gh to	P	ده	ver	w	ith	Loca	R	
					1 idnit	16.7	m	-611	Gravel	· M										Welltag
						Well ma No. b			14	17								3	1.5m	(
Rig Type	1 T. C. 1 Francisco				Sample qu				` '											
	RoTary Time on site		SPT/CPT	U	UT	D	В	W	Lead i	driller .	Zin	1 Ba	adi e	ادی	Site en	_				

C	Rota	ry D	rilling Log			Rig (Crew (Init	ials)		3	-B	D	S			Bore	hole Re	ference	B	H3		· · · · · · · · · · · · · · · · · · ·		1
			0 0		Geotro	on UK Ltd	l. Unit E20	1B, Warr	nco Ind. I	Park, N	/lanches	ter Road	, Mossi	ey, OL5	9AY	Sheet		of			ather	T		-
Job Ref.		Site	Location Dea	<u>L</u>	c	lient	In	a lde	CC A	1cm	Stlon	r G D	ау	Tugne		, l	D	ate	9-10	/1/	24		ehole neter(s)	
Depth (mbgl)		Stra	ata Description		Test no.	Test type	From (m)	To (m)	Core Diam.			150-22	PT 225-	300- 375	375- 450	N Value	Flush Return %	Flush Colour	Recovery %	Casing Depth (m)	Water Level (m)	Dian	icter(s)	
0-0-0	6m Top	50	ic	12-24-1					(mm)		1000	130 22	300	375	450					(117)	(111)		llation	-
0.6-1.	·2 5016	10	halu mi	Υ																		De	tails	
5m BHcont.	Chalu Very L		ce frint																			7,1,1,1,1		8.3 9m
QUIPMENT 8	& FLUSH DETAILS		SPT Hammer Ref:	1 (3 m	/-	1			Drilling	<u> </u>								ter Strike				+-	1/	150
			-			n) to (m)		Time (r	mins)		ļ	Notes		Time	Depth (m)	5		to (m) afte	·			90	マレと	
Barrel Type:			Bit Type:	PDC												3	10	15	20	Total (m)		٠٠ر	۲۰۷۷	ic.
lush Type:	wate	_	Casing Diameter(s):	PDC VE146								***************************************												
Rig set up				Hours																				
ervice pit asing reduced	from mm to		mm at	m Hours					···	*****			,											
asing reduced				m Hours			W	'ell diame	ter (mm)	İ	6	3	Other m	aterials us	ed (e.g. g	geosock	, PPE etc.)							
From	To Standing Tim	e/Daywo	orks Record		-		Plain	9n	Scre	een	<u> </u>	m	Hù	3 m	tof	' C	o Ve	r u lloci	ith					
					-			/ Well ma			Gravel	Bento					• ~ ~	10 CI	1					
					1			No. b			4	7										Welitag		
Rig Type /		L.					Sample qu	antities	***************************************															
	otary macchio 305	Time o		***************************************	SPT/CPT	U	UT	D	В	W	4	driller me	John	n B/c	ade	ور	Site en						hita and a same	

The above are driller's site descriptions and factual data only and are subject to amendment after checking by or under supervision of an engineer or geologist



Appendix F
Soakaway Testing Results

INFILTRATION TEST

Depth(m)	1.80
Depth of Water(m)	0.50
Length(m)	2.00
Width(m)	0.45
Porosity	0.30
Vt(p75-25)(m³)	0.585
V(p75-25)(m³)	0.176
A(p50)(m²)	4.09
H(v75)(m)	0.83
H(v25)(m)	1.48
t1(s)	25760
t2(s)	0
t3(s)	0
$f_{1(m/s)}$	1.668E-06
f _{2(m/s)}	#DIV/0!
f 3(m/s)	#DIV/0!
f Average(m/s)	#DIV/0!

Location: SW03

Notes:

The Depth of water is from t

level.

Porosity is the void ratio wit

any granular fill.

Tes	st 1	Tes	st 2	Tes
Time(mins)	Depth to water(mbgl)	Time(mins)	Depth to water(mbgl)	Time(mins)
0	0.50	0	0.50	0
1	0.51			
2	0.51			
3	0.51			
4	0.52			
5	0.53			
6	0.54			
7	0.54			
8	0.54			
9	0.54			
10	0.55			
12	0.55			
14	0.56			
16	0.57			
18	0.57			
20	0.58			
30	0.59			

50	40	0.60		
60 0.65 90 0.68 180 0.72 210 0.75				
90 0.68 180 0.72 210 0.75				
180 0.72 210 0.75				
210 0.75	90	0.68		
	180	0.72		
230 0.75	210	0.75		
	230	0.75		

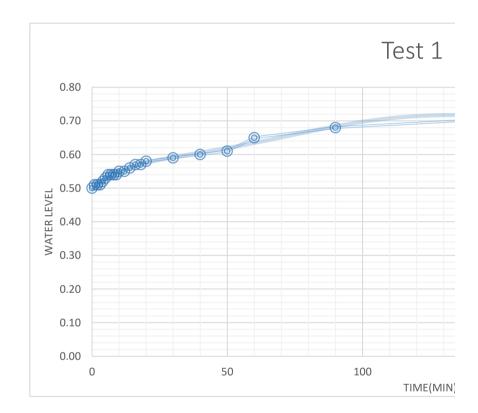
Soil Infiltration Rate

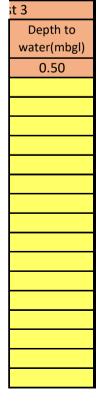
the Ground level to water

hin the trial pit considering

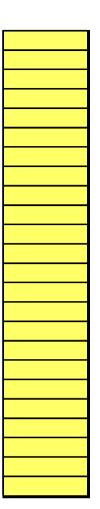


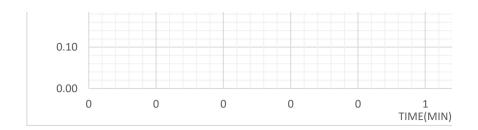
V (675-25) = Volume of the hole fro a (psg) = Internal surface area of 1 t (p75-25) = The time for the hole t

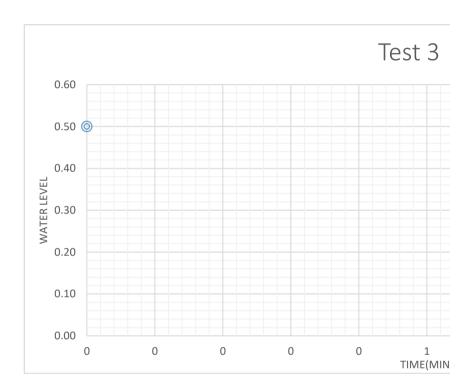






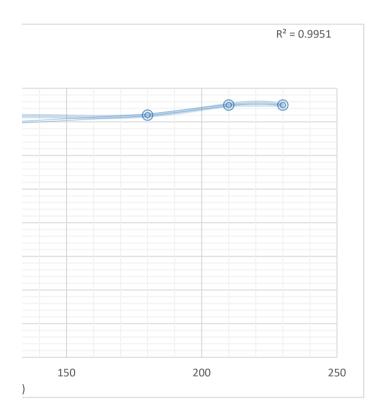




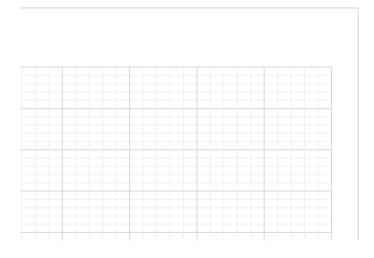


om 25% to 75% depth

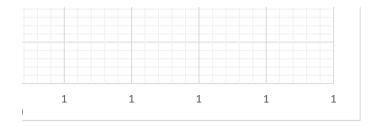
the hole up to 50% of the depth and including the base area to drain from 75% to 25% full in seconds

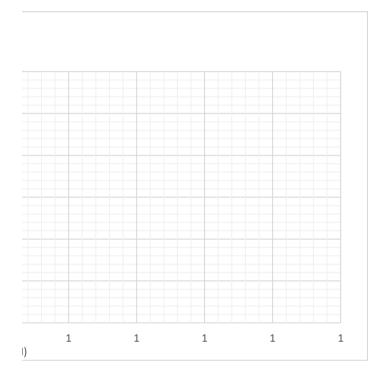


Water level 0.83 24.00



Water level 0.83 1.00





Water level 0.83 1.00

t(m)	Water level	t(m)
23.00	1.48	452.33
	24.00	

t(m)	Water level	t(m)
0.00	1.48	0.00
	1.00	

t(m)	Water level	t(m)
0.00	1.48	0.00
	1.00	

INFILTRATION TEST

Depth(m)	1.80
Depth of Water(m)	0.50
Length(m)	1.00
Width(m)	0.45
Porosity	0.30
Vt(p75-25)(m³)	0.293
V(p75-25)(m³)	0.088
A(p50)(m²)	2.34
H(v75)(m)	0.83
H(v25)(m)	1.48
t1(s)	29490
t2(s)	0
t3(s)	0
f 1(m/s)	1.274E-06
f _{2(m/s)}	#DIV/0!
f _{3(m/s)}	#DIV/0!
fAverage(m/s)	#DIV/0!

Location: SW04

Notes:

1-The Depth of water is fron level.

Porosity is the void ratio wit

any granular fill.

Tes	st 1	Tes	st 2	Tes
Time(mins)	Depth to water(mbgl)	Time(mins)	Depth to water(mbgl)	Time(mins)
0	0.50	0	0.50	0
1	0.50			
2	0.50			
3	0.51			
4	0.51			
5	0.51			
6	0.51			
7	0.52			
8	0.52			
9	0.52			
10	0.52			
12	0.52			
14	0.53			
16	0.54			
18	0.55			
20	0.55			
25	0.55			

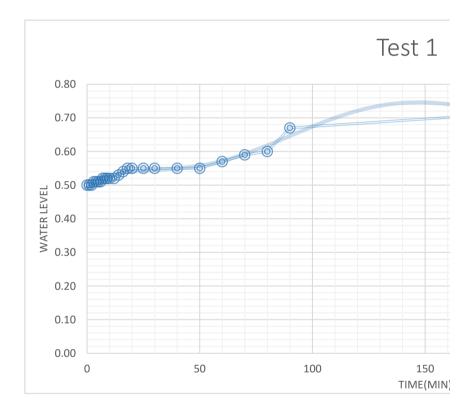
30	0.55		
40	0.55		
50	0.55		
60	0.57		
70	0.59		
80	0.60		
90	0.67		
180	0.71		
210	0.71		
240	0.71		
260	0.73		

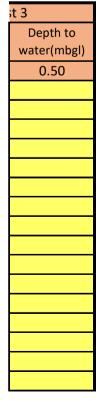
Soil Infiltration Rate

 $f = \frac{V_{(p75-25)}}{a_{(p50)} \times t_{(p75-25)}}$

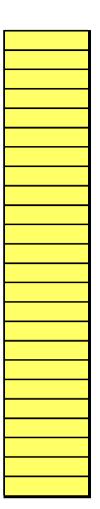
V ($_{(675-25)}$ = Volume of the hole from a ($_{(650)}$ = Internal surface area of t t ($_{(675-25)}$ = The time for the hole t

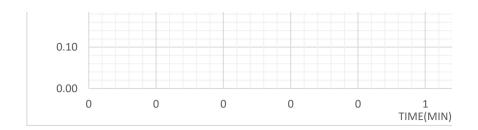
1 the Ground level to water 2hin the trial pit considering

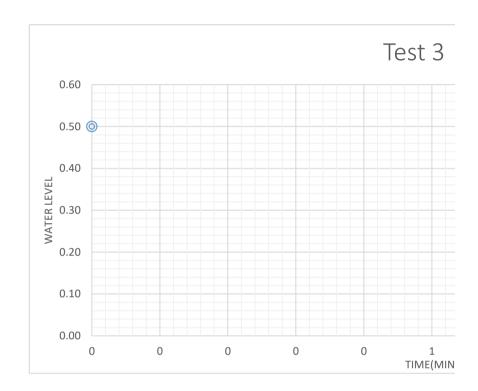






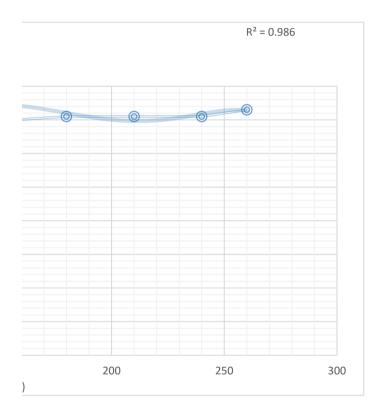




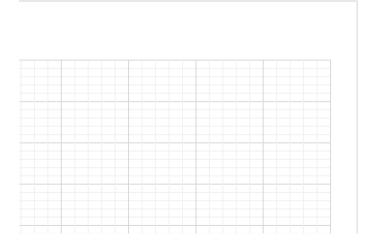


om 25% to 75% depth

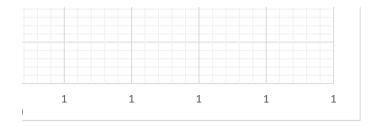
the hole up to 50% of the depth and including the base area to drain from 75% to 25% full in seconds

