

**FACTUAL REPORT
PRINCES PARADE
HYTHE, KENT
BAM CONSTRUCTION LTD
FR-22281-21-195
MAY 2021**

IDOM



FACTUAL REPORT
PRINCES PARADE
HYTHE, KENT
BAM CONSTRUCTION LTD
FR-22281-21-195
MAY 2021

Current Document Details

Authors

Sam Mitchell

Approved by



Rob Glavin

Issued by



Sam Mitchell

Document1

Document Revisions

Rev	Date	Author	Approved	Issued	Remarks
0	12.05.21	SJM	RG	SJM	-

Report issued from

KENT 1 Leonard Place, Westerham Road, Keston. BR2 6HQ Tel: 01689 889 980

TABLE OF CONTENTS

SECTION 1	INTRODUCTION	1
SECTION 2	BACKGROUND	1
SECTION 3	SITE INVESTIGATION METHODS	3
SECTION 4	GROUND CONDITIONS	4
SECTION 5	SOIL SAMPLE TESTING PROCEDURES	5
SECTION 6	GROUNDWATER SAMPLING AND LEVEL MONITORING.....	6
SECTION 7	GAS MONITORING	7
APPENDIX 1	
▪	Drawings	
APPENDIX 2	
▪	Exploratory Hole Logs	
APPENDIX 3	
▪	Photographic Logs	
APPENDIX 4	
▪	Soil Chemistry	
▪	Summary Spreadsheet	
▪	Laboratory Analysis Certificates	
APPENDIX 5	
▪	Geotechnical Laboratory Certificates	
APPENDIX 6	
▪	Groundwater Laboratory Certificates	
APPENDIX 7	
▪	Field Monitoring Records	
▪	Groundwater Level Data	
▪	Hazardous Soil Gas Data	
APPENDIX 8	
▪	Falling Head Permeability Results	

SECTION 1 INTRODUCTION

- 1.1 IDOM Merebrook were commissioned by BAM Construction Ltd to carry out an intrusive site investigation at Princes Parade, Hythe.
- 1.2 A suitably qualified and experienced IDOM Merebrook (IDOM) engineer attended site between 29 March and 29 April 2021. The full scope of works comprised the following:
 - i.* Excavation of 33 machine excavated trial pits (TP101 to TP132) to a maximum depth of 5.50 meters below ground level (m bgl) at locations requested by the Client and their representatives (INCLUDE NAME). The aim of the trial pits was to determine the potential thickness of landfill/made ground and its composition.
 - ii.* Drilling of 24 windowless sampling holes (WS101 to WS123) to a maximum depth of 6.00 m bgl at locations provided by the client and their representatives to confirm the type and nature of made ground/landfill material and its thickness. Ground gas monitoring wells were installed in the boreholes.
 - iii.* Drilling eight cable percussion rig boreholes (CP101 to CP106) to a maximum depth of 35 m bgl at locations requested by the Client and their representatives to provide information for foundation design. The boreholes were installed holes were installed for the purpose of monitoring groundwater beneath the landfill. Falling head permeability tests were performed one meter below the landfill in each borehole as required by the Client.
 - iv.* Groundwater monitoring on one occasion, with ground gas monitoring on three occasions. Groundwater level monitoring to establish the tidal range was also undertaken.
- 1.3 The location of the exploratory holes is detailed on drawing number 22281-304-003 presented in Appendix 1. Copies of the exploratory hole logs are included in Appendix 2.
- 1.4 This report presents a factual account of the site investigation undertaken. The site investigation data, which includes *inter alia* plans, borehole logs, chemical and geotechnical data and monitoring results are included as Appendices.
- 1.5 This report has been prepared for BAM Construction Ltd for the sole purpose described above and no extended duty of care to any third party is implied or offered. Third parties making reference to the report should consult BAM Construction Ltd and IDOM as to the extent to which the findings may be appropriate for their use.

SECTION 2 BACKGROUND

- 2.1 The site occupies an area of approximately 7.5 hectares located at National Grid Reference 618523, 134832 and indicated on drawing 22281-304-003 presented in Appendix 1 of this report.
- 2.2 The site is bounded by the Royal Military Canal to the north, residential flats (under construction) to the east, Princes Parade with a beach beyond to the south and a golf course to the west.
- 2.3 The majority of the site is disused. The site is an overgrown former landfill with, much of the site covered by rough grass, weeds, scrubland and trees. A gated entrance onto the site is located in the southwestern corner with some localised poor quality hardstanding noted in this area.
- 2.4 The eastern portion of the site is occupied by Seapoint Canoe Centre as well as a playground and picnic area. A pathway passes through the central portion of the site to link with a foot bridge across the canal. Further foot paths encircle the western, northern and eastern perimeters of the site.
- 2.5 No invasive species were noted during the site walkover, however, sporadic littering was noted on the site.
- 2.6 The elevation of the site is generally low-lying, ranging from 2.5 metres above Ordnance Datum (m AOD) to 5.0 m AOD.
- 2.7 Historic plans reveal that the site was undeveloped until a track and entrance was formed in *circa* 1963 which would indicate the presence of some site activity. A carpark was established in the eastern portion of the site prior to 2010.
- 2.8 The published geological map indicates the presence of superficial drift deposits of Storm Beach Deposits and Tidal Flat Deposits. The underlying bedrock geology comprises the Weald Clay Formation.
- 2.9 The proposed development for mixed-use development including a leisure facility and residential homes with associated car parking and soft landscaping.
- 2.10 Previous Investigations
- 2.10.1 A previous intrusive investigation has taken place across the site as detailed in the following report:
- i. IDOM Merebrook Ltd; Princes Parade: Geo-Environmental Assessment (Report number: GEA-17436AI-15-193); May 2017.
- 2.10.1.2 The purpose of this preliminary report and assessment was to identify any contaminative or geotechnical issues associated with former land use of the site.
- 2.10.1.3 The geochemical issues associated with the site were identified as metal, PAH, TPH and asbestos contamination of the made ground and PAH contamination of the natural ground.

- 2.10.1.4 Geotechnical recommendations comprised foundation solutions such as ground improvement (vibro stone / concrete columns) or a piled solution to be considered. Suspended floor slats were also recommended due to the variable thickness of made ground.

SECTION 3 SITE INVESTIGATION METHODS

- 3.1.1 Light cable percussion equipment was used to advance boreholes CP101 to CP106 to a maximum depth of 35 m bgl. Standard Penetration Tests (SPTs) were performed at approximate one metre intervals. The tests involved driving a steel cone tipped series of rods into the ground over a distance of 450 mm using the repeated blows of a 63.5 kg weight allowed to free fall over a distance of 760 mm. The total number of blows required for the final 300 mm penetration (the 'N' value) is recorded on the window sample logs.
- 3.1.2 All boreholes, except CP104a and CP104b (which were abandoned due to obstructions and replaced with near-by monitoring points), were installed with environmental monitoring wells to 10 m bgl. The installations comprised 50 mm diameter monitoring wells which are perforated below 6 m bgl with a gravel surround. Above 6 m bgl, the wells are unperforated with a surrounding bentonite seal. As part of ongoing monitoring, water level loggers, capable of recording hourly water level measurements were installed in the wells.
- 3.1.3 A tracked windowless sampling rig was used to advance boreholes WS101 to WS123. This comprised a rig-mounted drop hammer to drive a hollow steel barrel into the ground. The barrel is recovered along with a removable plastic sleeve, which lines the barrel and holds a core of soil which is retracted for logging and sampling.
- 3.1.4 All windowless sample holes, except WS117, were installed with environmental gas monitoring wells to the base of the landfill, to a maximum depth of 6 m. The installations comprised 50 mm diameter monitoring wells which are perforated below 1 m bgl with a gravel surround. Above 1 m bgl, the wells are unperforated with a surrounding bentonite seal.
- 3.1.5 A tracked excavator was used to advance TP101 to TP132 and were progressed to a maximum of 5.5 m bgl.
- 3.2 The exploratory holes TP103, TP116, TP131 and TP132 did not reach the base of the landfill. In these trial pits the landfill material repeatedly collapsed. Extension of the trial pits were attempted, but further collapses rendered working conditions unsafe.
- 3.3 Obstructions were encountered in the landfill material at of two the cable percussive boreholes and one window sampler borehole (WS117, CP104a and CP104b) at depths of 2.5, 1.5 and 2.0 m bgl respectively. These boreholes were relocated to near-by locations and redrilled.

3.4 Prior to the commencement of works ecological clearance had been undertaken by the Client to provide access routes across the site.

3.5 The arisings from trial pits and boreholes backfilled in the order excavated or removed from site. Once complete, the ground surface was inspected to ensure that no exposed landfill material remained at the surface.

3.1.1

SECTION 4 GROUND CONDITIONS

4.1 Exploratory hole logs of the trial pits, window sample holes and cable percussion boreholes are included in Appendix 2. A detailed photographic record is included as Appendix 3.

4.2 Surface Ground Conditions

4.1.1 The majority of the site was covered by vegetation, with hardstanding in the carpark associated with the Seapoint Canoe Centre and playground. A small area of loose bituminous surfacing was also identified adjacent to the south-western entrance.

4.3 Subsurface Ground Conditions

4.3.1 A summary of the ground conditions encountered is presented in Table 1, whilst a more detailed assessment of the strata is contained in the following sections of the report.

Table 1: Summary of Sub-surface Ground Conditions

STRATA	DEPTH TO TOP RANGE (m bgl)	THICKNESS RANGE (m)
Made Ground/Landfill	Ground level.	2.30 – 5.50
Storm Beach Deposits	2.30 – 6.40	0.15 – 8.80
Tidal Flat Deposits	4.00 – 6.00	0.10 – 2.45
Atherfield Clay Formation	10.60 – 13.50	0.50 – 4.00
Weald Clay Formation	12.80 – 16.60	Base not proven.

4.3.2 Made ground/Landfill

4.3.2.1 No landfill cap was identified, and landfill type material was identified at or immediately beneath the surface of the site. The made ground/landfill material was composed of several layers of landfill material within a gravelly sandy clay soil matrix.

4.3.2.2 Generally, the made ground comprised dark brown gravelly sandy clay with brick and flint to approximately 0.4 to 0.8 m bgl. The underlying soils became very gravelly and contained varying portions of concrete, plastic, glass, wood, metal and cloth.

From approximately 3.5 m bgl, the soils became greenish grey and gave off a moderate organic odour.

4.3.2.3 In some instances, identified in the western half of the site, the soils displayed a black staining and strong hydrocarbon odour from approximately 4.0 m bgl to the natural ground beneath. The underlying natural, Storm Beach Deposits also occasionally displayed the same visual and olfactory evidence of contamination.

4.3.3 Natural Ground

4.3.3.1 The two superficial deposits identified onsite were Storm Beach Deposits and Tidal Flat Deposits. The Storm Beach Deposits were widespread, generally described as brown sand and flint gravel and reached a maximum depth of 13.5 m. The Tidal Flat Deposits were encountered across the majority of the site with limited thickness (0.1 to 2.45 m) and were described as grey sandy clay.

4.3.3.2 Groundwater was encountered in the Storm Beach Deposits during drilling at depths between 5.0 and 8.0 m.

4.3.3.3 Falling head permeability tests were performed one meter into the natural superficial deposits in six boreholes. Falling head permeability test results are included in Appendix 8. Infiltration values ranged from 3.5×10^{-5} to 4.5×10^{-4} m/s.

4.3.3.4 The two bedrock deposits encountered onsite were the Atherfield Clay Formation and the Weald Clay Formation. The Atherfield Clay was identified as dark grey gravelly sandy mudstone with shells. The Atherfield Clay was locally described as a greenish brown gravelly sand with shells, which overlay the mudstone. Immediately underlying the mudstone was the Weald Clay Formation.

4.3.3.5 The Weald Clay Formation was encountered in all of the boreholes that penetrated the superficial deposits. It was described as dark bluish grey gravelly silty clay with shells which rarely displayed thin weak laminations.

4.3.3.6 Groundwater was encountered on one occasion in the Weald Clay Formation in borehole CP104c at 24.0 m bgl.

SECTION 5 SOIL SAMPLE TESTING PROCEDURES

5.1 Soil samples were collected throughout the soil profile. Of these, 60 representative soil samples from various depths and strata were selected for analysis to enable assessment of the contaminative status of the site. Soil samples were submitted to an MCERTS/ UKAS accredited laboratory for chemical analysis of suites of potential contaminants, as follows:

- i.* Soils Midi Suite (As, Cd, Cr, Hex. Cr, Cu, Ni, Zn, Pb, Hg, Se, B, Sn, Be, Al, Mg, Total and Free Cyanide, thiocyanate, S, SO₄, sulphide, pH, phenol);
- ii.* Polycyclic Aromatic Hydrocarbons [PAH] speciation (EPA 16 by GC-FID)

- iii.* Total petroleum hydrocarbons [TPH] Criteria Working Group [CWG] full speciation by GC-FID (including Aliphatics, Aromatics, BTEX, MTBE, RBCA banding);
 - iv.* Asbestos screening and quantification;
 - v.* VOC by headspace GC-MS; and
 - vi.* SVOC by GC-MS.
- 5.2 In addition, soil leachate testing was undertaken on 60 soil samples using the BS EN12457 leaching process (< 4 mm fraction with a leaching ratio of 10 litres of leachant per kg of dry waste) followed by water analysis for Al, Cd, Co, Cr, Cu, Fe, Mn, Ni, Pb, Zn and PAH (EPA 16).
- 5.3 The soil contamination and soil leachate results are provided in Appendix 4.
- 5.4 A programme of geotechnical laboratory testing was performed on selected soil samples obtained from the boreholes, comprising the following:
 - i.* 24 Index property determinations;
 - ii.* 30 Undrained Triaxial Tests;
 - iii.* 48 Particle Size Distributions; and
 - iv.* 36 BRE SD1 aggressive chemical suites.
- 5.5 The geotechnical results are currently being processed and will be provided in a revised report in Appendix 5.

SECTION 6 GROUNDWATER SAMPLING AND LEVEL MONITORING

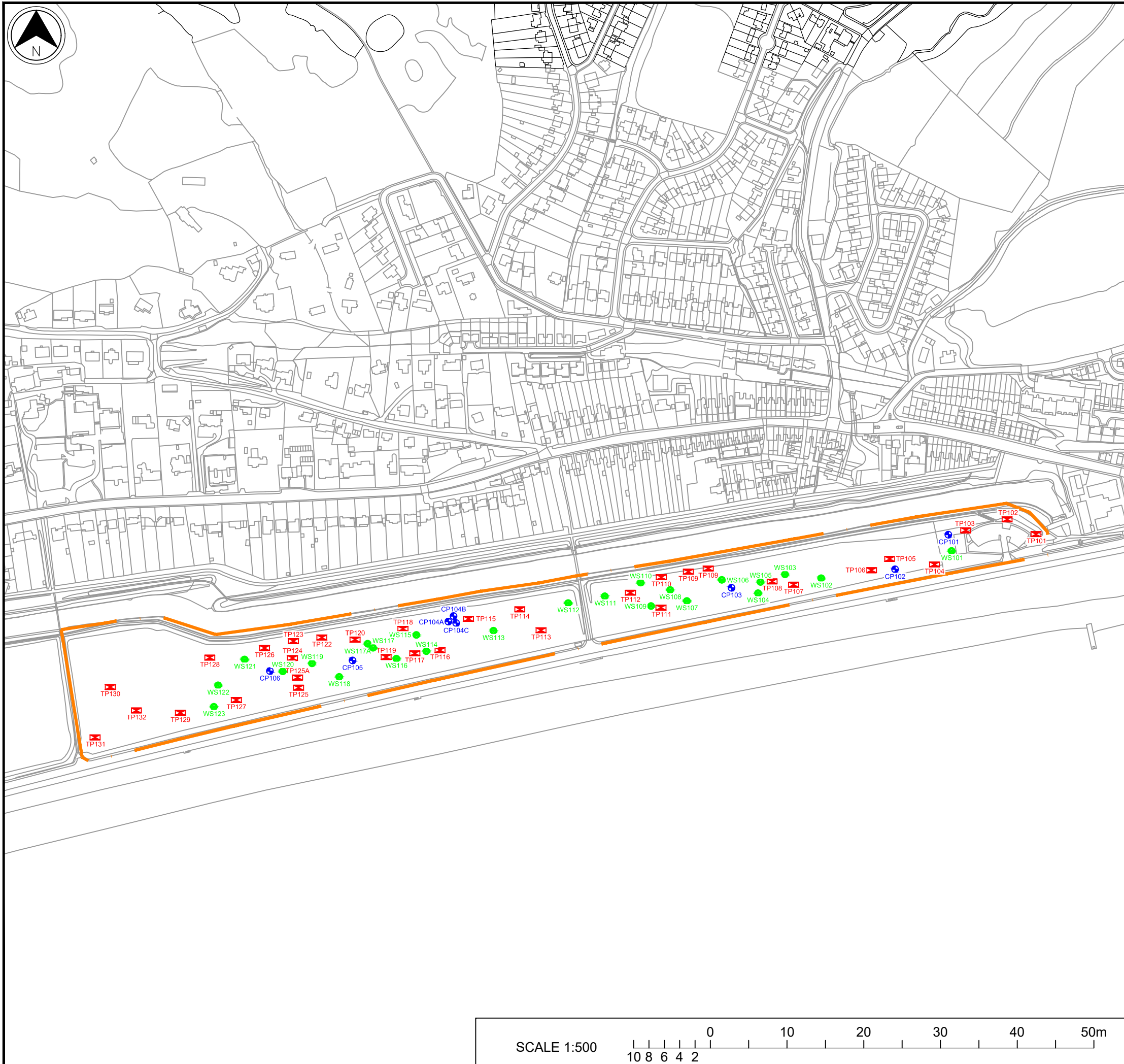
- 6.1 To date groundwater level monitoring has been undertaken on one occasion– 10 May 2021. Two additional rounds are due to be undertaken and will be reported under separate cover.
- 6.2 The six boreholes were installed with data loggers, which record hourly water level readings. This will enable measurement of the tidal range of groundwater.
- 6.3 All six borehole wells (CP101 to CP106) and three shallow wells (WS116, WS121 and WS123) contained the groundwater. Resting water levels were recorded at 3.78 – 5.78 m bgl.
- 6.4 Prior to sampling boreholes were thoroughly purged to ensure the collection of representative groundwater samples. Groundwater levels in all of the boreholes were noted to recharge after purging.
- 6.5 Samples were collected in dedicated clean bailers and submitted to the laboratory for analysis of contamination suites, as follows:

- i.* Water Midi Suite (As, Cd, Cr, Hex, Cr, Cu, Ni, Zn, Pb, Hg, Se, B, Cyanide, SO₄, S, pH, phenol);
 - ii.* Polycyclic Aromatic Hydrocarbons [PAH] Speciation (EPA 16 by GC-FID);
 - iii.* Total petroleum hydrocarbons [TPH] Criteria Working Group [CWG] full speciation by GC-FID (including Aliphatics, Aromatics, BTEX, MTBE, RBCA banding);
 - iv.* VOC by headspace GC-MS; and
 - v.* SVOC by GC-MS.
- 6.6 The groundwater laboratory chemical analysis results are currently being processed and will be provided in a revised report in Appendix 6. Groundwater level data is contained in Appendix 7.

SECTION 7 GAS MONITORING

- 7.1 Gas monitoring was undertaken on one occasion – 10 May 2021. Two additional rounds due to be undertaken. Levels of methane, carbon dioxide and oxygen were recorded in each standpipe, together with associated parameters including borehole flow and ambient air pressure. The results of these gas monitoring rounds are contained in Appendix 7.
- 7.2 The monitoring rounds were undertaken at barometric pressures ranging from 1001 to 1002 mb. No steady flow was recorded. No methane (CH₄) was detected, carbon dioxide (CO₂) was detected to a maximum of 7.4 % v/v, in WS101, with a corresponding depleted oxygen concentration of 13.3 % v/v.