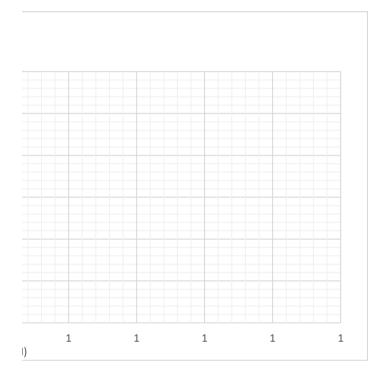


Water level 0.83 28.00



Water level 0.83 1.00





Water level 0.83 1.00

t(m)	Water level	t(m)
33.84	1.48	525.34
	28.00	

t(m)	Water level	t(m)
0.00	1.48	0.00
	1.00	

t(m)	Water level	t(m)
0.00	1.48	0.00
	1.00	



Appendix G Hixtra CBR Testing Results





Report No: 11052-1 Report Date: 15/01/2024

Client: Geotron UK Ltd

Address: Unit E201B, Warmco Industry Park,

Eastgate Mossley OL5 9AY

Site: Station Road, Walmer, Deal, CT14 9JN

Test Details

Test Location: CBR 01 Date of Test: 15/01/2024

Description: Chalky Brown Clay Reaction Load: 8 Tonne Excavator

Material Class: Formation Weather: Dry
Layer: 0.3 BGL Plate Diameter (mm): 300

Condition: The results apply only to the location tested and the material was tested in an 'as found' condition

Test Results

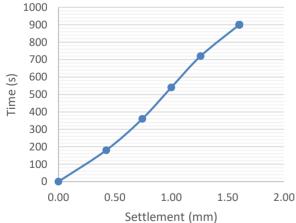
Time, s	Settlement, mm	Plate Stress, kPa
0	0.00	22
180	0.42	46
360	0.74	59
540	1.00	71
720	1.26	84
900	1.60	94

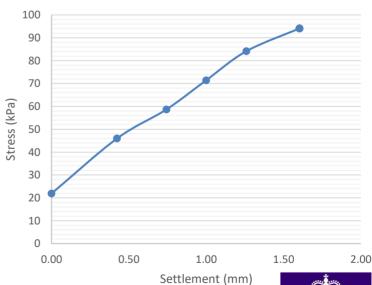
Maximum Applied Stress (kPa):	94
Maximum Settlement (mm):	1.60
Equivalent CBR Value (%):	3
Modulus of Subgrade Reaction, k ₇₆₂ (MN/m ² /m):	30

Note: Supplemental test method, calculation of Nominal CBR Value and Modulus of Subgrade Reaction: IAN 73/06 revision 1 (2009), HD 25/94 (withdrawn)

Settlement/Stress

Settlement/Time 80





For and on behalf of Hixtra Ltd

Kevin Shorthouse Authorised signatory







Report No: 11052-2 Report Date: 15/01/2024

Client: Geotron UK Ltd

Address: Unit E201B, Warmco Industry Park,

Eastgate Mossley OL5 9AY

Site: Station Road, Walmer, Deal, CT14 9JN

Test Details

Test Location: CBR 02 Date of Test: 15/01/2024

Description: Chalky Brown Clay Reaction Load: 8 Tonne Excavator

Material Class: Formation Weather: Dry Layer: 0.3 BGL Plate Diameter (mm): 300 Condition: The results apply only to the location tested and the material was tested in an 'as found' condition

Test Results

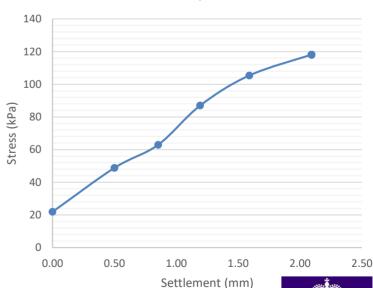
Time, s	Settlement, mm	Plate Stress, kPa
0	0.00	22
180	0.50	49
360	0.85	63
540	1.19	87
720	1.59	105
900	2.09	118

Maximum Applied Stress (kPa):	118
Maximum Settlement (mm):	2.09
Equivalent CBR Value (%):	4
Modulus of Subgrade Reaction, k ₇₆₂ (MN/m²/m):	32

Note: Supplemental test method, calculation of Nominal CBR Value and Modulus of Subgrade Reaction: IAN 73/06 revision 1 (2009), HD 25/94 (withdrawn)

Settlement/Stress





For and on behalf of Hixtra Ltd

Kevin Shorthouse Authorised signatory







Report No: 11052-3 Report Date: 15/01/2024

Client: Geotron UK Ltd

Address: Unit E201B, Warmco Industry Park,

Eastgate Mossley OL5 9AY

Site: Station Road, Walmer, Deal, CT14 9JN

Test Details

Test Location: CBR 03 Date of Test: 15/01/2024

Description: Chalky Brown Clay Reaction Load: 8 Tonne Excavator

Material Class: Formation Weather: Dry
Layer: 0.3 BGL Plate Diameter (mm): 300

Condition: The results apply only to the location tested and the material was tested in an 'as found' condition

Test Results

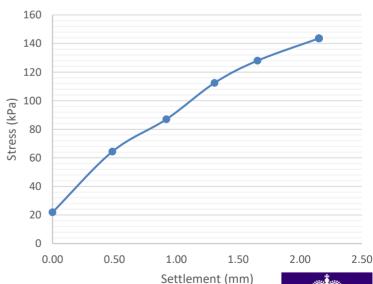
Time, s	Settlement, mm	Plate Stress, kPa
0	0.00	22
180	0.48	64
360	0.92	87
540	1.31	112
720	1.66	128
900	2.15	144

Maximum Applied Stress (kPa):	144
Maximum Settlement (mm):	2.15
Equivalent CBR Value (%):	5
Modulus of Subgrade Reaction, k ₇₆₂ (MN/m²/m):	38

Note: Supplemental test method, calculation of Nominal CBR Value and Modulus of Subgrade Reaction: IAN 73/06 revision 1 (2009), HD 25/94 (withdrawn)

Settlement/Stress





For and on behalf of Hixtra Ltd

Kevin Shorthouse Authorised signatory



8996





Report No: 11052-4 Report Date: 15/01/2024

Client: Geotron UK Ltd

Address: Unit E201B, Warmco Industry Park,

Eastgate Mossley OL5 9AY

Site: Station Road, Walmer, Deal, CT14 9JN

Test Details

Test Location: CBR 04 Date of Test: 15/01/2024

Description: Chalky Brown Clay Reaction Load: 8 Tonne Excavator

Material Class: Formation Weather: Dry
Layer: 0.3 BGL Plate Diameter (mm): 300

Condition: The results apply only to the location tested and the material was tested in an 'as found' condition

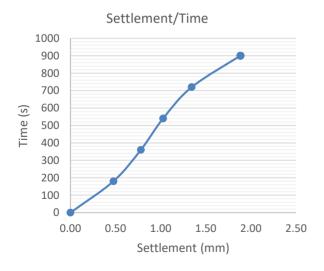
Test Results

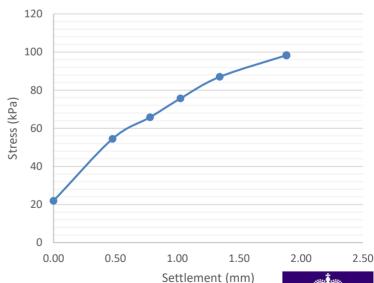
Time, s	Settlement, mm	Plate Stress, kPa
0	0.00	22
180	0.48	54
360	0.78	66
540	1.03	76
720	1.34	87
900	1.88	98

Maximum Applied Stress (kPa):	98
Maximum Settlement (mm):	1.88
Equivalent CBR Value (%):	3
Modulus of Subgrade Reaction, k ₇₆₂ (MN/m²/m):	30

Note: Supplemental test method, calculation of Nominal CBR Value and Modulus of Subgrade Reaction: IAN 73/06 revision 1 (2009), HD 25/94 (withdrawn)

Settlement/Stress





For and on behalf of Hixtra Ltd

Kevin Shorthouse Authorised signatory







Report No: 11052-5 Report Date: 15/01/2024

Client: Geotron UK Ltd

Address: Unit E201B, Warmco Industry Park,

Eastgate Mossley OL5 9AY

Site: Station Road, Walmer, Deal, CT14 9JN

Test Details

Test Location: CBR 05 Date of Test: 15/01/2024

Description: Chalky Brown Clay Reaction Load: 8 Tonne Excavator

Material Class: Formation Weather: Dry

Layer: 0.3 BGL Plate Diameter (mm): 300 Condition: The results apply only to the location tested and the material was tested in an 'as found' condition

Test Results

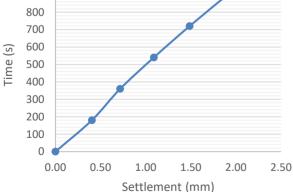
Time, s	Settlement, mm	Plate Stress, kPa
0	0.00	22
180	0.40	60
360	0.72	80
540	1.09	98
720	1.49	115
900	1.91	138

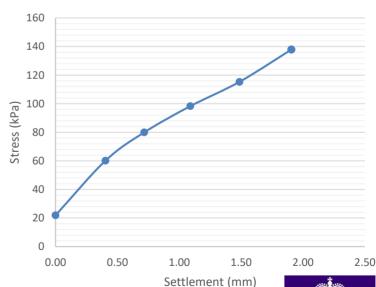
Maximum Applied Stress (kPa):	138
Maximum Settlement (mm):	1.91
Equivalent CBR Value (%):	5
Modulus of Subgrade Reaction, k ₇₆₂ (MN/m ² /m):	37

Note: Supplemental test method, calculation of Nominal CBR Value and Modulus of Subgrade Reaction: IAN 73/06 revision 1 (2009), HD 25/94 (withdrawn)

Settlement/Stress

Settlement/Time 1000 900 800 700





For and on behalf of Hixtra Ltd

Kevin Shorthouse Authorised signatory



8996



Appendix H Laboratory Geochemical Testing Results



FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 24/00382

Issue Number: 1 **Date:** 30 January, 2024

Client: Wardell Armstrong (Bolton)

41-50 Futura Park

Aspinall Way Middlebrook

Bolton Lancashire

UK

BL6 6SU

Project Manager: Fay Lawrence/George Huck

Project Name:
Project Ref:
Order No:
Date Samples Received:
Date Instructions Received:
Date Analysis Completed:
Deal, Kent
GM12741

GM5487

11/01/24

16/01/24

30/01/24

Approved by:

Gemma Berrisford

Deputy Client Services Supervisor





					Onem i roj	ect Ref. Gi				
Lab Sample ID	24/00382/1	24/00382/2	24/00382/3	24/00382/4	24/00382/5	24/00382/6	24/00382/7			
Client Sample No										
Client Sample ID	TP14	TP14	TP15	TP16	TP19	TP19	TP20			
Depth to Top	0.20	0.50	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom									tion	
Date Sampled	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24		Limit of Detection	eĘ
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	s s	t of D	Method ref
Sample Matrix Code	3	4AE	4A	3A	4AE	4E	4AE	Units	Limi	Meth
% Stones >10mm _A	<0.1	<0.1	<0.1	2.4	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	8.04	7.86	7.87	7.85	7.78	7.94	8.00	рН	0.01	A-T-031s
Sulphate (water sol 2:1) _D M#	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	g/l	0.01	A-T-026s
Organic Matter _D ^{M#}	0.9	2.5	2.6	2.0	3.6	1.6	1.0	% w/w	0.1	A-T-032s
Total Organic Carbon _D ^{M#}	0.53	1.48	1.49	1.18	2.06	0.93	0.58	% w/w	0.03	A-T-032s
Arsenic _D ^{M#}	1	3	3	2	3	2	<1	mg/kg	1	A-T-024s
Cadmium _D ^{M#}	0.5	0.6	0.7	0.6	0.6	<0.5	<0.5	mg/kg	0.5	A-T-024s
Copper _D M#	8	16	16	11	15	12	7	mg/kg	1	A-T-024s
Chromium _D ^{M#}	18	22	22	19	21	22	22	mg/kg	1	A-T-024s
Lead _D ^{M#}	11	39	39	29	38	22	10	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#}	12	16	16	12	15	14	14	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#}	29	47	48	37	43	35	36	mg/kg	5	A-T-024s