APPENDIX 1 ▪ Drawings



Legend

- Approximate Site Boundary
- Approximate cone penetration location with reference
CPref
- Approximate window sample location with reference
WSref
- ▭ Approximate trial pit location with reference
TPref

FIRST ISSUE	14-05-2021	-
Issue Details	SNC	SM
Client	Dwn	Chd

PRELIMINARY

BAM CONSTRUCTION LTD

PRINCES PARADE

SITE INVESTIGATION LOCATIONS









Dwg No.	17436ai-304-003	Revision	-
Scale	1:500	Date	MAY 2021
Drawn	SNC	Checked	SM
		Approved	SM

London
Kent
Derbyshire
Manchester
Stirling

Cromford Mills, Mill Lane, Matlock, Derbyshire DE4 3RQ
t: +44(0)1773 829 988 e: info.derbyshire@idom.com

APPENDIX 2 ▪ Exploratory Hole Logs

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618806.00 - 134868.00	Date	07/04/2021
Location:	Hythe, Kent			Level:	5.00	Dimensions (m):	3.40
Equipment:	Mechanical backhoe excavator			Depth	3.40	Scale	1:25
						Logged	Checked
						NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.40	4.60		Grass overlying MADE GROUND comprising dark brown gravelly slightly sandy clay. Gravels are fine to coarse brick, concrete, flint and bituminous surfacing. Sands are fine to medium. <i>Angular boulder of bituminous surfacing.</i>
				0.70	4.30		MADE GROUND comprising brown slightly gravelly slightly sandy clay. Gravels are fine to coarse brick, concrete and bituminous surfacing. Sands are coarse.
	0.80	D,J					MADE GROUND comprising dark brown to brownish orange gravelly slightly clayey sand with rare cobbles. Gravels are fine to coarse angular to subangular brick, concrete, ceramic, flint, glass bottles and rare wood. Cobbles are angular brick and concrete. Sands are medium to coarse. <i>Electric cable within plastic ducting.</i>
				1.55	3.45		MADE GROUND comprising brown slightly gravelly clay. Gravels are fine to coarse angular brick, concrete and flint. Sands are fine.
	1.60	D,J					MADE GROUND comprising dark brown to brownish orange gravelly slightly clayey sand with rare cobbles. Gravels are fine to coarse angular to subangular brick, concrete, ceramic, flint, glass bottles and rare wood. Cobbles are angular brick and concrete. Sands are medium to coarse.
				1.70	3.30		MADE GROUND comprising brown slightly gravelly clay. Gravels are fine to coarse angular brick, concrete and flint. Sands are fine.
				2.40	2.60		MADE GROUND comprising brown slightly gravelly clay. Gravels are fine to coarse angular brick, concrete and flint. Sands are fine.
				2.70	2.30		Brown slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are fine. [STORM BEACH DEPOSITS]
	3.00	D,J					
				3.40	1.60		End of Pit at 3.400m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability

Pit walls collapsed between 2.7m and 3.4m bgl.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618723.00 - 134876.00	Date	08/04/2021
Location:	Hythe, Kent			Level:	5.00	Dimensions (m):	3.60
Equipment:	Mechanical backhoe excavator			Depth	4.00	Scale	1:25
						Logged	Checked
						NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.40	4.60		Grass overlying MADE GROUND comprising soft dark brown slightly gravelly slightly sandy clay with rootlets. Gravels are fine to coarse angular to rounded flint and brick. Sands are fine.
							<i>Hard plastic panel (1m by 1m).</i>
	0.80	D,J					MADE GROUND comprising soft brown slightly gravelly sandy clay with occasional cobbles. Gravels are fine to coarse angular brick, concrete, flint, rare metal, plastic and glass. Cobbles are angular brick and concrete. Sands are fine.
				2.10	2.90		MADE GROUND comprising soft yellowish brown very slightly gravelly slightly sandy clay. Gravels are fine to coarse angular brick, concrete and flint. Sands are fine.
	2.20	D,J					
				2.60	2.40		MADE GROUND comprising greyish brown to brownish orange slightly clayey gravelly sand with rare cobbles. Gravels are fine to coarse angular to subangular brick, concrete, ceramics, flint and glass. Cobbles are angular brick and concrete. Sands are medium to coarse.
	2.80	D,J					
				3.50	1.50		Brown slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are fine. [STORM BEACH DEPOSITS]
				4.00	1.00		End of Pit at 4.000m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Pit remained stable.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618781.00 - 134886.00	Date	08/04/2021
Location:	Hythe, Kent			Level:	5.00	Scale	1:25
Equipment:	Mechanical backhoe excavator			Dimensions (m):	3.50	Logged	Checked
				Depth	4.70	NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.30	D,J					Grass overlying MADE GROUND comprising soft dark brown slightly gravelly slightly sandy clay with rootlets. Gravels are fine to medium angular to rounded flint and brick. Sands are fine.
	1.00	D,J		0.85	4.15		MADE GROUND comprising soft brown mottled dark grey slightly gravelly slightly sandy clay with rare cobbles. Gravels are fine to coarse angular brick, concrete and flint. Cobbles are angular concrete and bituminous surfacing. Sands are fine.
	1.50	D,J		1.40	3.60		MADE GROUND comprising greyish brown to brownish orange gravelly slightly clayey sand with rare cobbles. Gravels are fine to coarse angular to subangular brick, concrete, bituminous surfacing, ceramics, flint, glass bottles and rare plastic. Cobbles are angular brick and concrete. Sands are medium to coarse.
							Bundle of old electric wires.
				4.70	0.30		End of Pit at 4.700m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Pit remained stable.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618708.00 - 134841.00	Date	07/04/2021
Location:	Hythe, Kent			Level:	3.00	Dimensions (m):	3.70
Equipment:	Mechanical backhoe excavator			Depth	3.50	Scale	1:25
						Logged	Checked
						NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.20	2.80		Dry vegetation over TOPSOIL comprising soft dark brown slightly gravelly slightly sandy clay with rootlets. Gravels are fine to medium subangular to rounded flint. Sands are fine.
				0.70	2.30		MADE GROUND comprising soft dark brown slightly gravelly slightly sandy clay with rare cobbles. Gravels are fine to coarse angular brick, concrete and flint. Cobbles are angular concrete. Sands are fine. <i>Plastic tube.</i>
	0.90	D,J		1.20	1.80		MADE GROUND comprising brown very gravelly sand. Gravels are fine to coarse angular to rounded brick, flint and rare glass. Sands are fine to medium.
				2.20			MADE GROUND comprising soft dark brown slightly gravelly sandy clay with rare cobbles. Gravels are fine to coarse angular brick, concrete and flint. Cobbles are angular concrete. Sands are fine.
				2.80	0.20		Brown slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are fine. [STORM BEACH DEPOSITS]
				3.50	-0.50		End of Pit at 3.500m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability






Pit walls collapsed between 2.8m and 3.5m bgl.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618676.00 - 134845.00	Date	07/04/2021
Location:	Hythe, Kent			Level:	5.00	Dimensions (m):	3.40
Equipment:	Mechanical backhoe excavator			Depth	4.50	Scale	1:25
						Logged	Checked
						NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.30	D,J		0.80	4.20		Dry vegetation over TOPSOIL comprising soft dark brown slightly gravelly slightly sandy clay with rootlets. Gravels are fine to medium subangular to rounded flint. Sands are fine.
				1.20	3.80		MADE GROUND comprising soft dark brown slightly gravelly slightly sandy clay with rare cobbles. Gravels are fine to coarse angular brick, concrete and flint. Cobbles are angular concrete. Sands are fine.
	1.30	D,J		1.60	3.40		MADE GROUND comprising dark grey sandy gravel. Gravels are fine to coarse angular brick, concrete and bituminous surfacing. Sands are coarse.
							MADE GROUND comprising greyish brown to brownish orange gravelly slightly clayey sand with rare cobbles. Gravels are fine to coarse angular to subangular brick, concrete, bituminous surfacing, ceramics, flint, glass bottles and rare plastic. Cobbles are angular brick and concrete. Sands are medium to coarse.
	4.40	D,J		4.20	0.80		Brown slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are fine. [STORM BEACH DEPOSITS]
				4.50	0.50		End of Pit at 4.500m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Pit remained stable.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618663.00 - 134839.00	Date	07/04/2021
Location:	Hythe, Kent			Level:	3.00	Scale	1:25
Equipment:	Mechanical backhoe excavator			Dimensions (m):	3.60	Logged	Checked
				Depth	4.10	NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.60	D,J		0.45	2.55		Dry vegetation over TOPSOIL comprising soft dark brown slightly gravelly slightly sandy clay with rootlets. Gravels are fine to medium subangular to rounded flint. Sands are fine.
							MADE GROUND comprising soft dark brown slightly gravelly slightly sandy clay with rare cobbles. Gravels are fine to coarse angular brick, concrete and flint. Cobbles are angular concrete. Sands are fine.
	1.50	D,J		1.45	1.55		MADE GROUND comprising off-white gravelly clay. Gravels are fine to coarse angular chalk.
				1.70	1.30		MADE GROUND comprising dark brown to brownish orange gravelly slightly clayey sand with rare cobbles. Gravels are fine to coarse angular to subangular brick, concrete, ceramic, flint, glass bottles, rare charcoal, plastic and metal. Cobbles are angular brick. Sands are medium to coarse.
	2.00	D,J		2.90	0.10		MADE GROUND comprising yellowish brown very slightly gravelly sand with a moderate chemical (medical / dental wash) odour. Gravels are fine to medium angular brick. Sands are fine to medium.
				3.10	-0.10		MADE GROUND comprising dark brown to brownish orange gravelly slightly clayey sand with rare cobbles. Gravels are fine to coarse angular to subangular brick, concrete, ceramic, flint, glass bottles, rare charcoal, plastic and metal. Cobbles are angular brick. Sands are medium to coarse.
	3.00	D,J		3.50	-0.50		Brown slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are fine. [STORM BEACH DEPOSITS]
				4.10	-1.10		End of Pit at 4.100m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability





Pit walls collapsed between 3.5m and 4.1m bgl.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.:	22281	Co-ords:	618535.00 - 134815.00	Date:	06/04/2021
Location:	Hythe, Kent			Dimensions (m):	2.50	Scale:	1:25
Equipment:	10 ton mechanical excavator			Depth:	4.00	Logged:	SJM

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	1.20	D,J		1.00	2.00		Grass and nettles overlying MADE GROUND comprising dark brown slightly gravelly slightly sandy clay. Gravels are medium subangular flint and brick. Sands are coarse.
							MADE GROUND comprising dark brown mottled orangish brown gravelly sandy clay. Gravels are medium to coarse subangular flint, brick, metal, charcoal, concrete, glass and plastic. Sands are coarse.
							Wooden log (1.5 m long, 0.3 m diameter).
				3.00	0.00		Greyish brown very sandy slightly clayey GRAVEL. Gravels are medium rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]
				4.00	-1.00		End of Pit at 4.000m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability




Large pit side collapse from 0 to 2.0 m bgl.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.