Lab Sample ID	24/00382/1	24/00382/2	24/00382/3	24/00382/4	24/00382/5	24/00382/6	24/00382/7			
Client Sample No										
Client Sample ID	TP14	TP14	TP15	TP16	TP19	TP19	TP20			
Depth to Top	0.20	0.50	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom									t of Detection	
Date Sampled	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24			Je e
Sample Type	SOIL	s		Method ref						
Sample Matrix Code	3	4AE	4A	3A	4AE	4E	4AE	Units	Limit	Meth
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D #	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	N/A			A-T-045



						ect Ref. Gi				
Lab Sample ID	24/00382/1	24/00382/2	24/00382/3	24/00382/4	24/00382/5	24/00382/6	24/00382/7			
Client Sample No										
Client Sample ID	TP14	TP14	TP15	TP16	TP19	TP19	TP20			
Depth to Top	0.20	0.50	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom									tion	
Date Sampled	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24		Limit of Detection	e
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	s	t of D	Method ref
Sample Matrix Code	3	4AE	4A	3A	4AE	4E	4AE	Units	Limi	Meth
PAH-16MS										
Acenaphthene _A ^{M#}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	<0.01	0.01	<0.01	<0.01	0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	<0.02	0.04	<0.02	<0.02	0.02	<0.02	<0.02	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	0.09	0.22	0.06	0.06	0.25	<0.04	<0.04	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.07	0.20	0.06	0.07	0.27	<0.04	<0.04	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	0.09	0.23	<0.05	0.06	0.26	<0.05	<0.05	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	<0.05	0.09	<0.05	<0.05	0.20	<0.05	<0.05	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A M#	<0.07	0.10	<0.07	<0.07	0.11	<0.07	<0.07	mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	0.10	0.27	<0.06	0.08	0.31	<0.06	<0.06	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	0.15	0.43	<0.08	0.11	0.40	<0.08	<0.08	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.04	0.11	0.05	0.06	0.24	<0.03	<0.03	mg/kg	0.03	A-T-019s
Naphthalene A ^{M#}	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	0.05	0.17	<0.03	0.04	0.14	<0.03	<0.03	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	0.12	0.35	<0.07	0.08	0.35	<0.07	<0.07	mg/kg	0.07	A-T-019s
Total PAH-16MS _A	0.71	2.22	0.17	0.56	2.56	<0.08	<0.08	mg/kg	0.01	A-T-019s



						cot itel. Of				
Lab Sample ID	24/00382/1	24/00382/2	24/00382/3	24/00382/4	24/00382/5	24/00382/6	24/00382/7			
Client Sample No										
Client Sample ID	TP14	TP14	TP15	TP16	TP19	TP19	TP20			
Depth to Top	0.20	0.50	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom									ion	
Date Sampled	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24		of Detection	Ę.
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	s s	t of D	Method ref
Sample Matrix Code	3	4AE	4A	3A	4AE	4E	4AE	Units	Limit	Meth
Speciated PCB-EC7										
PCB BZ 28 _A ^{M#}	-	-	-	<0.003	-	-	-	mg/kg	0.003	A-T-004s
PCB BZ 52 _A ^{M#}	-	-	-	<0.002	-	-	-	mg/kg	0.002	A-T-004s
PCB BZ 101 _A M#	-	-	-	<0.004	-		-	mg/kg	0.004	A-T-004s
PCB BZ 118 _A M#	-	-	-	<0.007	-		-	mg/kg	0.007	A-T-004s
PCB BZ 138 _A M#	-	-	-	<0.006	-	•	-	mg/kg	0.006	A-T-004s
PCB BZ 153 _A M#	-	-	-	<0.004	-	-	-	mg/kg	0.004	A-T-004s
PCB BZ 180 _A ^{M#}	-	-	-	<0.004	-	-	-	mg/kg	0.004	A-T-004s
Total Speciated PCB-EC7 _A ^{M#}	-	-	-	<0.007	-	-	-	mg/kg	0.003	A-T-004s



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Lab Sample ID	24/00382/1	24/00382/2	24/00382/3	24/00382/4	24/00382/5	24/00382/6	24/00382/7			
Client Sample No										
Client Sample ID	TP14	TP14	TP15	TP16	TP19	TP19	TP20			
Depth to Top	0.20	0.50	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom									ion	
Date Sampled	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24		etect	ef
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	,	Limit of Detection	Method ref
Sample Matrix Code	3	4AE	4A	3A	4AE	4E	4AE	Units	Ë	Meth
TPH CWG with Clean Up										
Ali >C5-C6 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<1	<1	<1	<1	<1	<1		mg/kg	1	A-T-055s
Ali >C10-C12AM#	<1	<1	<1	<1	<1	<1	-	mg/kg	1	A-T-055s
Ali >C12-C16AM#	<1	<1	<1	<1	<1	<1	-	mg/kg	1	A-T-055s
Ali >C16-C21A ^{M#}	<1	<1	<1	<1	<1	<1		mg/kg	1	A-T-055s
Ali >C21-C35AM#	2	4	2	2	4	<1	-	mg/kg	1	A-T-055s
Total Aliphatics _A	2	4	2	2	4	<1		mg/kg	1	Calc-As Recd
Aro >C5-C7 _A #	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	•	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A #	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	•	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<1	<1	<1	<1	<1	<1	•	mg/kg	1	A-T-055s
Aro >C10-C12 _A	<1	<1	<1	<1	<1	<1	-	mg/kg	1	A-T-055s
Aro >C12-C16 _A	<1	<1	<1	<1	<1	<1	-	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	1	2	<1	1	2	<1	•	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	6	15	5	5	14	1	•	mg/kg	1	A-T-055s
Total Aromatics _A	7	17	5	6	16	1	•	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	10	21	7	8	20	1	•	mg/kg	1	Calc-As Recd
BTEX - Benzene _A #	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
BTEX - Toluene _A #	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A #	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A #	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A #	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
MTBE _A #	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s



					Onemer 10	ect Ref. Gi				
Lab Sample ID	24/00382/8	24/00382/9	24/00382/10	24/00382/11	24/00382/12	24/00382/13	24/00382/14			
Client Sample No										
Client Sample ID	TP22	TP24	TP24	TP25	TP27	TP30	TP32			
Depth to Top	0.10	0.10	0.50	0.20	0.10	0.10	0.50			
Depth To Bottom									tion	
Date Sampled	10-Jan-24	09-Jan-24	09-Jan-24	09-Jan-24	10-Jan-24	09-Jan-24	09-Jan-24		etec	e
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	s	Limit of Detection	Method ref
Sample Matrix Code	4AE	4A	3A	3A	3A	4A	4A	Units	Limi	Meth
% Stones >10mm _A	3.9	<0.1	<0.1	<0.1	<0.1	<0.1	3.5	% w/w	0.1	A-T-044
pH _D ^{M#}	7.87	8.04	8.10	7.93	7.96	7.77	7.83	рН	0.01	A-T-031s
Sulphate (water sol 2:1) _D M#	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	g/l	0.01	A-T-026s
Organic Matter _D ^{M#}	4.2	1.3	0.6	2.5	2.1	2.1	1.5	% w/w	0.1	A-T-032s
Total Organic Carbon _D ^{M#}	2.48	0.74	0.35	1.47	1.24	1.25	0.92	% w/w	0.03	A-T-032s
Arsenic _D ^{M#}	3	<1	<1	2	2	2	<1	mg/kg	1	A-T-024s
Cadmium _D ^{M#}	0.6	0.5	<0.5	0.5	0.5	0.6	0.6	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	17	7	5	14	11	13	10	mg/kg	1	A-T-024s
Chromium _D ^{M#}	18	24	17	21	21	23	22	mg/kg	1	A-T-024s
Lead _D ^{M#}	51	10	6	33	25	29	12	mg/kg	1	A-T-024s
Mercury _D	0.29	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	12	16	11	14	12	15	15	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#}	46	38	23	41	37	43	41	mg/kg	5	A-T-024s



Lab Sample ID	24/00382/8	24/00382/9	24/00382/10	24/00382/11	24/00382/12	24/00382/13	24/00382/14			
Client Sample No										
Client Sample ID	TP22	TP24	TP24	TP25	TP27	TP30	TP32			
Depth to Top	0.10	0.10	0.50	0.20	0.10	0.10	0.50			
Depth To Bottom									tion	
Date Sampled	10-Jan-24	09-Jan-24	09-Jan-24	09-Jan-24	10-Jan-24	09-Jan-24	09-Jan-24		Detection	₽
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	s		Method ref
Sample Matrix Code	4AE	4A	3A	3A	3A	4A	4A	Units	Limit of	Meth
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D #	NAD	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	N/A			A-T-045



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Lab Sample ID	24/00382/8	24/00382/9	24/00382/10	24/00382/11	24/00382/12	24/00382/13	24/00382/14			
Client Sample No										
Client Sample ID	TP22	TP24	TP24	TP25	TP27	TP30	TP32			
Depth to Top	0.10	0.10	0.50	0.20	0.10	0.10	0.50			
Depth To Bottom									tion	
Date Sampled	10-Jan-24	09-Jan-24	09-Jan-24	09-Jan-24	10-Jan-24	09-Jan-24	09-Jan-24		etec	Đ.
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	s	Limit of Detection	Method ref
Sample Matrix Code	4AE	4A	3A	3A	3A	4A	4A	Units	Limi	Meth
PAH-16MS										
Acenaphthene _A ^{M#}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.02	<0.01	<0.01	<0.01	0.01	0.01	<0.01	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	mg/kg	0.02	A-T-019s
Benzo(a)anthracene ^{M#}	0.32	<0.04	<0.04	0.12	0.22	0.20	<0.04	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.37	<0.04	<0.04	0.13	0.25	0.23	<0.04	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	0.33	<0.05	<0.05	0.12	0.22	0.21	<0.05	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.25	<0.05	<0.05	0.10	0.17	0.17	<0.05	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	0.17	<0.07	<0.07	<0.07	0.10	0.09	<0.07	mg/kg	0.07	A-T-019s
Chrysene _A M#	0.39	<0.06	<0.06	0.16	0.27	0.23	<0.06	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	0.06	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	0.50	<0.08	<0.08	0.22	0.33	0.31	<0.08	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.29	<0.03	<0.03	0.12	0.20	0.20	<0.03	mg/kg	0.03	A-T-019s
Naphthalene A ^{M#}	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	0.15	<0.03	<0.03	0.09	0.10	0.11	<0.03	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	0.44	<0.07	<0.07	0.20	0.30	0.26	<0.07	mg/kg	0.07	A-T-019s
Total PAH-16MS _A	3.33	<0.08	<0.08	1.26	2.17	2.02	<0.08	mg/kg	0.01	A-T-019s



					Client Pro	ect Ref: Gl	VI12/41			
Lab Sample ID	24/00382/8	24/00382/9	24/00382/10	24/00382/11	24/00382/12	24/00382/13	24/00382/14			
Client Sample No										
Client Sample ID	TP22	TP24	TP24	TP25	TP27	TP30	TP32			
Depth to Top	0.10	0.10	0.50	0.20	0.10	0.10	0.50			
Depth To Bottom									ion	
Date Sampled	10-Jan-24	09-Jan-24	09-Jan-24	09-Jan-24	10-Jan-24	09-Jan-24	09-Jan-24		Limit of Detection	*
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	,	t of D	Method ref
Sample Matrix Code	4AE	4A	3A	3A	3A	4A	4A	Units	Limit	Meth
TPH CWG with Clean Up										
Ali >C5-C6A	-	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	-	0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	-	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Ali >C10-C12 _A M#	-	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	-	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Ali >C16-C21 _A M#	-	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Ali >C21-C35 _A M#	-	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Total Aliphatics _A	-	<1	<1	-	-	-	-	mg/kg	1	Calc-As Recd
Aro >C5-C7 _A #	-	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A #	-	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	-	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Aro >C10-C12 _A	-	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Aro >C12-C16 _A	-	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Aro >C16-C21 _A M#	-	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Aro >C21-C35 _A M#	-	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Total Aromatics _A	-	<1	<1	-	-	-	-	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35)A	-	<1	<1	-	-	-	-	mg/kg	1	Calc-As Recd
BTEX - Benzene _A #	-	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
BTEX - Toluene _A #	-	<0.01	<0.01	-	-		-	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A #	-	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A #	-	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A #	-	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
MTBE _A #	-	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s