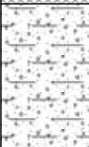
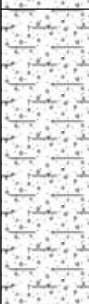
Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618522.00 - 134817.00	Date	06/04/2021
Location:	Hythe, Kent			Level:	4.00	Scale	1:25
Equipment:	11 ton mechanical excavator			Dimensions (m):	2.50	Logged	Checked
				Depth	4.00	SJM	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.40	D,J		0.90	3.10		Grass and nettles overlying MADE GROUND comprising dark brown slightly gravelly slightly sandy clay. Gravels are medium subangular flint, brick and plastic. Sands are coarse.
	2.10 2.20	B D,J		3.20	0.80		MADE GROUND comprising dark brown mottled orangish brown gravelly sandy clay. Gravels are medium to coarse subangular flint, brick, metal, concrete, glass, plastic and asbestos. Sands are coarse. <i>Potential asbestos containing material.</i>
				4.00	0.00		Brown very sandy GRAVEL. Gravels are medium to coarse rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]
							End of Pit at 4.000m

D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)	Stability Pit sides collapsing from 3.2 to 4.0 m bgl.	Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to excavation.
---	---	---

Project Name:	Princes Parade	Project No.:	22281	Co-ords:	618453.00 - 134825.00	Date:	06/04/2021
Location:	Hythe, Kent			Level:	4.00	Scale:	1:25
Equipment:	12 ton mechanical excavator			Dimensions (m):	2.50	Logged	Checked
				Depth	5.20	SJM	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				1.00	3.00		Grass and nettles overlying MADE GROUND comprising dark brown slightly gravelly slightly sandy clay. Gravels are medium subangular flint, brick and plastic. Sands are coarse.
	2.20	D,J					MADE GROUND comprising dark brown mottled orangish brown gravelly sandy clay. Gravels are medium to coarse subangular flint, brick, metal, concrete, glass and plastic. Sands are coarse. <i>Abundant barbed wire.</i>
				3.00	1.00		MADE GROUND comprising greenish brown slightly gravelly very sandy clay. Gravels are medium angular glass and brick. Sands are medium.
	3.40	D,J		3.50	0.50		Greyish brown very sandy slightly clayey GRAVEL. Gravels are medium rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]
				4.00	0.00		Off-white very sandy clayey GRAVEL. Gravels are medium rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]
	5.00	D,J					

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Stable pit sides.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.



TRIAL PIT LOG

TrialPit No

TP109

Sheet 2 of 2

Project Name:

Princes Parade

Project No.
22281Co-ords: 618453.00 - 134825.00
Level: 4.00Date
06/04/2021

Location:

Hythe, Kent

Dimensions (m):

2.50

Scale
1:25

Equipment:


12 ton mechanical excavator

Depth
5.20

0.45

Logged
SJM

Checked

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				5.20	-1.20		Off-white very sandy clayey GRAVEL. Gravels are medium rounded flint. Sands are coarse. [STORM BEACH DEPOSITS] End of Pit at 5.200m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability

Stable pit sides.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to excavation.

6

7

8

9

10

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618419.00 - 134823.00	Date	01/04/2021
Location:	Hythe, Kent			Level:	3.00	Scale	1:25
Equipment:	13 ton mechanical excavator			Dimensions (m):	3.50	Logged	Checked
				Depth	4.30	NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	1.05	D,J		1.00	2.00		Dry vegetation overlying MADE GROUND comprising soft dark brown gravelly slightly sandy clay. Gravels are fine to coarse angular brick, concrete and flint. Sands are fine to medium.
				1.10	1.90		MADE GROUND comprising soft greyish brown and orangish brown slightly gravelly slightly sandy clay. Gravels are medium to coarse angular to subangular brick, glass and rare plastic. Sands are fine to medium.
				1.30	1.70		MADE GROUND comprising yellowish brown slightly gravelly sand. Gravels are fine to coarse angular brick and concrete. Sands are fine to medium.
	2.30	D,J					MADE GROUND comprising soft greyish brown and orangish brown slightly gravelly slightly sandy clay. Gravels are medium to coarse angular to subangular metal, brick, concrete, flint and rare glass. Sands are fine to medium. <i>Bundles of metal barbed wire.</i>
				3.80	-0.80		Greyish brown very slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]
				4.00	-1.00		Soft to firm bluish grey slightly sandy CLAY. Sands are fine to medium. [TIDAL FLAT DEPOSITS]
				4.30	-1.30		End of Pit at 4.300m





D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Pit remained stable.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618429.00 - 134795.00	Date	01/04/2021
Location:	Hythe, Kent			Level:	4.00	Scale	1:25

Equipment:	13 ton mechanical excavator			Dimensions (m):	3.30	Logged	Checked
				Depth	3.20	NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.80	3.20		Dry vegetation overlying MADE GROUND comprising soft dark brown gravelly slightly sandy clay. Gravels are fine to coarse angular brick, concrete and flint. Sands are fine to medium.	
				1.20	2.80		MADE GROUND comprising very dark grey slightly gravelly clay. Gravels are fine to coarse angular brick.	1
	1.40	D,J		2.40	1.60		MADE GROUND comprising yellowish brown slightly gravelly sand. Gravels are fine to coarse angular brick and concrete. Sands are fine to medium.	2
				2.90			Greyish brown very slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	3
				3.20	0.80		End of Pit at 3.200m	4
								5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability






Pit walls collapsed between ground level and 3.2m bgl.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618375.00 - 134792.00	Date	01/04/2021
Location:	Hythe, Kent			Level:	3.00	Scale	1:25
Equipment:	13 ton mechanical excavator			Dimensions (m):	3.20	Logged	Checked
				Depth	4.60	NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	D,J		1.30	1.70		Dry vegetation overlying MADE GROUND comprising soft dark brown gravelly slightly sandy clay. Gravels are fine to coarse angular brick, concrete and flint. Sands are fine to medium.	1
				1.80	1.20		MADE GROUND comprising soft greyish brown and orangish brown slightly gravelly slightly sandy clay. Gravels are medium to coarse angular to subangular brick, concrete, plastic, flint and rare glass. Sands are fine to medium.	
	2.00	D,J		2.10	0.90		MADE GROUND comprising yellowish brown slightly gravelly sand. Gravels are fine to medium angular to subangular brick, concrete and rare glass. Sands are fine to medium.	2
	2.20	B					MADE GROUND comprising soft greyish brown and orangish brown slightly gravelly slightly sandy clay. Gravels are medium to coarse angular to subangular brick, concrete, flint, metal, plastic and rare glass. Sands are fine to medium. <i>Potential asbestos containing material.</i>	3
	3.90	D,J		3.70	-0.70		Brown slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	4
				4.60	-1.60		End of Pit at 4.600m	5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability

Pit walls collapsed between 3.7m and 4.6m bgl.






Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords: 618303.00 - 134774.00	Date
				Level: 3.00	01/04/2021

Location:	Hythe, Kent	Dimensions (m):	3.40	Scale	1:25
Equipment:	13 ton mechanical excavator	Depth	5.00	Logged	Checked
				NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.90	2.10		Dry vegetation overlying MADE GROUND comprising soft dark brown gravelly slightly sandy clay with roots. Gravels are medium to coarse angular brick, concrete and flint. Sands are fine to medium.	
	1.60	D,J					MADE GROUND comprising soft greyish brown and orangish brown slightly gravelly slightly sandy clay. Gravels are medium to coarse angular to subangular brick, concrete, flint, plastic, metal, glass and rare wood. Sands are fine to medium.	1
				2.20	0.80		MADE GROUND comprising very dark grey slightly sandy gravelly clay with a weak organic odour. Cobbles are common angular brick and concrete. Gravels are fine to coarse angular to subangular brick, concrete, wood, plastic and vary rare glass. Sands are fine to medium.	2
	3.00	D,J					MADE GROUND comprising very dark grey slightly sandy gravelly clay with a weak organic odour. Cobbles are common angular brick and concrete. Gravels are fine to coarse angular to subangular brick, concrete, wood, plastic and vary rare glass. Sands are fine to medium.	3
				4.10	-1.10		Greyish brown slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	4
				5.00	-2.00		End of Pit at 5.000m	5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Pit remained stable.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618287.00 - 134790.00	Date	01/04/2021
Location:	Hythe, Kent			Level:	3.00	Dimensions (m):	2.80
Equipment:	13 ton mechanical excavator			Depth	5.50	Scale	1:25
						Logged	Checked
						NJA	


Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.30	D,J		0.65	2.35		Dry vegetation overlying MADE GROUND comprising soft dark brown gravelly slightly sandy clay with roots. Gravels are medium to coarse angular brick, concrete and flint. Sands are fine to medium.
							MADE GROUND comprising soft greyish brown and orangish brown slightly gravelly slightly sandy clay. Gravels are medium to coarse angular to subangular brick, concrete, flint, plastic, glass and occasional wood. Sands are fine to medium.
							1
							2
	3.00	D,J		2.70	0.30		MADE GROUND comprising soft very dark grey slightly gravelly sandy clay with a moderate organic odour. Gravels are fine to coarse angular to subangular brick, concrete, flint, metal and a couple of angular boulders of brick. Sands are fine to medium.
							Dark grey clayey GRAVEL with a moderate hydrocarbon odour. Gravels are fine to coarse subrounded to rounded flint. [STORM BEACH DEPOSITS]
							3
							4
	3.80	D,J		4.40	-1.40		Firm greenish grey slightly sandy CLAY. Sand is fine to coarse. [TIDAL FLAT DEPOSITS]
							5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Pit remained stable.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Slight hydrocarbon odour between 3.4m and 4.4m bgl.





Project Name:	Princes Parade	Project No.	22281	Co-ords:	618287.00 - 134790.00	Date	01/04/2021
Location:	Hythe, Kent			Level:	3.00	Scale	1:25
Equipment:	13 ton mechanical excavator			Dimensions (m):	2.80	Logged	Checked
				Depth	5.50	NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				5.50	-2.50		Firm greenish grey slightly sandy CLAY. Sand is fine to coarse. [TIDAL FLAT DEPOSITS]
							End of Pit at 5.500m

D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)	Stability Pit remained stable.	Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Slight hydrocarbon odour between 3.4m and 4.4m bgl.
---	--	--

Project Name:	Princes Parade	Project No.	22281	Co-ords: 618262.00 - 134784.00	Date
				Level: 3.00	01/04/2021

Location:	Hythe, Kent	Dimensions (m):	3.30	Scale	1:25
Equipment:	13 ton mechanical excavator	Depth	5.50	Logged	Checked
				NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.70	2.30		Dry vegetation overlying MADE GROUND comprising soft dark brown gravelly slightly sandy clay. Gravels are medium to coarse angular brick, concrete, flint and rare plastic. Sands are fine to medium. <i>Angular boulder of concrete.</i>	
	1.20	D,J					MADE GROUND comprising soft greyish brown and orangish brown sandy slightly gravelly clay. Gravels are medium to coarse angular to subangular brick, concrete, flint, plastic, glass and rare metal. Sands are fine to medium. <i>Rubber tyre and metal radiator</i>	1
	2.70	D,J		2.50	0.50		MADE GROUND comprising soft very dark grey slightly gravelly sandy clay with a weak hydrocarbon odour. Gravels are fine to coarse angular to subangular brick, concrete, flint, paper, wood, rare glass and rare cloth. Sands are fine to medium. <i>Common wooden blanks.</i>	3
				4.50	-1.50		Grey slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. [STORM BEACH DEPOSITS]	5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Pit remained stable.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Slight hydrocarbon odour between 2.5m and 4.5m bgl.