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Lab Sample ID	24/00382/15	24/00382/16	24/00382/17	24/00382/18	24/00382/19	24/00382/20	24/00382/21			
Client Sample No										
Client Sample ID	TP35	TP36	TP01	TP02	TP04	TP04	TP05			
Depth to Top	0.10	0.50	0.20	0.10	0.20	0.40	0.20			
Depth To Bottom									ion	
Date Sampled	09-Jan-24	10-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24		Limit of Detection	- Je
Sample Type	SOIL	s	t of [Method ref						
Sample Matrix Code	4A	3A	3A	4A	4A	3A	4A	Units	Ë	Meth
% Stones >10mm _A	<0.1	0.8	<0.1	<0.1	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	7.95	7.96	7.78	7.79	7.91	8.20	7.93	pН	0.01	A-T-031s
Sulphate (water sol 2:1) _D ^{M#}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	g/l	0.01	A-T-026s
Organic Matter _D ^{M#}	2.9	0.7	2.8	5.4	1.8	1.0	5.7	% w/w	0.1	A-T-032s
Total Organic Carbon _D ^{M#}	1.68	0.43	1.63	3.13	1.03	0.57	3.30	% w/w	0.03	A-T-032s
Arsenic _D ^{M#}	3	2	2	3	1	<1	5	mg/kg	1	A-T-024s
Cadmium _D ^{M#}	<0.5	<0.5	0.6	0.6	0.6	<0.5	0.7	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	17	9	13	17	10	5	19	mg/kg	1	A-T-024s
Chromium _D ^{M#}	20	20	16	16	15	8	18	mg/kg	1	A-T-024s
Lead _D ^{M#}	43	13	45	65	19	12	135	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#}	15	14	11	11	10	6	14	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#}	44	31	41	47	34	21	53	mg/kg	5	A-T-024s



Lab Sample ID	24/00382/15	24/00382/16	24/00382/17	24/00382/18	24/00382/19	24/00382/20	24/00382/21			
Client Sample No										
Client Sample ID	TP35	TP36	TP01	TP02	TP04	TP04	TP05			
Depth to Top	0.10	0.50	0.20	0.10	0.20	0.40	0.20			
Depth To Bottom									tion	
Date Sampled	09-Jan-24	10-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24		Detection	e
Sample Type	SOIL	v	₽	Method ref						
Sample Matrix Code	4A	3A	3A	4A	4A	3A	4A	Units	Limit	Meth
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D #	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	N/A			A-T-045



					Olicini i ioj	ject Ref: Gi	1112171			
Lab Sample ID	24/00382/15	24/00382/16	24/00382/17	24/00382/18	24/00382/19	24/00382/20	24/00382/21			
Client Sample No										
Client Sample ID	TP35	TP36	TP01	TP02	TP04	TP04	TP05			
Depth to Top	0.10	0.50	0.20	0.10	0.20	0.40	0.20			
Depth To Bottom									ion	
Date Sampled	09-Jan-24	10-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24		Limit of Detection	76
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		t of D	Method ref
Sample Matrix Code	4A	3A	3A	4A	4A	3A	4A	Units	Limi	Meth
PAH-16MS										
Acenaphthene _A ^{M#}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.01	0.02	<0.01	0.02	<0.01	<0.01	0.01	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.02	<0.02	<0.02	0.04	<0.02	<0.02	0.04	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	0.34	0.17	0.11	0.31	0.11	0.12	0.27	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.37	0.24	0.14	0.37	0.12	0.12	0.32	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	0.34	0.23	0.12	0.35	0.11	0.09	0.30	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.28	0.24	0.11	0.29	0.09	0.06	0.24	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A M#	0.13	0.10	<0.07	0.15	<0.07	<0.07	0.12	mg/kg	0.07	A-T-019s
Chrysene _A M#	0.40	0.22	0.15	0.41	0.15	0.13	0.35	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	0.06	<0.04	<0.04	0.06	<0.04	<0.04	0.05	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	0.54	0.22	0.17	0.50	0.18	0.20	0.47	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A M#	0.31	0.26	0.11	0.32	0.10	0.08	0.27	mg/kg	0.03	A-T-019s
Naphthalene A ^{M#}	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	0.17	0.05	0.06	0.16	0.06	0.09	0.20	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	0.48	0.22	0.16	0.42	0.16	0.17	0.41	mg/kg	0.07	A-T-019s
Total PAH-16MS _A	3.45	1.97	1.13	3.40	1.08	1.06	3.05	mg/kg	0.01	A-T-019s



Lab Sample ID	24/00382/15	24/00382/16	24/00382/17	24/00382/18	24/00382/19	24/00382/20	24/00382/21			
Client Sample No										
Client Sample ID	TP35	TP36	TP01	TP02	TP04	TP04	TP05			
Depth to Top	0.10	0.50	0.20	0.10	0.20	0.40	0.20			
Depth To Bottom									ion	
Date Sampled	09-Jan-24	10-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24		eteci	je
Sample Type	SOIL	s s	Limit of Detection	Method ref						
Sample Matrix Code	4A	3A	3A	4A	4A	3A	4A	Units	Limi	Meth
Speciated PCB-EC7										
PCB BZ 28 _A ^{M#}	-	-	-	-	<0.003	<0.003	-	mg/kg	0.003	A-T-004s
PCB BZ 52 _A ^{M#}	-	-	-	-	<0.002	<0.002	-	mg/kg	0.002	A-T-004s
PCB BZ 101 _A M#	-	-	-	-	<0.004	<0.004	-	mg/kg	0.004	A-T-004s
PCB BZ 118 _A ^{M#}	-	-	-	-	<0.007	<0.007	-	mg/kg	0.007	A-T-004s
PCB BZ 138 _A M#	-	-	-	-	<0.006	<0.006	-	mg/kg	0.006	A-T-004s
PCB BZ 153 _A M#	-	-	-	-	<0.004	<0.004	-	mg/kg	0.004	A-T-004s
PCB BZ 180 _A ^{M#}	-	-	-	-	<0.004	<0.004	-	mg/kg	0.004	A-T-004s
Total Speciated PCB-EC7 _A ^{M#}	-	-	-	-	<0.007	<0.007	-	mg/kg	0.003	A-T-004s



Cilent Sample No						Onemer 10,	ect Ret: Gi				
Dignate Sample D	Lab Sample ID	24/00382/15	24/00382/16	24/00382/17	24/00382/18	24/00382/19	24/00382/20	24/00382/21			
Depth to Top	Client Sample No										
Depth To Bottom Depth To B	Client Sample ID	TP35	TP36	TP01	TP02	TP04	TP04	TP05			
PH CWG with Clean Up All >C5-C6A,	Depth to Top	0.10	0.50	0.20	0.10	0.20	0.40	0.20			
PH CWG with Clean Up All >C5-C6A,	Depth To Bottom									ion	
PH CWG with Clean Up All >C5-C6A,	Date Sampled	09-Jan-24	10-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24		eteci	75
PH CWG with Clean Up All >C5-C6A,	Sample Type	SOIL	s	t of D	od re						
All >C5-C6A,	Sample Matrix Code	4A	3A	3A	4A	4A	3A	4A	Unit	Limi	Meth
All > C-C-C-C-L-A ^M All > C-C-C-A ^M All > C-C-C-A ^M All > C-C-C-A ^M All > C-C-C-A ^M All > C-C-C-C-A A A ^M All > C-C-C-C-C-C-A ^M All > C-C-C-C-C-C-A ^M All > C-C-C-C-C-C-A ^M All > C-C-C-C-C-C-C-A ^M All > C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C	TPH CWG with Clean Up										
A C-6C-10 A C-1 C-1 mg/kg 1 A T-6658 A A C-10C-12 A A A C-10C-12 A A A A A A A A A	Ali >C5-C6A	-	-	-	-	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C10-C12A ^{MS} Ali >C10-C12A ^{MS} Ali >C10-C12A ^{MS} Ali >C10-C12A ^{MS} Ali >C10-C12A ^{MS} Ali >C10-C12A ^{MS} Ali >C10-C12A ^{MS} Ali >C10-C16A ^{MS} Ali >C10-C16A ^{MS} Ali >C10-C16A ^{MS} Ali >C10-C16A ^{MS} Ali >C10-C12A ^{MS} Ali >C10-C12A ^{MS} Ali >C10-C12A ^{MS} Ali >C21-C35A ^{MS} Ali >C10-C12A Ali >C1	Ali >C6-C8 _A		-	-	-	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali > C12-C16, Mar	Ali >C8-C10 _A		-	-	-	<1	<1	<1	mg/kg	1	A-T-055s
Ali >C16-C21 _A Ms	Ali >C10-C12AM#		-	-	-	<1	<1	<1	mg/kg	1	A-T-055s
Ali > C21-C35A ^{MB} 1 1 1 4 mg/kg 1 AT-055s Fotal Aliphatics _A 1 1 1 4 mg/kg 1 Cate-As Recol Aro > C5-C7A ^g	Ali >C12-C16AM#	-	-	-	-	<1	<1	<1	mg/kg	1	A-T-055s
Cotal Aliphatics Cotal Ali	Ali >C16-C21AM#	-	-	-	-	<1	<1	<1	mg/kg	1	A-T-055s
Aro >C5-C7a ²	Ali >C21-C35 _A M#	-	-	-	-	1	1	4	mg/kg	1	A-T-055s
Aro > C7-C8 _A [#]	Total Aliphatics _A	-	-	-	-	1	1	4	mg/kg	1	Calc-As Recd
Aro >C8-C10A	Aro >C5-C7 _A #		-	-	-	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C10-C12A	Aro >C7-C8 _A #		-	-	-	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C12-C16 _A	Aro >C8-C10A		-	-	-	<1	<1	<1	mg/kg	1	A-T-055s
Aro >C16-C21a ^{M#}	Aro >C10-C12 _A	-			-	<1	<1	<1	mg/kg	1	A-T-055s
Aro > C21-C35 _A M# 2 4 17 mg/kg 1 A-T-055s Total Aromatics _A 2 4 21 mg/kg 1 Calc-As Recd TPH (Ali & Aro > C5-C35) _A 4 5 25 mg/kg 1 Calc-As Recd BTEX - Benzene _A #	Aro >C12-C16 _A		-	-	-	<1	<1	<1	mg/kg	1	A-T-055s
Total Aromaticsa	Aro >C16-C21 _A M#		-	-	-	<1	<1	4	mg/kg	1	A-T-055s
IPH (All & Aro > C5-C35) _A - - - 4 5 25 mg/kg 1 Calc-As Recd BTEX - Benzene _A # - - - - - - - - - 0.01 <0.01	Aro >C21-C35 _A M#	-			-	2	4	17	mg/kg	1	A-T-055s
BTEX - Benzene _A #	Total Aromatics _A	-	•	•	-	2	4	21	mg/kg	1	Calc-As Recd
BTEX - Toluenea# <0.01 <0.01	TPH (Ali & Aro >C5-C35)A	-	-	-	-	4	5	25	mg/kg	1	Calc-As Recd
BTEX - Ethyl Benzene _A # <0.01 <0.01 mg/kg 0.01 A-T-022s	BTEX - Benzene [#]	-	-	-	-	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
SIEX Early Schedule	BTEX - Toluene _A #	-	-	-	-	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A # <0.01 <0.01 mg/kg 0.01 A-T-022s	BTEX - Ethyl Benzene _A #	-	-	-	-	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
	BTEX - m & p Xylene _A #	-	-	-	-	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A # <0.01 <0.01 mg/kg 0.01 A-T-022s	BTEX - o Xylene [#]	-	-	-	-	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
MTBE _A # <0.01 <0.01 mg/kg 0.01 A-T-022s	MTBE _A #	-	-	-	-	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s



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Lab Sample ID	24/00382/22	24/00382/23	24/00382/24	24/00382/25	24/00382/26	24/00382/27	24/00382/28			
Client Sample No										
Client Sample ID	TP06	TP08	TP08	TP10	TP10	TP11	TP12			
Depth to Top	0.50	0.10	0.50	0.20	0.50	0.20	0.10			
Depth To Bottom									tion	
Date Sampled	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	12-Jan-24	12-Jan-24		Limit of Detection	e.
Sample Type	SOLID	SOIL	SOLID	SOIL	SOIL	SOIL	SOIL	v	t of 🗅	Method ref
Sample Matrix Code	7	4A	7	4AE	4AE	4AE	4AE	Units	Limi	Meth
% Stones >10mm _A	<0.1	<0.1	<0.1	0.6	<0.1	0.8	10.1	% w/w	0.1	A-T-044
pH _D ^{M#}	8.95 ^U	8.07	9.07 ^U	8.01	7.99	7.94	8.00	рН	0.01	A-T-031s
Sulphate (water sol 2:1) _D ^{M#}	<0.01 ^U	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	<0.01	g/I	0.01	A-T-026s
Organic Matter _D ^{M#}	<0.1 ^U	1.8	0.7 ^U	3.3	2.1	2.3	3.5	% w/w	0.1	A-T-032s
Total Organic Carbon _D ^{M#}	0.05 ^U	1.05	0.42 ^U	1.88	1.20	1.33	2.05	% w/w	0.03	A-T-032s
Arsenic _D ^{M#}	<1 ^U	2	<1 ^U	2	2	2	3	mg/kg	1	A-T-024s
Cadmium _D ^{M#}	<0.5 ^U	0.6	<0.5 ^U	0.6	0.6	<0.5	0.5	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	<1 ^U	9	<1 ^U	13	10	10	13	mg/kg	1	A-T-024s
Chromium _D ^{M#}	2 ^U	10	2 ^U	15	13	17	15	mg/kg	1	A-T-024s
Lead _D ^{M#}	<1 ^U	28	<1 ^U	40	26	19	37	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#}	2 ^U	7	1 ^U	10	9	13	11	mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1 ^U	<1	<1 ^U	<1	<1	<1	<1	mg/kg	1	A-T-024s
Zinc _D ^{M#}	12 ^U	28	13 ^U	45	33	34	39	mg/kg	5	A-T-024s



						,				
Lab Sample ID	24/00382/22	24/00382/23	24/00382/24	24/00382/25	24/00382/26	24/00382/27	24/00382/28			
Client Sample No										
Client Sample ID	TP06	TP08	TP08	TP10	TP10	TP11	TP12			
Depth to Top	0.50	0.10	0.50	0.20	0.50	0.20	0.10			
Depth To Bottom									tion	
Date Sampled	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	12-Jan-24	12-Jan-24		Detection	et
Sample Type	SOLID	SOIL	SOLID	SOIL	SOIL	SOIL	SOIL	s	of	Method ref
Sample Matrix Code	7	4A	7	4AE	4AE	4AE	4AE	Units	Limit	Meth
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D #	NAD ^U	NAD	NAD ^U	NAD	NAD	NAD	NAD			A-T-045
Asbestos Matrix (visual) _D	-	-	-	-	-	-	-			A-T-045
Asbestos Matrix (microscope) _□	-	-	-	-	-	-	-			A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	N/A	N/A	N/A	N/A	N/A			A-T-045



						ect Ref. Gi				
Lab Sample ID	24/00382/22	24/00382/23	24/00382/24	24/00382/25	24/00382/26	24/00382/27	24/00382/28			
Client Sample No										
Client Sample ID	TP06	TP08	TP08	TP10	TP10	TP11	TP12			
Depth to Top	0.50	0.10	0.50	0.20	0.50	0.20	0.10			
Depth To Bottom									ion	
Date Sampled	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	12-Jan-24	12-Jan-24		Limit of Detection	} €
Sample Type	SOLID	SOIL	SOLID	SOIL	SOIL	SOIL	SOIL	s	t of D	Method ref
Sample Matrix Code	7	4A	7	4AE	4AE	4AE	4AE	Units	Li	Meth
PAH-16MS										
Acenaphthene _A ^{M#}	<0.01 ^U	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	<0.01 ^U	0.01	<0.01 ^U	0.01	<0.01	<0.01	0.01	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	<0.02 ^U	<0.02	<0.02 ^U	<0.02	<0.02	<0.02	0.02	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	<0.04 ^U	0.18	<0.04 ^U	0.18	0.11	<0.04	0.20	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	<0.04 ^U	0.22	<0.04 ^U	0.23	0.10	<0.04	0.24	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	<0.05 ^U	0.19	<0.05 ^U	0.21	0.09	<0.05	0.22	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	<0.05 ^U	0.17	<0.05 ^U	0.17	<0.05	<0.05	0.19	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	<0.07 ^U	<0.07	<0.07 ^U	0.10	<0.07	<0.07	0.10	mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	<0.06 ^U	0.24	<0.06 ^U	0.24	0.12	<0.06	0.26	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	<0.08 ^U	0.29	<0.08 ^U	0.27	0.23	<0.08	0.32	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	<0.01 ^U	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	<0.03 ^U	0.19	<0.03 ^U	0.20	0.06	<0.03	0.22	mg/kg	0.03	A-T-019s
Naphthalene A ^{M#}	<0.03 ^U	<0.03	<0.03 ^U	<0.03	<0.03	<0.03	<0.03	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	<0.03 ^U	0.10	<0.03 ^U	0.12	0.16	<0.03	0.10	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	<0.07 ^U	0.25	<0.07 ^U	0.22	0.18	<0.07	0.29	mg/kg	0.07	A-T-019s
Total PAH-16MS _A	<0.08 ^U	1.84	<0.08 ^U	1.95	1.05	<0.08	2.17	mg/kg	0.01	A-T-019s



24/00382/22	24/00382/23	24/00382/24	24/00382/25	24/00382/26	24/00382/27	24/00382/28			
TP06	TP08	TP08	TP10	TP10	TP11	TP12			
0.50	0.10	0.50	0.20	0.50	0.20	0.10			
								ion	
11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	12-Jan-24	12-Jan-24		eteci	JE
SOLID	SOIL	SOLID	SOIL	SOIL	SOIL	SOIL	s	οę	Method ref
7	4A	7	4AE	4AE	4AE	4AE	Unit	Limi	Meth
-	<0.003	<0.003 ^U	<0.003	<0.003	-	-	mg/kg	0.003	A-T-004s
-	<0.002	<0.002 ^U	<0.002	<0.002	-	-	mg/kg	0.002	A-T-004s
-	<0.004	<0.004 ^U	<0.004	<0.004	-	-	mg/kg	0.004	A-T-004s
-	<0.007	<0.007 ^U	<0.007	<0.007	-	-	mg/kg	0.007	A-T-004s
-	<0.006	<0.006 ^U	<0.006	<0.006	-	-	mg/kg	0.006	A-T-004s
-	<0.004	<0.004 ^U	<0.004	<0.004	-	-	mg/kg	0.004	A-T-004s
-	<0.004	<0.004 ^U	<0.004	<0.004	-	-	mg/kg	0.004	A-T-004s
-	<0.007	<0.007 ^U	<0.007	<0.007	-	-	mg/kg	0.003	A-T-004s
	TP06 0.50 11-Jan-24 SOLID 7	TP06 TP08 0.50 0.10 11-Jan-24 11-Jan-24 SOLID SOIL 7 4A - <0.003 - <0.002 - <0.004 - <0.006 - <0.004 - <0.004	TP06 TP08 TP08 0.50 0.10 0.50 11-Jan-24 11-Jan-24 11-Jan-24 SOLID SOIL SOLID 7 4A 7 - <0.003 <0.003 ^U - <0.002 <0.002 ^U - <0.004 <0.004 ^U - <0.006 <0.006 ^U - <0.004 <0.004 ^U - <0.004 <0.004 ^U - <0.004 <0.004 ^U - <0.004 <0.004 ^U	TP06 TP08 TP08 TP10 0.50 0.10 0.50 0.20 11-Jan-24 11-Jan-24 11-Jan-24 11-Jan-24 SOLID SOIL SOLID SOIL 7 4A 7 4AE - <0.003 <0.003 ^U <0.003 - <0.002 <0.002 ^U <0.002 - <0.004 <0.004 ^U <0.004 - <0.006 <0.006 ^U <0.006 - <0.004 <0.004 ^U <0.004 - <0.004 <0.004 ^U <0.004 - <0.004 <0.004 ^U <0.006 - <0.004 <0.004 ^U <0.004 - <0.004 <0.004 ^U <0.004	TP06 TP08 TP08 TP10 TP10 0.50 0.10 0.50 0.20 0.50 11-Jan-24 11-Jan-24 11-Jan-24 11-Jan-24 11-Jan-24 SOLID SOIL SOLID SOIL SOIL 7 4A 7 4AE 4AE - <0.003 <0.003 ^U <0.003 <0.003 - <0.002 <0.002 ^U <0.002 <0.002 - <0.004 <0.004 ^U <0.004 <0.004 - <0.006 <0.006 ^U <0.006 <0.006 - <0.004 <0.004 ^U <0.004 <0.004 - <0.004 <0.004 ^U <0.004 <0.006 - <0.004 <0.004 ^U <0.004 <0.006 - <0.004 <0.004 ^U <0.004 <0.004 - <0.004 <0.004 - <0.004 <0.004 ^U <0.004 <0.004	TP06 TP08 TP08 TP08 TP10 TP10 TP11 0.50 0.10 0.50 0.20 0.50 0.20 11-Jan-24 11-Jan-24 11-Jan-24 11-Jan-24 12-Jan-24 SOLID SOIL SOLID SOIL SOIL SOIL 7 4A 7 4AE 4AE 4AE - <0.003 <0.003 ^U <0.003 <0.003 - - <0.002 <0.002 ^U <0.002 <0.002 - - <0.004 <0.004 ^U <0.004 <0.004 - - <0.006 <0.006 ^U <0.006 <0.006 - - <0.004 <0.004 ^U <0.004 <0.004 - - <0.004 <0.004 - - <0.004 <0.004 ^U <0.004 <0.004 - - <0.004 <0.004 - - <0.004 <0.004 ^U <0.004 <0.004 - - <0.004 <0.004 - - <0.004 <0.004 ^U <0.004 <0.004 - - <0.004 <0.004 - - <0.004 <0.004 ^U <0.004 <0.004 - - <0.004 <0.004 - - <0.004 <0.004 ^U <0.004 <0.004 -	TP06 TP08 TP08 TP08 TP10 TP10 TP11 TP12 0.50 0.10 0.50 0.20 0.50 0.20 0.10 11-Jan-24 11-Jan-24 11-Jan-24 11-Jan-24 12-Jan-24 12-Jan-24 SOLID SOIL SOIL SOIL SOIL SOIL 7 4A 7 4AE 4AE 4AE 4AE 4AE - <	TP06 TP08 TP08 TP08 TP10 TP10 TP11 TP12 0.50 0.10 0.50 0.20 0.50 0.20 0.10 11-Jan-24 11-Jan-24 11-Jan-24 11-Jan-24 12-Jan-24 12-Jan-24 SOLID SOIL SOLID SOIL SOIL SOIL SOIL 7 4A 7 4AE 4AE 4AE 4AE 4AE 4AE - <0.003 <0.003 <0.003 <0.003 <0.003 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.004 <0.004 <0.004 <0.004 <0.007 <0.007 <0.007 <0.007 <0.007 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.00	TP06 TP08 TP08 TP08 TP10 TP10 TP11 TP12 0.50 0.10 0.50 0.20 0.50 0.20 0.10 11-Jan-24 11-Jan-24 11-Jan-24 11-Jan-24 12-Jan-24 12-Jan-24 SOLID SOIL SOIL SOIL SOIL SOIL SOIL 7 4A 7 4AE 4AE 4AE 4AE 4AE 4AE - <0.003 <0.003 <0.003 <0.003 <0.003 <0.003 <0.003 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.004 <0.004 <0.004 <0.004 <0.004 <0.004 <0.004 <0.004 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.004 <0.004 <0.004 <0.004 <0.004 <0.004 <0.004 <0.004 <0.004 <0.004 <0.004 <0.004 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006 <0.006