TRIAL PIT LOG

TrialPit No

TP115

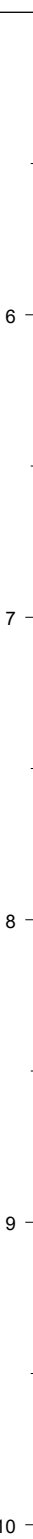
Sheet 2 of 2

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618262.00 - 134784.00	Date	01/04/2021
				Level:	3.00		



Location:	Hythe, Kent	Dimensions (m):	3.30	Scale	1:25
Equipment:	13 ton mechanical excavator	Depth	5.50	Logged	Checked
				NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				5.50	-2.50		Grey slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. [STORM BEACH DEPOSITS]
							End of Pit at 5.500m

<p>D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)</p>	<p>Stability Pit remained stable.</p>	<p>Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Slight hydrocarbon odour between 2.5m and 4.5m bgl.</p>
--	---	---



Project Name:	Princes Parade	Project No.	22281	Co-ords:	618245.00 - 134756.00	Date	31/03/2021
Location:	Hythe, Kent			Level:	3.00	Scale	1:25
Equipment:	13 ton mechanical excavator			Dimensions (m):	3.10	Logged	Checked
				Depth	2.50	NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.90	2.10		Dry vegetation overlying MADE GROUND comprising soft dark brown gravelly slightly sandy clay. Gravels are medium to coarse angular brick, concrete, flint and rare plastic. Sands are fine to medium. <i>Metal bar (10 cm diameter).</i>
	1.30	D,J		1.20	1.80		MADE GROUND comprising soft brown slightly sandy gravelly clay. Gravels are fine to coarse angular brick, concrete, flint, plastic and cloth with some angular cobbles of concrete. Sand is fine to medium.
				1.90	1.10		MADE GROUND comprising brownish yellow very slightly clayey gravelly sand. Gravels are fine to coarse subangular to rounded flint, brick glass and plastic. Sands are fine to medium.
	2.10	D,J		2.50	0.50		MADE GROUND comprising soft brown slightly sandy gravelly clay. Gravels are fine to coarse angular brick, concrete, flint, glass, plastic and metal. Sands are fine to medium.
							End of Pit at 2.500m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability





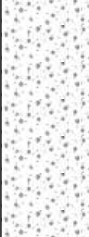
Pit walls collapsed between ground level and 2.5m bgl

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618218.00 - 134754.00	Date	31/03/2021
Location:	Hythe, Kent			Level:	3.00	Scale	1:25
Equipment:	13 ton mechanical excavator			Dimensions (m):	3.50	Logged	Checked
				Depth	4.50	NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.10	D,J		0.80	2.20		Dry vegetation overlying MADE GROUND comprising soft dark brown gravelly slightly sandy clay. Gravels are medium to coarse angular brick, concrete, flint and rare plastic. Sands are fine to medium.	
							MADE GROUND comprising soft brown gravelly slightly sandy clay. Gravels are fine to coarse angular brick, concrete, flint, plastic, rare metal and rare glass. Sands are fine to medium. <i>Frequent angular cobbles of concrete. Metal bar (5 cm diameter).</i>	1
				2.00	1.00		MADE GROUND comprising soft brown gravelly slightly sandy clay. Gravels are fine to coarse angular brick, concrete, flint, metal, plastic and rare glass. Sands are fine to medium. <i>Half a metal drum.</i>	2
	2.80	D,J		2.60	0.40		MADE GROUND comprising soft slightly gravelly slightly sandy clay. Gravels are fine to medium angular to rounded brick, flint and rare metal. Sands are fine.	3
	4.00	D,J		3.70	-0.70		Grey very slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	4
				4.50	-1.50		End of Pit at 4.50m	5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability






Pit walls collapsed between 3.7m and 4.5m bgl.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618198.00 - 134762.00	Date	31/03/2021
Location:	Hythe, Kent			Level:	3.00	Dimensions (m):	2.50
Equipment:				Depth	5.00	Scale	1:25
						Logged	Checked
						SJM	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.30	D,J		0.60	2.40		Grass and nettles overlying MADE GROUND comprising dark brown slightly gravelly slightly sandy clay. Gravels are medium subangular brick, plastic and flint. Sands are coarse.
							MADE GROUND comprising dark brown gravelly sandy clay with occasional cobbles and boulders and 20% plastic bags. Gravels are coarse angular plastic, cloth, concrete, metal, brick and glass. Sands are coarse.
				3.20	-0.20		MADE GROUND comprising black mottled greenish grey gravelly very sandy clay with a moderate organic odour. Gravels are medium subangular glass, clinker, metal and flint. Sands are coarse.
	4.30	D,J		4.10	-1.10		MADE GROUND comprising black mottled greenish grey clayey gravel with a moderate organic odour. Gravels are medium subangular flint and wood. Sands are coarse.
				4.60	-1.60		Firm greenish grey slightly sandy CLAY. Sands are coarse subangular shells. [TIDAL FLAT DEPOSITS]
				5.00	-2.00		End of Pit at 5.000m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Minor side wall collapses.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618160.00 - 134754.00	Date	31/03/2021
Location:	Hythe, Kent			Level:	4.00	Scale	1:25
Equipment:				Dimensions (m):	2.50	Logged	Checked
				Depth	4.40	SJM	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.60	3.40		Grass and nettles overlying MADE GROUND comprising dark brown slightly gravelly slightly sandy clay. Gravels are medium subangular plastic and flint. Sands are coarse.
	1.40	D,J					MADE GROUND comprising dark brown gravelly sandy clay with occasional cobbles and boulders and 20% plastic bags. Gravels are coarse angular plastic, concrete, metal, brick and glass. Sands are coarse.
				2.70	1.30		MADE GROUND comprising black mottled greenish grey gravelly very sandy clay with a weak hydrocarbon odour. Gravels are medium subangular glass, clinker, metal and flint. Sands are coarse.
	3.00	D,J					
				3.90	0.10		
	4.10	D,J		4.00	0.00		MADE GROUND comprising black mottled greenish grey gravelly very sandy clay with a moderate organic odour. Gravels are medium subangular flint and wood. Sands are coarse.
				4.40	-0.40		Firm greenish grey slightly sandy CLAY. Sands are coarse subangular shells. [TIDAL FLAT DEPOSITS]
							End of Pit at 4.400m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Minor side wall collapses.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618131.00 - 134755.00	Date	31/03/2021
Location:	Hythe, Kent			Level:	4.00	Dimensions (m):	2.50
Equipment:				Depth	4.80	Scale	1:25
						Logged	Checked
						SJM	






Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.60	3.40		Grass and nettles overlying MADE GROUND comprising dark brown slightly gravelly slightly sandy clay. Gravels are medium subangular plastic and flint. Sands are coarse.
	1.80	D,J					MADE GROUND comprising dark brown gravelly sandy clay with occasional cobbles and boulders and 20% plastic bags. Gravels are coarse angular plastic, concrete, metal, brick and glass. Sands are coarse.
							<i>Tyre identified.</i>
				3.50	0.50		MADE GROUND comprising black mottled greenish grey gravelly very sandy clay with a moderate organic odour. Gravels are medium subangular glass, clinker, metal and flint. Sands are coarse.
				4.00	0.00		Greyish brown very sandy slightly clayey GRAVEL. Gravels are medium rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]
▼	4.70	D,J		4.80	-0.80		Dark grey water coating the flint.
							End of Pit at 4.800m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Minor side wall collapses.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618101.00 - 134724.00	Date	31/03/2021
Location:	Hythe, Kent			Level:	3.00	Scale	1:25
Equipment:				Dimensions (m):	2.50	Logged	Checked
				Depth	3.80	SJM	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.50	D,J		0.60	2.40		Grass and nettles overlying MADE GROUND comprising dark brown slightly gravelly slightly sandy clay. Gravels are medium subangular plastic and flint. Sands are coarse.
							MADE GROUND comprising dark brown gravelly sandy clay with occasional cobbles and boulders and 20% plastic bags. Gravels are coarse angular plastic, concrete, fibre glass, metal, brick and glass. Sands are coarse. <u>90% plastic bags and bottles.</u>
				2.50	0.50		MADE GROUND comprising black mottled greenish grey gravelly very sandy clay with a moderate organic odour. Gravels are medium subangular glass, clinker, metal and flint. Sands are coarse.
	3.20	D,J		3.30	-0.30		Greyish brown very sandy slightly clayey GRAVEL. Gravels are medium rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]
	3.70	D,J		3.80	-0.80		End of Pit at 3.800m

D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)	Stability Minor side wall collapses.	Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to excavation.
---	--	---


Project Name:	Princes Parade	Project No.	22281	Co-ords:	618099.00 - 134757.00	Date	31/03/2021
Location:	Hythe, Kent			Level:	4.00	Scale	1:25
Equipment:				Dimensions (m):	2.50	Logged	Checked
				Depth	5.20	SJM	


Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.50	3.50		Grass and nettles overlying MADE GROUND comprising dark brown slightly gravelly slightly sandy clay. Gravels are medium subangular plastic and flint. Sands are coarse.
	1.90	D,J					MADE GROUND comprising dark brown gravelly sandy clay with occasional cobbles and boulders and 20% plastic bags. Gravels are coarse angular plastic, concrete, metal, brick and glass. Sands are coarse.
				3.30	0.70		MADE GROUND comprising greenish grey slightly gravelly very sandy clay with a strong organic odour. Gravels are fine to medium subangular wood, paper and glass. Sands are medium.
	3.50	D,J					MADE GROUND comprising dark grey slightly gravelly very sandy clay with a strong organic odour. Gravels are
				4.80	-0.80		
				5.00	-1.00		

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Minor side wall collapses.






Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords: 618099.00 - 134757.00	Date	31/03/2021
Location:	Hythe, Kent			Level: 4.00	Dimensions (m):	2.50
Equipment:				Depth	5.20	Scale 1:25
				0.45		Logged
						Checked
				SJM		

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	5.10	D,J		5.20	-1.20		<p>MADE GROUND comprising dark grey slightly gravelly very sandy clay with a strong organic odour. Gravels are fine to medium subangular wood, paper and glass. Sands are medium.</p> <p>Firm greenish grey slightly sandy CLAY. Sands are coarse subangular shells. [TIDAL FLAT DEPOSITS]</p> <p>End of Pit at 5.200m</p>
							6
							7
							8
							9
							10

D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)	Stability Minor side wall collapses.	Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to excavation.
---	--	---

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618072.00 - 134751.00	Date	30/03/2021
Location:	Hythe, Kent			Level:	4.00	Scale	1:25
Equipment:				Dimensions (m):	2.50	Logged	Checked
				Depth	5.20	SJM	


Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.50	3.50		Grass and nettles overlying MADE GROUND comprising dark brown slightly gravelly slightly sandy clay. Gravels are medium subangular plastic and flint. Sands are coarse.
	1.80	D,J					MADE GROUND comprising dark brown gravelly sandy clay with occasional cobbles and 20% plastic bags. Gravels are coarse angular plastic, concrete, metal, brick and glass. Sands are coarse.
	2.70	D,J		2.60	1.40		MADE GROUND comprising greenish grey slightly gravelly very sandy clay with a strong organic odour. Gravels are fine to medium subangular wood, paper and glass. Sands are medium.
				4.50	-0.50		<i>Weak hydrocarbon odour and black staining on wood.</i>
				4.60	-0.60		Dark grey medium subrounded flint GRAVEL. [STORM BEACH DEPOSITS] Firm greenish grey slightly sandy CLAY. Sands are coarse subangular shells. [TIDAL FLAT DEPOSITS]

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Minor side wall collapses.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618072.00 - 134751.00	Date	30/03/2021
Location:				Hythe, Kent		Dimensions (m):	
Equipment:				Depth		Scale	
				5.20		1:25	
				0.45		Logged	
						Checked	
				SJM			

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				5.20	-1.20		Firm greenish grey slightly sandy CLAY. Sands are coarse subangular shells. [TIDAL FLAT DEPOSITS] End of Pit at 5.200m
							6
							7
							8
							9
							10

D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)	Stability Minor side wall collapses.	Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to excavation.
---	--	---

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618077.00 - 134741.00	Date	30/03/2021
Location:	Hythe, Kent			Level:	4.00	Dimensions (m):	3.40
Equipment:	13 ton mechanical excavator			Depth	4.80	Scale	1:25
						Logged	Checked
						NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.70	3.30		Dry vegetation over MADE GROUND comprising soft dark brown gravelly slightly sandy clay. Gravels are medium to coarse angular brick, concrete, flint, plastic, glass and wood. Sands are fine to medium.
	1.00	D,J					MADE GROUND comprising soft greyish brown and orangish brown slightly gravelly slightly sandy clay. Gravels are medium to coarse angular to subangular brick, concrete, flint, glass, plastic, rare metal and rare paper. Sands are fine to medium.
							<i>Cobbles and boulders of angular concrete and brick with greenish yellow mortar.</i>
				3.70	0.30		MADE GROUND comprising brown slightly clayey slightly sandy gravel. Gravels are fine to coarse angular to subrounded brick, concrete, flint, wood and metal. Sands are fine to medium.
	3.80	D,J					
				4.50	-0.50		Firm greenish grey slightly sandy CLAY. Sands are fine to coarse. [TIDAL FLAT DEPOSITS]
	4.60	D,J					
				4.80	-0.80		End of Pit at 4.800m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability

Pit walls collapsed between 3.5m and 4.8m bgl.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to excavation.



TRIAL PIT LOG

TrialPit No

TP125

Sheet 1 of 1

Project Name:

Princes Parade

Project No.

22281

Co-ords: 618084.00 - 134715.00

Level: 3.00

Date

30/03/2021

Location:

Hythe, Kent

Dimensions (m):

3.60

Scale

1:25

Equipment:

13 ton mechanical excavator

Depth


0.60

0.60

Logged

NJA

Checked

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.60	2.40		Dry vegetation overlying MADE GROUND comprising soft dark brown slightly gravelly slightly sandy clay. Gravels are medium angular brick, concrete and flint. Sands are fine to medium. Potential service encountered at 0.6m bgl.
							End of Pit at 0.600m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability

Pit remained stable.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618082.00 - 134720.00	Date	30/03/2021
Location:	Hythe, Kent			Level:	3.00	Dimensions (m):	2.90
Equipment:	13 ton mechanical excavator			Depth	5.20	Scale	1:25
						Logged	Checked
						NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.60	2.40		Dry vegetation over MADE GROUND comprising soft dark brown slightly gravelly slightly sandy Clay. Gravels are medium angular brick, concrete and flint. Sand is fine to medium. Potential service encountered at 0.6m bgl.
				1.20	1.80		MADE GROUND comprising soft greyish brown and orangish brown slightly gravelly slightly sandy clay. Gravels are medium to coarse angular to subangular brick, concrete, flint, plastic, glass, rare metal and rare cloth. Sands are fine to medium.
	1.50	D,J					MADE GROUND comprising brown slightly sandy clayey Gravel. Gravels are fine to coarse angular to subangular brick, concrete, flint, plastic and wood. Sands are fine to medium. <u>Bag of medical needles.</u> <u>Potential metal boiler / gasket.</u>
				3.10	-0.10		MADE GROUND comprising slightly gravelly slightly clayey sand. Gravels are fine to coarse angular brick and concrete. Sands are fine to medium.
	3.20	D,J					MADE GROUND comprising dark grey gravelly sand. Gravels are fine to coarse angular brick, concrete, rare plastic and rare glass. Sands are fine to medium.
				4.50	-1.50		Grey slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]


D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Pit remained stable.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618082.00 - 134720.00	Date	30/03/2021
				Level:	3.00		

Location:	Hythe, Kent	Dimensions (m):	2.90	Scale	1:25
Equipment:	13 ton mechanical excavator	Depth	5.20	Logged	NJA
				Checked	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				5.20	-2.20		Grey slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are coarse. [STORM BEACH DEPOSITS] End of Pit at 5.200m
							6
							7
							8
							9
							10

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Pit remained stable.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	618019.00 - 134743.00	Date	30/03/2021
Location:	Hythe, Kent			Level:	4.00	Dimensions (m):	3.30
Equipment:	13 ton mechanical excavator			Depth	5.00	Scale	1:25
						Logged	Checked
						NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.40	D,J		1.10	2.90		Dry vegetation overlying MADE GROUND comprising soft dark brown gravelly slightly sandy clay. Gravels are medium to coarse angular brick, concrete, flint, rare plastic and rare wood. Sands are fine to medium.
	1.30	D,J					MADE GROUND comprising soft greyish brown and orangish brown slightly gravelly slightly sandy clay. Gravels are medium to coarse angular to subangular brick, concrete, flint, metal, plastic, glass and wood with rare angular cobbles of concrete. Sands are fine to medium.
	3.20	B		3.50	0.50		<p><i>Cloth blankets.</i></p> <p><i>2 angular concrete boulders.</i></p> <p><i>Potential asbestos containing material.</i></p>
	4.40	D,J					MADE GROUND comprising soft very dark grey slightly gravelly sandy clay with a moderate hydrocarbon odour. Gravels are medium to coarse angular to subrounded brick, concrete, flint, wood, glass and rare plastic . Sands are fine to medium.
	4.60	B					<p><i>wood timber post (1m long).</i></p> <p><i>Concrete obstruction at western end of the pit.</i></p>
							<p><i>Potential asbestos containing material.</i></p>
				4.90	-0.90		Firm greenish grey slightly sandy CLAY. Sands are fine
				5.00	-1.00		

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Pit remained stable.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.



TRIAL PIT LOG

TrialPit No

TP126

Sheet 2 of 2

Project Name:

Princes Parade

Project No.
22281Co-ords: 618019.00 - 134743.00
Level: 4.00Date
30/03/2021

Location:

Hythe, Kent

Dimensions (m):

3.30

Scale
1:25

Equipment:

13 ton mechanical excavator

Depth
5.00

0.60

Logged
NJA

Checked

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
							Firm greenish grey slightly sandy CLAY. Sands are fine to coarse. [TIDAL FLAT DEPOSITS] End of Pit at 5.000m
							6
							7
							8
							9
							10

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability







Pit remained stable.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to excavation.



Project Name:	Princes Parade	Project No.	22281	Co-ords:	617988.00 - 134702.00	Date	30/03/2021
Location:	Hythe, Kent			Level:	4.00	Scale	1:25
Equipment:	13 ton mechanical excavator			Dimensions (m):	3.50	Logged	Checked
				Depth	5.50	NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				1.20	2.80		Dry vegetation over MADE GROUND comprising soft dark brown slightly sandy gravelly clay. Gravels are medium to coarse angular brick, concrete, flint, rare plastic and rare wood. Sands are fine to medium.
	1.40	D,J					MADE GROUND comprising soft greyish brown and orangish brown slightly gravelly slightly sandy clay. Gravels are medium to coarse angular to subangular brick, concrete, flint, plastic, glass, rare metal and rare cloth. Sands are fine to medium.
				3.10	0.90		MADE GROUND comprising soft to firm greenish grey slightly gravelly sandy clay with a weak hydrocarbon odour. Gravels are medium to coarse angular brick, concrete, rare metal, rare glass and rare wood. Sands are fine to medium.
▼	3.40	D,J					MADE GROUND comprising soft to firm bluish grey very gravelly clay. Gravels are fine to coarse angular to rounded flint, brick, wood and rare plastic.
				4.50	-0.50		
	4.70	D,J		4.80	-0.80		Grey slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. [STORM BEACH

D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)	Stability Pit remained stable.	Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to excavation.
---	--	---

Project Name:	Princes Parade	Project No.	22281	Co-ords: 617988.00 - 134702.00	Date
				Level: 4.00	30/03/2021

Location:	Hythe, Kent	Dimensions (m):	3.50	Scale	1:25
Equipment:	13 ton mechanical excavator	Depth	0.60	Logged	Checked
		5.50		NJA	







Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				5.30	-1.30		Grey slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. [STORM BEACH DEPOSITS]
				5.50	-1.50		Firm greenish grey slightly sandy CLAY. Sands are fine to coarse. [TIDAL FLAT DEPOSITS]
							End of Pit at 5.500m
							6
							7
							8
							9
							10

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Pit remained stable.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	617945.00 - 134735.00	Date	29/03/2021
Location:	Hythe, Kent			Level:	4.00	Dimensions (m):	2.50
Equipment:				Depth	5.50	Scale	1:25
						Logged	Checked
						SJM	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	1.40	D,J		1.60	2.40		Dried vegetation and nettles overlying MADE GROUND comprising dark brown gravelly slightly sandy clay with 10% plastic. Gravels are coarse angular brick and plastic. Sands are medium.
				2.50	1.50		MADE GROUND comprising dark brown gravelly sandy clay with occasional cobbles and 20% plastic bags. Gravels are coarse angular concrete, metal, brick and glass. Sands are coarse.
	2.90	D,J					MADE GROUND comprising greenish brown gravelly sand. Gravels are coarse angular flint, brick, glass and metal. Sands are medium.
							Single concrete boulder (1 m diameter).
	4.20	D,J		4.10	-0.10		MADE GROUND comprising greenish grey to dark grey slightly gravelly very sandy clay with a strong organic odour. Gravels are fine to medium subangular wood, paper and glass. Sands are medium.
				4.80	-0.80		Firm greenish grey slightly gravelly CLAY. Gravels are coarse subangular shells. [TIDAL FLAT DEPOSITS]


D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Minor side wall collapses.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.