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Lab Sample ID	24/00382/22	24/00382/23	24/00382/24	24/00382/25	24/00382/26	24/00382/27	24/00382/28			
Client Sample No										
Client Sample ID	TP06	TP08	TP08	TP10	TP10	TP11	TP12			
Depth to Top	0.50	0.10	0.50	0.20	0.50	0.20	0.10			
Depth To Bottom									ion	
Date Sampled	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	11-Jan-24	12-Jan-24	12-Jan-24		etect	*
Sample Type	SOLID	SOIL	SOLID	SOIL	SOIL	SOIL	SOIL	10	Limit of Detection	Method ref
Sample Matrix Code	7	4A	7	4AE	4AE	4AE	4AE	Units	Lim	Meth
TPH CWG with Clean Up										
Ali >C5-C6 _A	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	-	<1	<1	<1	<1	<1	-	mg/kg	1	A-T-055s
Ali >C10-C12 _A M#	-	<1	<1 ^U	<1	<1	<1	-	mg/kg	1	A-T-055s
Ali >C12-C16 _A M#	-	<1	<1 ^U	<1	<1	<1	-	mg/kg	1	A-T-055s
Ali >C16-C21AM#	-	<1	<1 ^U	<1	<1	<1	-	mg/kg	1	A-T-055s
Ali >C21-C35 _A M#	-	3	<1 ^U	2	1	1	-	mg/kg	1	A-T-055s
Total Aliphatics _A	-	3	<1	2	1	1	-	mg/kg	1	Calc-As Recd
Aro >C5-C7 _A #	-	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A #	-	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
Aro >C8-C10A	-	<1	<1	<1	<1	<1	-	mg/kg	1	A-T-055s
Aro >C10-C12 _A	-	<1	<1	<1	<1	<1		mg/kg	1	A-T-055s
Aro >C12-C16 _A	-	<1	<1	<1	<1	<1	-	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	-	1	<1 ^U	1	<1	<1	-	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	-	9	<1 ^U	9	2	2		mg/kg	1	A-T-055s
Total Aromatics _A	-	10	<1	10	2	2	•	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35)A	-	13	<1	12	4	4	-	mg/kg	1	Calc-As Recd
BTEX - Benzene [#]	-	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
BTEX - Toluene _A #	-	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A #	-	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A #	-	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A #	-	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
MTBE _A #	-	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	-	mg/kg	0.01	A-T-022s



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Lab Sample ID	24/00382/29	24/00382/30	24/00382/31	24/00382/57	24/00382/58	24/00382/59	24/00382/60			
Client Sample No										
Client Sample ID	TP13	TP13	TP18	TP14	TP15	TP15	TP16			
Depth to Top	0.20	0.50	0.10	1.00	0.50	2.00	0.50			
Depth To Bottom									tion	
Date Sampled	12-Jan-24	12-Jan-24	12-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24		eteci	e
Sample Type	SOIL	s	Limit of Detection	Method ref						
Sample Matrix Code	4A	3A	4A	3	3A	3	3A	Units	Limi	Meth
% Stones >10mm _A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH _D M#	7.93	8.02	8.00	8.75	8.37	8.95	8.22	рН	0.01	A-T-031s
Sulphate (water sol 2:1) _D M#	<0.01	<0.01	<0.01	-	-	-	-	g/l	0.01	A-T-026s
Organic Matter _D ^{M#}	3.6	2.0	4.1	-	-	-	-	% w/w	0.1	A-T-032s
Total Organic Carbon _D ^{M#}	2.07	1.14	2.38	-	-	-	-	% w/w	0.03	A-T-032s
Arsenic _D ^{M#}	2	<1	4	-	-	-	-	mg/kg	1	A-T-024s
Cadmium _D ^{M#}	0.7	0.7	0.7	-	-	-	-	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	15	9	19	-				mg/kg	1	A-T-024s
Chromium _D ^{M#}	17	16	20	-				mg/kg	1	A-T-024s
Lead _D ^{M#}	42	14	53	-	•	•	•	mg/kg	1	A-T-024s
Mercury _D	<0.17	<0.17	0.17	-	-	-	-	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	12	11	15	-	-	-	-	mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1	-	-	-	-	mg/kg	1	A-T-024s
Zinc _D ^{M#}	47	38	61	-	-	-	-	mg/kg	5	A-T-024s



Lab Sample ID	24/00382/29	24/00382/30	24/00382/31	24/00382/57	24/00382/58	24/00382/59	24/00382/60			
Client Sample No										
Client Sample ID	TP13	TP13	TP18	TP14	TP15	TP15	TP16			
Depth to Top	0.20	0.50	0.10	1.00	0.50	2.00	0.50			
Depth To Bottom									tion	
Date Sampled	12-Jan-24	12-Jan-24	12-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24		Detection	e.
Sample Type	SOIL	s	₽	Method ref						
Sample Matrix Code	4A	3A	4A	3	3A	3	3A	Units	Limit	Meth
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D #	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



Cheft Project Ref. Givi12/41										
Lab Sample ID	24/00382/29	24/00382/30	24/00382/31	24/00382/57	24/00382/58	24/00382/59	24/00382/60			
Client Sample No										
Client Sample ID	TP13	TP13	TP18	TP14	TP15	TP15	TP16			
Depth to Top	0.20	0.50	0.10	1.00	0.50	2.00	0.50			
Depth To Bottom									tion	
Date Sampled	12-Jan-24	12-Jan-24	12-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24		Limit of Detection	Je
Sample Type	SOIL	s	t of D	Method ref						
Sample Matrix Code	4A	3A	4A	3	3A	3	3A	Units	Limi	Meth
PAH-16MS										
Acenaphthene _A ^{M#}	<0.01	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.01	<0.01	0.01	-	-	-	-	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.04	<0.02	<0.02	•	•		•	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	0.30	<0.04	0.21	•	•		•	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.30	<0.04	0.23	-	-	-	-	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	0.30	<0.05	0.22	-	-	-	-	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.19	<0.05	0.16	-	-	-	-	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A M#	0.14	<0.07	0.10	-	-	-	-	mg/kg	0.07	A-T-019s
Chrysene _A M#	0.37	<0.06	0.27	-	-	-	-	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	<0.04	<0.04	<0.04	-	-	-	-	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	0.57	<0.08	0.34	-	-		-	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	<0.01	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.22	<0.03	0.20	-	-	-	-	mg/kg	0.03	A-T-019s
Naphthalene A ^{M#}	<0.03	<0.03	<0.03	-	-	-	-	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	0.21	<0.03	0.11	-	-			mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	0.49	<0.07	0.30	-	-	-	-	mg/kg	0.07	A-T-019s
Total PAH-16MS _A	3.14	<0.08	2.15	•	•	-	•	mg/kg	0.01	A-T-019s



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Lab Sample ID	24/00382/29	24/00382/30	24/00382/31	24/00382/57	24/00382/58	24/00382/59	24/00382/60			
Client Sample No										
Client Sample ID	TP13	TP13	TP18	TP14	TP15	TP15	TP16			
Depth to Top	0.20	0.50	0.10	1.00	0.50	2.00	0.50			
Depth To Bottom									tion	
Date Sampled	12-Jan-24	12-Jan-24	12-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24		of Detection	Đ.
Sample Type	SOIL	s	t of [Method ref						
Sample Matrix Code	4A	3A	4A	3	3A	3	3A	Units	Limit	Meth
Speciated PCB-EC7										
PCB BZ 28 _A ^{M#}	<0.003	<0.003	<0.003	-	-	-	-	mg/kg	0.003	A-T-004s
PCB BZ 52 _A ^{M#}	<0.002	<0.002	<0.002	-	-	-	-	mg/kg	0.002	A-T-004s
PCB BZ 101 _A M#	<0.004	<0.004	<0.004	-		-	-	mg/kg	0.004	A-T-004s
PCB BZ 118 _A M#	<0.007	<0.007	<0.007	-		-	-	mg/kg	0.007	A-T-004s
PCB BZ 138 _A M#	<0.006	<0.006	<0.006	-		-	-	mg/kg	0.006	A-T-004s
PCB BZ 153 _A M#	<0.004	<0.004	<0.004	-	•	-	-	mg/kg	0.004	A-T-004s
PCB BZ 180 _A M#	<0.004	<0.004	<0.004	-	•	-	-	mg/kg	0.004	A-T-004s
Total Speciated PCB-EC7 _A M#	<0.007	<0.007	<0.007	-	•	-	-	mg/kg	0.003	A-T-004s



Client Project Ref: GM12741										
Lab Sample ID	24/00382/29	24/00382/30	24/00382/31	24/00382/57	24/00382/58	24/00382/59	24/00382/60			
Client Sample No										
Client Sample ID	TP13	TP13	TP18	TP14	TP15	TP15	TP16			
Depth to Top	0.20	0.50	0.10	1.00	0.50	2.00	0.50			
Depth To Bottom									ion	
Date Sampled	12-Jan-24	12-Jan-24	12-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24		etect	5
Sample Type	SOIL		Limit of Detection	Method ref						
Sample Matrix Code	4A	3A	4A	3	3A	3	3A	Units	Limit	Meth
TPH CWG with Clean Up										
Ali >C5-C6 _A	<0.01	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<1	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Ali >C10-C12 _A M#	<1	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Ali >C12-C16 _A M#	<1	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Ali >C16-C21 _A M#	<1	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Ali >C21-C35 _A M#	4	<1	4	-	-	-	-	mg/kg	1	A-T-055s
Total Aliphatics _A	4	<1	4	-	-	-	-	mg/kg	1	Calc-As Recd
Aro >C5-C7 _A #	<0.01	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A #	<0.01	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<1	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Aro >C10-C12 _A	<1	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Aro >C12-C16 _A	<1	<1	<1	-	-	-	-	mg/kg	1	A-T-055s
Aro >C16-C21 _A M#	4	<1	5	-	-	-	-	mg/kg	1	A-T-055s
Aro >C21-C35 _A M#	17	<1	22	-	-	-	-	mg/kg	1	A-T-055s
Total Aromatics _A	21	<1	27	-	-	-	-	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35)A	25	<1	31	-	-	-	-	mg/kg	1	Calc-As Recd
BTEX - Benzene _A #	<0.01	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
BTEX - Toluene _A #	<0.01	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A #	<0.01	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A #	<0.01	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A #	<0.01	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s
MTBE _A #	<0.01	<0.01	<0.01	-	-	-	-	mg/kg	0.01	A-T-022s



Lab Sample ID	24/00382/61	24/00382/67	24/00382/68	24/00382/69	24/00382/73	24/00382/74	24/00382/75			
Client Sample No										
Client Sample ID	TP16	TP19	TP20	TP20	TP22	TP23	TP23			
Depth to Top	1.50	1.50	0.20	3.00	1.00	0.10	0.50			
Depth To Bottom									tion	
Date Sampled	10-Jan-24	12-Jan-24	12-Jan-24	12-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24		etection	J e
Sample Type	SOIL	s	t of D	Method ref						
Sample Matrix Code	3	3	4A	3	3A	4A	3A	Units	Limit	Meth
% Stones >10mm _A	<0.1	<0.1	5.6	7.5	<0.1	6.5	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	8.97	9.88	8.34	8.32	9.01	8.08	8.44	рН	0.01	A-T-031s



Lab Sample ID	24/00382/76	24/00382/77	24/00382/78	24/00382/79	24/00382/80	24/00382/81	24/00382/82			
Client Sample No										
Client Sample ID	TP23	TP24	TP25	TP25	TP26	TP26	TP26			
Depth to Top	2.00	1.00	0.50	2.00	0.20	0.50	1.00			
Depth To Bottom									ion	
Date Sampled	10-Jan-24	09-Jan-24	09-Jan-24	09-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24		etection	Đ.
Sample Type	SOIL	s	t of D	Method ref						
Sample Matrix Code	3A	3	3A	3A	4A	3A	3A	Units	Limit	Meth
% Stones >10mm _A	<0.1	<0.1	3.7	<0.1	2.8	<0.1	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	8.95	9.05	8.29	9.07	8.23	8.42	9.08	рН	0.01	A-T-031s