Project Name:	Princes Parade	Project No.	22281	Co-ords: 617945.00 - 134735.00	Date
				Level: 4.00	29/03/2021

Location:	Hythe, Kent	Dimensions (m):	2.50	Scale	1:25
Equipment:		Depth	5.50	Logged	Checked
				SJM	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				5.50	-1.50		Firm greenish grey slightly gravelly CLAY. Gravels are coarse subangular shells. [TIDAL FLAT DEPOSITS]
							End of Pit at 5.500m

D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)	Stability Minor side wall collapses.	Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to excavation.
---	--	---

Project Name:	Princes Parade	Project No.	22281	Co-ords:	617926.00 - 134686.00	Date	29/03/2021
Location:	Hythe, Kent			Level:	5.00	Scale	1:25
Equipment:				Dimensions (m):	2.50	Logged	Checked
				Depth	5.30	SJM	


Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				1.00	4.00		Dried vegetation and nettles overlying MADE GROUND comprising dark brown gravelly slightly sandy clay. Gravels are coarse angular brick and plastic. Sands are medium. <i>Trolley identified.</i>
	1.20	D,J		3.20	1.80		MADE GROUND comprising dark brown gravelly sandy clay with occasional cobbles and boulders and 20% plastic bags. Gravels are coarse angular plastic, concrete, metal, brick and glass. Sands are coarse. <i>Several concrete boulders.</i> <i>Single concrete post (1.5 m long).</i>
				4.30	0.70		Off-white slightly clayey GRAVEL. Gravels are medium rounded flint. [STORM BEACH DEPOSITS]

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

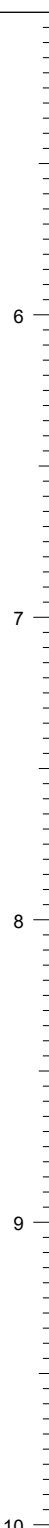
Stability
 Minor side wall collapses.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	617926.00 - 134686.00	Date	29/03/2021
Location:	Hythe, Kent			Level:	5.00	Scale	1:25
Equipment:				Dimensions (m):	2.50	Logged	Checked
				Depth	5.30	SJM	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				5.30	-0.30		Off-white slightly clayey GRAVEL. Gravels are medium rounded flint. [STORM BEACH DEPOSITS]
							End of Pit at 5.300m

D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)	Stability Minor side wall collapses.	Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to excavation.
---	--	---



Project Name:	Princes Parade	Project No.	22281	Co-ords:	617837.00 - 134700.00	Date	29/03/2021
Location:	Hythe, Kent			Level:	4.00	Scale	1:25
Equipment:				Dimensions (m):	2.50	Logged	Checked
				Depth	5.50	SJM	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.30	D,J		0.60	3.40		MADE GROUND comprising dark brown very gravelly very sandy clay with 20% plastic. Gravels are medium angular plastic, brick, glass and concrete. Sands are coarse.
	1.50	D,J		1.90	2.10		MADE GROUND comprising dark brown very gravelly very sandy clay with 20% plastic. Gravels are medium angular plastic, brick, glass and concrete. Sands are coarse.
	3.80	D,J		3.50 3.50	0.50 0.50		MADE GROUND comprising greenish brown very gravelly sandy clay with occasional cobbles. Gravels are coarse angular concrete, brick, plastic and glass. Cobbles are angular concrete. Sands are coarse.
	4.10	D,J		4.00	0.00		MADE GROUND comprising dark brown very gravelly very sandy clay with 20% plastic. Gravels are medium angular plastic, brick, glass and concrete. Sands are coarse.
							MADE GROUND comprising greenish grey slightly gravelly very sandy clay with a strong organic odour. Gravels are fine to medium subangular wood, paper and glass. Sands are medium.
							MADE GROUND comprising black to dark grey slightly gravelly very sandy clay with a strong hydrocarbon odour and occasional black staining. Gravels are medium subangular wood, metal, paper and glass. Sands are medium.
				5.00	-1.00		Abundant barbed wire.

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Minor side wall collapses.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to excavation.



TRIAL PIT LOG

TrialPit No

TP130

Sheet 2 of 2

Project Name:

Princes Parade

Project No.

22281

Co-ords: 617837.00 - 134700.00

Level: 4.00

Date

29/03/2021

Location:

Hythe, Kent

Dimensions (m):

2.50

0.45

Scale

1:25

Equipment:

Depth

5.50

Logged

SJM

Checked

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				5.50	-1.50		Firm greenish grey slightly sandy CLAY. Sands are coarse subangular shells. [TIDAL FLAT DEPOSITS]
							End of Pit at 5.500m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability

Minor side wall collapses.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to excavation.

10

Project Name:

Princes Parade

Project No.

22281

Co-ords: 617827.00 - 134669.00

Level: 4.00

Date

06/04/2021

Location:

Hythe, Kent

Dimensions (m):

2.50

Scale

1:25

Equipment:

 Depth
4.10

0.45

 Logged
SJM

Checked

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.30	D,J		0.10	3.90		MADE GROUND comprising dark brown gravelly sandy clay. Gravels are medium subangular flint and brick. Sands are coarse.
				0.40	3.60		MADE GROUND comprising dark grey sandy gravel. Gravels are coarse angular tarmac, brick, metal and concrete. Sands are coarse.
	1.50	D,J					MADE GROUND comprising dark brown gravelly sandy clay. Gravels are coarse angular brick, flint, metal, concrete and plastic. Sands are coarse.
							<i>Angular concrete boulders.</i>
							<i>Metal pole (2 m long).</i>
				4.10	-0.10		End of Pit at 4.100m

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability

Multiple large wall collapses from 1.9 to 4.0 m bgl.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to excavation.

Project Name:	Princes Parade	Project No.	22281	Co-ords:	617874.00 - 134682.00	Date	08/04/2021
Location:	Hythe, Kent			Level:	5.00	Scale	1:25

Equipment:	Mechanical backhoe excavator			Dimensions (m):	3.60	Logged	Checked
				Depth	4.00	NJA	

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.80	D,J		0.70	4.30	[Cross-hatched pattern]	MADE GROUND comprising dark brown slightly gravelly slightly sandy clay. Gravels are fine to coarse angular brick, concrete and flint. Sands are fine.	
				0.90	4.10		MADE GROUND comprising soft dark brown very gravelly clay. Gravels are fine to coarse rounded flint.	
						[Cross-hatched pattern]	MADE GROUND comprising soft dark brown slightly sandy gravelly clay. Gravels are fine to coarse angular brick, concrete, clinker, flint, rare plastic and glass. Sands are fine. <i>Angular cobbles of brick and concrete.</i>	1
	2.10	D,J		1.80	3.20		MADE GROUND comprising soft greyish brown to brownish orange slightly gravelly sandy Clay with common plastic, occasional glass, wood, rare metal and cloth. Gravels are fine to coarse angular brick and concrete. <i>Rubber tyre.</i>	2
						[Cross-hatched pattern]	MADE GROUND comprising dark grey slightly gravelly slightly sandy clay with a moderate organic odour. Gravels are fine to coarse angular brick, concrete and wood. Sands are fine.	
	3.10	D,J		3.00	2.00		MADE GROUND comprising greenish grey slightly gravelly slightly clayey sand. Gravels are coarse angular wood, rare glass, metal and cloth. Sands are fine to medium.	3
				4.00	1.00		End of Pit at 4.000m	4
								5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability
 Pit remained stable.

Remarks
 Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618712E - 134869N

 Scale
1:50

Location: Hythe, Kent

Level (m): 5.00

 Logged By
SJM

Equipment: SDA Site Investigation

Dates: 27/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results	FI	TCR	SCR	RQD				
		0.50 - 1.00	B								MADE GROUND comprising soft brown slightly gravelly sandy clay. Gravels are coarse subangular brick. Sands are coarse.	
		0.50 - 1.00	D									
		0.70	D									
		1.20	D									
		1.50 - 1.95	D									
		1.50 - 2.00	B									
		1.50 - 2.00	D									
		1.50	SPT(S)	N=5 (1,0/1,1,2,1)					1.50	3.50		MADE GROUND comprising soft becoming firm dark grey very gravelly sandy clay. Gravels are coarse subangular brick, glass, plastic and wood. Sands are coarse.
		2.50 - 2.95	D									
		2.50	SPT(S)	N=3 (1,0/0,1,1,1)								
		3.50 - 3.95	D									
		3.50	SPT(S)	N=6 (1,1/2,1,1,2)								
		4.50 - 4.95	D									
		4.50	SPT(S)	N=5 (1,0/0,1,2,2)								
		5.00 - 5.50	B						5.00	0.00		
		5.50 - 6.00	B									
		6.50	D									
		7.00	D									
		7.50 - 8.00	B									
		7.50	SPT(C)	N=50 (10,12/50 for 275mm)					7.50	-2.50		
		9.00 - 9.50	B									
		9.00	SPT(C)	50 (25 for 75mm/50 for 105mm)								

Continued on Next Sheet

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618712E - 134869N

 Scale
1:50

Location: Hythe, Kent

Level (m): 5.00

 Logged By
SJM

Equipment: SDA Site Investigation

Dates: 27/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results	FI	TCR	SCR	RQD						
		10.50	SPT(C)	N=3 (1,0/0,1,1,1)								Very dense brown sandy GRAVEL. Gravels are medium to coarse subrounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	11	
		12.00 - 12.50 12.00	B SPT(C)	N=33 (5,6/7,7,9,10)					11.50	-6.50		Loose becoming dense brown gravelly SAND. Gravels are fine angular shell and flint. Sands are medium. [STORM BEACH DEPOSITS]	12	
		12.80 - 13.30	B						12.50	-7.50		Very stiff bluish grey silty CLAY. [WEALD CLAY FORMATION]	13	
		13.50 - 13.95	U	Ublow=30										14
		14.00	D											14
		14.50	D											15
		15.00 - 15.45 15.00	D SPT(S)	N=30 (4,5/8,7,8,7)										15
		16.00	D											16
		16.50 - 16.95	U	Ublow=60										17
		17.50	D										17	
		18.00 - 18.45 18.00	D SPT(S)	N=41 (6,9/10,10,10,11)									18	
		19.00	D										19	
		19.50 - 19.95	U	Ublow=50									19	
		20.00	D										20	
												Continued on Next Sheet		

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to drilling.