						,				
Lab Sample ID	24/00382/83	24/00382/84	24/00382/85	24/00382/86	24/00382/87	24/00382/88	24/00382/89			
Client Sample No										
Client Sample ID	TP27	TP27	TP28	TP28	TP28	TP29	TP29			
Depth to Top	0.50	1.50	0.10	0.50	2.00	0.20	0.50			
Depth To Bottom									ion	
Date Sampled	10-Jan-24	10-Jan-24	09-Jan-24	09-Jan-24	09-Jan-24	09-Jan-24	09-Jan-24		Detection	₩
Sample Type	SOIL	s	of	Method ref						
Sample Matrix Code	3A	3	4A	3A	3A	4	3	Units	Limit	Meth
% Stones >10mm _A	<0.1	<0.1	<0.1	<0.1	4.0	<0.1	3.7	% w/w	0.1	A-T-044
pH _D M#	8.41	8.81	8.03	8.26	8.60	8.27	8.32	рН	0.01	A-T-031s



Lab Sample ID	24/00382/90	24/00382/91	24/00382/92	24/00382/93	24/00382/94	24/00382/95	24/00382/96			
Client Sample No										
Client Sample ID	TP29	TP30	TP30	TP32	TP32	TP33	TP33			
Depth to Top	1.00	0.50	1.50	0.10	1.50	0.10	0.50			
Depth To Bottom									tion	
Date Sampled	09-Jan-24		etection	e						
Sample Type	SOIL	s	t of D	Method ref						
Sample Matrix Code	3A	4A	3A	3A	3A	4A	4A	Units	Limit	Meth
% Stones >10mm _A	<0.1	<0.1	<0.1	<0.1	<0.1	4.8	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	8.92	8.23	9.04	8.36	8.72	8.21	8.18	рН	0.01	A-T-031s



Lab Sample ID	24/00382/97	24/00382/98	24/00382/99	24/00382/100	24/00382/101	24/00382/102			
Client Sample No									
Client Sample ID	TP33	TP35	TP35	TP36	TP36	TP22			
Depth to Top	1.00	0.50	2.00	0.10	1.50	0.50			
Depth To Bottom								tion	
Date Sampled	09-Jan-24	09-Jan-24	09-Jan-24	10-Jan-24	10-Jan-24	10-Jan-24		Detection	Ę.
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	s	φ	Method ref
Sample Matrix Code	3A	3A	3A	3A	3A	3A	Units	Limit	Meth
% Stones >10mm _A	3.2	<0.1	5.1	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	8.78	8.25	8.69	8.39	8.95	8.98	рН	0.01	A-T-031s



Report Notes

General

This report shall not be reproduced, except in full, without written approval from Envirolab.

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.

The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client.

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.

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ney	
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 "^"	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
N/A	Not applicable

Ashestos

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

Quantification of asbestos is a 3 stage process including visual identification, hand picking and weighing, and fibre counting by sedimentation/phase contrast optical microscopy if required. If asbestos is identified as being present but is not in a form that is suitable for analysis by hand picking and weighing (normally if the asbestos is present as free fibres) quantification by sedimentation is performed. Where ACMs are found a percentage asbestos is assigned to each with reference to 'HSG264, Asbestos: The survey guide' and the calculated asbestos content is expressed as a percentage of the dried soil sample aliquot used.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	Α	Contains Stones				
2	LOAM	7	OTHER	В	Contains Construction Rubble				
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	С	Contains visible hydrocarbons				
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal				
5	5 SAND/CLAY E Contains roots / twigs								
Note:	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 12900uS/cm @ 25°C / 11550uS/cm @ 20°C fall outside the accreditation range and as such are unaccredited.

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



Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU Tel. 0161 368 4921 email. ask@envlab.co.uk

Client: Wardell Armstrong (Bolton), 41-50 Futura Park, Aspinall Way, Middlebrook,

Project No: 24/00382

Bolton, Lancashire, UK, BL6 6SU

Date Received: 16/01/2024 (am)

Project: Deal, Kent Cool Box Temperatures (°C): 5.9 - 9.4

Clients Project No: GM12741

Lab Sample ID	24/00382/1	24/00382/2
Client Sample No		
Client Sample ID/Depth	TP14 0.20m	TP14 0.50m
Date Sampled	10/01/24	10/01/24
Deviation Code		
F	✓	✓

Key

Maximum holding time exceeded between sampling date and analysis for analytes listed below

HOLDING TIME EXCEEDANCES

Lab Sample ID	24/00382/1	24/00382/2
Client Sample No		
Client Sample ID/Depth	TP14 0.20m	TP14 0.50m
Date Sampled	10/01/24	10/01/24
VPHCWG	✓	✓

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.



Envirolab Analysis Dates

Lab Sample ID	24/00382/1	24/00382/2	24/00382/3	24/00382/4	24/00382/5	24/00382/6	24/00382/7	24/00382/8	24/00382/9	24/00382/10	24/00382/11	24/00382/12
Client Sample No												
Client Sample ID/Depth	TP14 0.20m	TP14 0.50m	TP15 0.10m	TP16 0.20m	TP19 0.10m	TP19 0.50m	TP20 0.50m	TP22 0.10m	TP24 0.10m	TP24 0.50m	TP25 0.20m	TP27 0.10m
Date Sampled	10/01/24	10/01/24	10/01/24	10/01/24	10/01/24	10/01/24	10/01/24	10/01/24	09/01/24	09/01/24	09/01/24	10/01/24
A-T-004s				19/01/2024								
A-T-019s	26/01/2024	26/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024
A-T-022s	26/01/2024	29/01/2024	18/01/2024	18/01/2024	18/01/2024	18/01/2024			18/01/2024	18/01/2024		
A-T-024s	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024
A-T-026s	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024
A-T-031s	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024
A-T-032s	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024
A-T-044	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024
A-T-045	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024
A-T-055s	24/01/2024	24/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024			19/01/2024	19/01/2024		
Calc-As Recd	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024			19/01/2024	19/01/2024		



Lab Sample ID	24/00382/13	24/00382/14	24/00382/15	24/00382/16	24/00382/17	24/00382/18	24/00382/19	24/00382/20	24/00382/21	24/00382/22	24/00382/23	24/00382/24
Client Sample No												
Client Sample ID/Depth	TP30 0.10m	TP32 0.50m	TP35 0.10m	TP36 0.50m	TP01 0.20m	TP02 0.10m	TP04 0.20m	TP04 0.40m	TP05 0.20m	TP06 0.50m	TP08 0.10m	TP08 0.50m
Date Sampled	09/01/24	09/01/24	09/01/24	10/01/24	11/01/24	11/01/24	11/01/24	11/01/24	11/01/24	11/01/24	11/01/24	11/01/24
A-T-004s							19/01/2024	19/01/2024			19/01/2024	19/01/2024
A-T-019s	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024
A-T-022s							18/01/2024	18/01/2024	18/01/2024		18/01/2024	18/01/2024
A-T-024s	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024
A-T-026s	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024
A-T-031s	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024
A-T-032s	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024
A-T-044	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024
A-T-045	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024
A-T-055s							19/01/2024	19/01/2024	19/01/2024		19/01/2024	19/01/2024
Calc-As Recd							19/01/2024	19/01/2024	19/01/2024		19/01/2024	19/01/2024



Lab Sample ID	24/00382/25	24/00382/26	24/00382/27	24/00382/28	24/00382/29	24/00382/30	24/00382/31	24/00382/57	24/00382/58	24/00382/59	24/00382/60	24/00382/61
Client Sample No												
Client Sample ID/Depth	TP10 0.20m	TP10 0.50m	TP11 0.20m	TP12 0.10m	TP13 0.20m	TP13 0.50m	TP18 0.10m	TP14 1.00m	TP15 0.50m	TP15 2.00m	TP16 0.50m	TP16 1.50m
Date Sampled	11/01/24	11/01/24	12/01/24	12/01/24	12/01/24	12/01/24	12/01/24	10/01/24	10/01/24	10/01/24	10/01/24	10/01/24
A-T-004s	19/01/2024	19/01/2024			19/01/2024	19/01/2024	19/01/2024					
A-T-019s	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024	19/01/2024					
A-T-022s	18/01/2024	18/01/2024	18/01/2024		18/01/2024	19/01/2024	18/01/2024					
A-T-024s	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024					
A-T-026s	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024					
A-T-031s	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	23/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024
A-T-032s	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024					
A-T-044	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	22/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024
A-T-045	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024	17/01/2024					
A-T-055s	19/01/2024	19/01/2024	19/01/2024		19/01/2024	19/01/2024	19/01/2024					
Calc-As Recd	19/01/2024	19/01/2024	19/01/2024		19/01/2024	19/01/2024	19/01/2024					



Lab Sample ID	24/00382/67	24/00382/68	24/00382/69	24/00382/73	24/00382/74	24/00382/75	24/00382/76	24/00382/77	24/00382/78	24/00382/79	24/00382/80	24/00382/81
Client Sample No												
Client Sample ID/Depth	TP19 1.50m	TP20 0.20m	TP20 3.00m	TP22 1.00m	TP23 0.10m	TP23 0.50m	TP23 2.00m	TP24 1.00m	TP25 0.50m	TP25 2.00m	TP26 0.20m	TP26 0.50m
Date Sampled	12/01/24	12/01/24	12/01/24	10/01/24	10/01/24	10/01/24	10/01/24	09/01/24	09/01/24	09/01/24	10/01/24	10/01/24
A-T-004s												
A-T-019s												
A-T-022s												
A-T-024s												
A-T-026s												
A-T-031s	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024
A-T-032s												
A-T-044	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024
A-T-045												
A-T-055s												
Calc-As Recd												



Lab Sample ID	24/00382/82	24/00382/83	24/00382/84	24/00382/85	24/00382/86	24/00382/87	24/00382/88	24/00382/89	24/00382/90	24/00382/91	24/00382/92	24/00382/93
Client Sample No												
Client Sample ID/Depth	TP26 1.00m	TP27 0.50m	TP27 1.50m	TP28 0.10m	TP28 0.50m	TP28 2.00m	TP29 0.20m	TP29 0.50m	TP29 1.00m	TP30 0.50m	TP30 1.50m	TP32 0.10m
Date Sampled	10/01/24	10/01/24	10/01/24	09/01/24	09/01/24	09/01/24	09/01/24	09/01/24	09/01/24	09/01/24	09/01/24	09/01/24
A-T-004s												
A-T-019s												
A-T-022s												
A-T-024s												
A-T-026s												
A-T-031s	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024
A-T-032s												
A-T-044	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024
A-T-045												
A-T-055s												
Calc-As Recd												



Lab Sample ID	24/00382/94	24/00382/95	24/00382/96	24/00382/97	24/00382/98	24/00382/99	24/00382/10 0	24/00382/10 1	24/00382/10 2
Client Sample No									
Client Sample ID/Depth	TP32 1.50m	TP33 0.10m	TP33 0.50m	TP33 1.00m	TP35 0.50m	TP35 2.00m	TP36 0.10m	TP36 1.50m	TP22 0.50m
Date Sampled	09/01/24	09/01/24	09/01/24	09/01/24	09/01/24	09/01/24	10/01/24	10/01/24	10/01/24
A-T-004s									
A-T-019s									
A-T-022s									
A-T-024s									
A-T-026s									
A-T-031s	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024	30/01/2024
A-T-032s									
A-T-044	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024	25/01/2024
A-T-045									
A-T-055s									
Calc-As Recd									

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



Appendix I Laboratory Geotechnical Testing Results

TTL



Document Transmittal Sheet

Го	Despatch Date	16/02/2024
John Lawrence Geotron UK Ltd Unit E2018	Issue Number	1
Warmco Industry Park	Issuer Name	M Athorne
Mossley OL5 9AY Report Remarks	Issuer Signatory	M. AAA
•	Date of Sample Receipt:	31/01/2024
	Start Date of Test:	31/01/2024
	Date of Issue of report:	16/02/2024

Note: Test carried out at TTL laboratory facility as detaied in contact information

Project Name:Project No:DoverJ261254

Details of Report Contents

Tests in the following list marked * are not UKAS accredited

ITEM	Sheet Nos	Comments
Document Transmittal sheet / Contents	page(s) 1 to 1	1

TESTS	SI	neet Nos	Authoriser Signatory
Index Properties - Summary of Results	INDX	1 to 1	M. AAA
End of Report			

Total number of pages in this report 2	Total number of	pages in	this i	report	2
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The results contained in this report relate only to samples received in the laboratory and are tested 'as received' unless otherwise stated. Opinions and interpretations expressed in this report are outside the scope of accreditation.

Reports referenced by this document shall not be reproduced except in full without prior approval from the issuing laboratory.

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GQF-008-48 **Summary of Classification Test Results** Issue 01 - Oct 22 Project No. **Project Name** J261254 Dover Sample Density Passing LL PL Ы Particle bulk dry 425um density Hole No. Soil Description Remarks Base Ref Top Type Mg/m³ % % % Mg/m³ Brown slightly gravelly sandy TP01 13 0.50 В 25 24 88 37 CLAY Brown slightly gravelly sandy TP25 В 13 0.50 23 88 35 22 CLAY CHALK compossed of white NΡ TP36 0.70 В 29 slightly clayey slightly sandy grave CHALK compossed of white WS01 1.00 1.45 D 26 95 33 -1pt 29 4 slightly sandy silty clay CHALK compossed of white WS01 D 2.00 2.45 28 97 34 -1pt 28 6 slightly sandy silty clay CHALK composed of white slightly WS01 34 -1pt 3.00 3.45 D 28 88 26 8 gravelly clayey silt CHALK composed of white slightly WS03 34 -1pt 1.00 1.45 D 71 29 5 28 gravelly clayey silt CHALK composed of white slightly WS03 2.00 D 97 33 -1pt 25 8 2.45 31 gravelly clayey silt CHALK composed of white slightly WS03 34 -1pt 3.00 D 88 8 3.45 31 26 gravelly clayey silt CHALK composed of white slightly WS05 7 D 1.00 1.45 29 83 35 -1pt 28 gravelly clayey silt CHALK composed of white slightly WS05 7 D 2.00 2.45 27 95 32 -1pt 25 gravelly clayey silt CHALK composed of white slightly WS07 D 1.00 1.45 28 66 36 -1pt 30 6 gravelly clayey silt CHALK composed of white clayey 34 -1pt WS07 D 29 5 2.00 2.45 28 95 slightly gravelly silt CHALK composed of white slightly 34 -1pt WS07 28 3.00 3.45 D 27 6 98 gravelly clayey silt All tests performed in accordance with BS1377:1990 unless specified otherwise Date Printed 16/02/2024 Key Density test Liquid Limit Particle density Linear measurement unless : 4pt cone unless: sp - small pyknometer **INDEX** wd - water displacement cas - Casagrande method gj - gas jar wi - immersion in water 1pt - single point test



Appendix J Gas and Groundwater Monitoring Results



24th January 2024

Mr G Huck Wardell Armstrong LLP 41-50 Futura Park Aspinall Way Middlebrook Bolton BL6 6SU Environmental Site Sampling Ltd 94 Dillotford Avenue Styvechale Coventry CV3 5DU

Tel : (024) 7669 0514 Mobile : 07971 664 118

 $e.mail: cosgrove_patrick@hotmail.com\\$

Page 1 of 2

In-situ Analysis Report: WA/6670

Dear Mr Huck,

Please find enclosed a copy of the in-situ ground gas analysis undertaken at Cross Road, Walmer, Deal, Kent, CT14 9LA, on 24th January 2024.

I trust you find these satisfactory. Should you have any queries please contact us.

Yours Sincerely,

Patrick Cosgrove

P V Cosgrove BSc MSc Environmental Site Sampling Ltd





Page 2 of 2

In-situ Analysis: WA/6670

Client: Wardell Armstrong LLP

Project: Cross Road, Walmer, Deal, Kent, CT14 9LA

24/01/24

Sample Location	Gas Flow	Borehole Pressure	Me	thane	Methane		Carbon Oxygen Dioxide			Other Gases		Water Level	Install Depth	
Location	(I/hr)	(Pa)	19/	Svol)	10/	LEL)		oxide Svol)	19/	Svol)			(Meters)	(Meters)
	(1/111)	(га)	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	H ₂ S	co	(ivieters)	(IVIECEIS)
WS 01	<0.1	3	<0.1	<0.1	<2	<2	0.5	0.5	20.0	20.0	<1	<1	Dry	5.01m
W3 01	\0.1	5	<0.1	70.1	\Z	\ 2	0.5	0.5	20.0	20.0	\1	\1	5.01m	5.01111
WS 02	<0.1	1	<0.1	<0.1	<2	<2	0.6	0.6	19.8	19.8	<1	<1	Dry 4.97m	4.97m
WS 03	<0.1	2	<0.1	<0.1	<2	<2	0.2	0.2	20.3	20.3	<1	<1	Dry 4.99m	4.99m
WS 04	<0.1	3	<0.1	<0.1	<2	<2	0.4	0.4	19.9	19.9	<1	<1	Dry 4.90m	4.90m
WS 05	<0.1	4	<0.1	<0.1	<2	<2	0.8	0.8	19.7	19.7	<1	<1	Dry 5.10m	5.10m
WS 06	<0.1	2	<0.1	<0.1	<2	<2	0.8	0.8	19.6	19.6	<1	<1	Dry 5.04m	5.04m
WS 07	<0.1	3	<0.1	<0.1	<2	<2	1.1	1.1	19.3	19.3	<1	<1	Dry 4.85m	4.85m
WS 08	<0.1	2	<0.1	<0.1	<2	<2	0.2	0.2	20.1	20.1	<1	<1	Dry 4.99m	4.99m

Notes:

Monitoring order is from left to right.

Steady concentrations are measured up to 3 minutes.

Additional Information						
Date Monitoring Undertaken:	24 th January 2024					
Monitoring Undertaken By:	P Cosgrove					
Equipment Used:	GFM436 S/N 13985					
Atmospheric Pressure Deal a.m. (mb):	1022mb					
Atmospheric Pressure On-site: (mb):	1021mb					
Atmospheric Pressure Deal p.m. (mb):	1027mb					
Weather During Visit:	Sunny, Dry, Wind W, 8m/s, 11°C					
Comments:						



31st January 2024

Mr G Huck Wardell Armstrong LLP 41-50 Futura Park Aspinall Way Middlebrook Bolton BL6 6SU Environmental Site Sampling Ltd 94 Dillotford Avenue Styvechale Coventry CV3 5DU

Tel : (024) 7669 0514 Mobile : 07971 664 118

 $e.mail: {\tt cosgrove_patrick@hotmail.com}$

Page 1 of 2

In-situ Analysis Report: WA/6675

Dear Mr Huck,

Please find enclosed a copy of the in-situ ground gas analysis undertaken at Cross Road, Walmer, Deal, Kent, CT14 9LA, on 31st January 2024.

I trust you find these satisfactory. Should you have any queries please contact us.

Yours Sincerely,

Patrick Cosgrove

P V Cosgrove BSc MSc Environmental Site Sampling Ltd





Page 2 of 2

In-situ Analysis: WA/6675

Client: Wardell Armstrong LLP

Project: Cross Road, Walmer, Deal, Kent, CT14 9LA

31/01/24

Sample Location	Gas Flow	Borehole Pressure	Me	thane	Methane		Carbon Oxygen Dioxide			Other Gases		Water Level	Install Depth	
	(I/hr)	(Pa)	(%	svol)	(%	LEL)	(%	vol)	(%	svol)	(pp	ppm) (Meters)		(Meters)
			Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	H ₂ S	CO		
WS 01	0.1	11	<0.1	<0.1	<2	<2	0.6	0.6	19.4	19.4	<1	<1	Dry	5.01m
													5.01m	
WS 02	<0.1	3	<0.1	<0.1	<2	<2	0.5	0.5	19.8	19.8	<1	<1	Dry	4.97m
													4.97m	
WS 03	<0.1	2	<0.1	<0.1	<2	<2	0.1	0.1	20.0	20.0	<1	<1	Dry	4.99m
													4.99m	
WS 04	0.1	10	<0.1	<0.1	<2	<2	0.2	0.2	19.9	19.9	<1	<1	Dry	4.90m
													4.90m	
WS 05	<0.1	4	<0.1	<0.1	<2	<2	0.5	0.5	19.5	19.5	<1	<1	Dry	5.10m
													5.10m	
WS 06	<0.1	2	<0.1	<0.1	<2	<2	0.7	0.7	19.2	19.2	<1	<1	Dry	5.04m
													5.04m	
WS 07	<0.1	1	<0.1	<0.1	<2	<2	1.1	1.1	19.1	19.1	<1	<1	Dry	4.85m
													4.85m	
WS 08	<0.1	2	<0.1	<0.1	<2	<2	0.2	0.2	19.9	19.9	<1	<1	Dry	4.99m
													4.99m	

Notes:

Monitoring order is from left to right.

Steady concentrations are measured up to 3 minutes.

Additional Information						
Date Monitoring Undertaken:	31 st January 2024					
Monitoring Undertaken By:	P Cosgrove					
Equipment Used:	GFM436 S/N 13985					
Atmospheric Pressure Deal a.m. (mb):	1033mb					
Atmospheric Pressure On-site: (mb):	1029mb					
Atmospheric Pressure Deal p.m. (mb):	1028mb					
Weather During Visit:	Overcast, Dry, Wind SW, 5m/s, 7°C					
Comments:						



Environmental Site Sampling Ltd

7th February 2024

Mr G Huck Wardell Armstrong LLP 41-50 Futura Park Aspinall Way Middlebrook Bolton BL6 6SU Environmental Site Sampling Ltd 94 Dillotford Avenue Styvechale Coventry CV3 5DU

Tel : (024) 7669 0514 Mobile : 07971 664 118

 $e.mail: {\tt cosgrove_patrick@hotmail.com}$

Page 1 of 2

In-situ Analysis Report: WA/6680

Dear Mr Huck,

Please find enclosed a copy of the in-situ ground gas analysis undertaken at Cross Road, Walmer, Deal, Kent, CT14 9LA, on 7th February 2024.

I trust you find these satisfactory. Should you have any queries please contact us.

Yours Sincerely,

Patrick Cosgrove

P V Cosgrove BSc MSc Environmental Site Sampling Ltd





Page 2 of 2

In-situ Analysis: WA/6680

Client: Wardell Armstrong LLP

Project: Cross Road, Walmer, Deal, Kent, CT14 9LA

07/02/24

Sample Location	Gas Flow	Borehole Pressure	Me	thane	Methane		Carbon Oxygen Dioxide		Other Gases		Water Level	Install Depth		
	(I/hr)	(Pa)	(%	Svol)	(%	LEL)	(%	vol)	(%	svol)	(pp	(ppm) (Meters)		(Meters)
			Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	H₂S	CO		
WS 01	<0.1	2	<0.1	<0.1	<2	<2	0.4	0.4	19.9	19.9	<1	<1	Dry	5.01m
													5.01m	
WS 02	<0.1	4	<0.1	<0.1	<2	<2	0.5	0.5	19.8	19.8	<1	<1	Dry	4.97m
													4.97m	
WS 03	<0.1	1	<0.1	<0.1	<2	<2	0.3	0.3	19.9	19.9	<1	<1	Dry	4.99m
													4.99m	
WS 04	0.1	11	<0.1	<0.1	<2	<2	0.2	0.2	20.0	20.0	<1	<1	Dry	4.90m
													4.90m	
WS 05	0.1	12	<0.1	<0.1	<2	<2	0.8	0.8	19.5	19.5	<1	<1	Dry	5.10m
													5.10m	
WS 06	<0.1	3	<0.1	<0.1	<2	<2	0.8	0.8	19.3	19.3	<1	<1	Dry	5.04m
													5.04m	
WS 07	0.1	11	<0.1	<0.1	<2	<2	1.2	1.2	19.3	19.3	<1	<1	Dry	4.85m
													4.85m	
WS 08	<0.1	3	<0.1	<0.1	<2	<2	0.1	0.1	19.9	19.9	<1	<1	Dry	4.99m
													4.99m	

Notes:

Monitoring order is from left to right.

Steady concentrations are measured up to 3 minutes.

Additional Information						
Date Monitoring Undertaken:	7 th February 2024					
Monitoring Undertaken By:	P Cosgrove					
Equipment Used:	GFM436 S/N 13985					
Atmospheric Pressure Deal a.m. (mb):	1006mb					
Atmospheric Pressure On-site: (mb):	1004mb					
Atmospheric Pressure Deal p.m. (mb):	1002mb					
Weather During Visit:	Overcast, Raining, Wind E, 4m/s, 5°C					
Comments:						