Borehole Log

Borehole No.

CP101

Sheet 3 of 3

Project Name: Princes Parade

Project No.
22281

Co-ords: 618712E - 134869N

Scale
1:50

Location: Hythe, Kent

Level (m): 5.00

Logged By
SJM

Equipment: SDA Site Investigation

Dates: 27/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results	FI	TCR	SCR	RQD							
		20.50	D									Very stiff bluish grey silty CLAY. [WEALD CLAY FORMATION]			
		21.00 - 21.45 21.00	D SPT(S)	N=38 (5,6/8,8,10,12)								21			
		22.00	D										22		
		22.50 - 22.95	U	Ublow=80											
		23.00	D											23	
		23.40	D												
		24.00 - 24.45 24.00	D SPT(S)	N=48 (5,8/11,11,12,14)										24	
		25.00	D												25
		25.50 - 25.95	U	Ublow=100											
		26.00	D												26
		26.50	D						26.60	-21.60		Blueish grey SILTSTONE. [WEALD CLAY FORMATION]			
		27.00 - 27.45 27.00 - 27.50 27.00	B B SPT(S)	50 (12,13/50 for 105mm)											27
		28.00 - 28.45	B												28
		28.50	SPT(S)	50 (16,9/50 for 70mm)					28.45	-23.45		End of Borehole at 28.45m			29
														30	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618677E - 134837N

 Scale
1:50

Location: Hythe, Kent

Level (m): 5.00

 Logged By
SJM

Equipment: SDA Site Investigation

Dates: 22/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results	FI	TCR	SCR	RQD				
		0.20	D								Dry vegetation overlying MADE GROUND comprising soft brown gravelly sandy clay. Gravels are medium to coarse angular brick and concrete. Sands are coarse.	
		0.50 - 1.00	B									
		0.70	D									
		1.20	D									
		1.50 - 1.95	D						1.50	3.50		
		1.50 - 2.00	B									
		1.50	SPT(S)	N=7 (1,2/2,2,3,0)								
		2.50 - 2.95	D									
		2.50	SPT(S)	N=3 (1,0/0,1,2,0)								
		2.50	SPT(S)	N=3 (1,0/0,1,2,0)					3.00	2.00		
		3.50 - 4.00	B								MADE GROUND comprising firm brown very gravelly sandy clay. Gravels are coarse subangular brick, glass, plastic and wood. Sands are coarse.	
		3.50	SPT(S)	N=9 (2,2/3,3,3,0)								
		4.50 - 5.00	B									
		4.50	SPT(S)	N=13 (2,3/4,4,5,0)								
		5.50 - 6.00	B						5.50	-0.50		
		6.00 - 6.45	D									
		6.00 - 6.50	B									
		6.00	SPT(S)	N=1 (1,0/0,1,0,0)								
		7.00	D									
		7.50 - 7.95	D									
		7.50 - 8.00	B									
		7.50	SPT(S)	N=4 (1,0/1,0,1,2)					7.95	-2.95		
		9.00 - 9.50	B								Loose brown slightly sandy GRAVEL. Gravels are fine to medium subrounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	
		9.00	SPT(C)	N=41 (2,5/8,8,10,15)								
		10.00 - 10.50	B						10.00	-5.00		

Continued on Next Sheet

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618677E - 134837N

 Scale
1:50

Location: Hythe, Kent

Level (m): 5.00

 Logged By
SJM

Equipment: SDA Site Investigation

Dates: 22/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results	FI	TCR	SCR	RQD					
		10.50 - 11.00 10.50	B SPT(C)	N=50 (8,10/50 for 275mm)								Very dense yellowish brown gravelly SAND. Gravels are medium to coarse subrounded flint. Sands are coarse. [ATHERFIELD CLAY FORMATION]	11
		12.00 - 12.50 12.00	B SPT(C)	N=27 (2,4/5,7,6,9)					12.00	-7.00		Medium dense greenish brown slightly gravelly SAND. Gravels are fine to coarse subrounded to angular flint and shells. Sands are coarse. [STORM BEACH DEPOSITS]	12
		13.00	D						13.00	-8.00		Stiff becoming hard bluish grey silty CLAY. [WEALD CLAY FORMATION]	13
		13.50 - 13.95 13.50	D SPT(S)	N=11 (3,2/2,2,3,4)									
		14.00 - 14.50	B										
		15.00 - 15.45 15.00	D SPT(S)	N=29 (3,3/7,7,8,7)									
		16.00	D										
		16.50 - 16.95	U	Ublow=60									
		17.00	D										
		17.50	D										
		18.00 - 18.45 18.00	D SPT(S)	N=50 (6,10/50 for 275mm)									
		19.00	D										
		19.50 - 19.95	U	Ublow=80									
		20.00	D										
												Continued on Next Sheet	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618677E - 134837N

 Scale
1:50

Location: Hythe, Kent

Level (m): 5.00

 Logged By
SJM

Equipment: SDA Site Investigation

Dates: 22/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results	FI	TCR	SCR	RQD					
		20.50	D									Stiff becoming hard bluish grey silty CLAY. [WEALD CLAY FORMATION]	
		21.00 - 21.45 21.00	D SPT(S)	N=38 (6,8/9,7,10,12)								21	
		22.00	D									22	
		22.50 22.50 - 22.95	D U	Ublow=70									
		23.00	D									23	
		23.50	D										
		24.00 - 24.45 24.00	D SPT(S)	N=41 (5,8/9,10,10,12)								24	
		25.50 - 25.95	U	Ublow=100								25	
		26.00	D									26	
		26.50 - 26.60 26.50 - 27.00	D B					26.50 26.60	-21.50 -21.60			Dark bluish grey gravelly sandy MUDSTONE. Gravels are medium angular shells. Sands are coarse. [WEALD CLAY FORMATION] Blueish grey SILTSTONE. [WEALD CLAY FORMATION]	27
		27.00 - 27.45 27.00	D SPT(S)	50 (25 for 95mm/50 for 70mm)				27.45	-22.45		End of Borehole at 27.45m	28	
												29	
												30	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618474E - 134820N

 Scale
1:50

Location: Hythe, Kent

Level (m): 4.00

 Logged By
SJM

Equipment: CC Drilling Services, Rig Number: CP03

Dates: 19/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results	FI	TCR	SCR	RQD					
		0.50 - 0.60	B						1.10	2.90		Dry vegetation overlying MADE GROUND comprising soft brown gravelly sandy silty clay. Gravels are medium subangular flint and brick. Sands are coarse.	1
		1.00 - 1.20	B										
		1.20 - 1.60	B										
		1.20	SPT(C)	N=6 (1,1/1,2,1,2)								MADE GROUND comprising firm dark brown gravelly sandy clay. Gravels are coarse angular brick, flint, glass, wood and cloth. Sands are coarse.	2
		2.20 - 2.60	B										
		2.20	SPT(C)	N=6 (1,0/1,1,2,2)									
		3.20 - 3.60	B										
		3.20	SPT(C)	N=6 (1,0/1,2,2,1)									
		4.20 - 4.60	B										
		4.20	SPT(C)	N=7 (1,1/1,1,2,3)									
		4.60 - 4.80	B						4.60	-0.60		Firm becoming soft dark grey very silty CLAY [TIDAL FLAT DEPOSITS]	5
		5.20 - 5.60	B										
		5.20	SPT(S)	N=3 (1,0/1,0,1,1)									
		6.00 - 6.45	D										
		6.00	SPT(S)	N=6 (1,1/1,1,1,3)									
		6.40 - 6.70	B						6.40	-2.40		Loose black GRAVEL. Gravels are medium subrounded flint. [STORM BEACH DEPOSITS]	7
		7.50 - 7.95	B										
		7.50	SPT(C)	67 (4,9/67 for 195mm)					7.50	-3.50		Loose dark becoming very dense brown sandy GRAVEL. Gravels are medium subrounded flint. [STORM BEACH DEPOSITS]	8
		9.00 - 9.40	B										
		9.00	SPT(C)	97 (25 for 125mm/97 for 125mm)									
Continued on Next Sheet												10	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes.
 The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618474E - 134820N

 Scale
1:50

Location: Hythe, Kent

Level (m): 4.00

 Logged By
SJM

Equipment: CC Drilling Services, Rig Number: CP03

Dates: 19/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results	FI	TCR	SCR	RQD				
		10.50 - 10.95 10.50	B SPT(C)	N=80 (5,7/80 for 245mm)					10.60 10.60	-6.60 -6.60		Loose dark becoming very dense brown sandy GRAVEL. Gravels are medium subrounded flint. [STORM BEACH DEPOSITS]
		12.00 - 12.40 12.00	B SPT(C)	N=67 (3,4/7,15,19,26)								Very dense brown GRAVEL. Gravels are medium rounded to subangular flint. [STORM BEACH DEPOSITS] Very dense becoming medium dense greenish brown gravelly SAND. Gravels are fine subangular shells. Sands are fine to coarse. [ATHERFIELD FORMATION]
		13.50 - 13.95 13.50	D SPT(S)	N=14 (8,6/3,3,3,5)								
		14.40 - 14.60 14.60	B D						14.40 14.60	-10.40 -10.60		Dark bluish grey gravelly sandy MUDSTONE. Gravels are medium angular shells. Sands are coarse. [ATHERFIELD CLAY FORMATION]
		14.60 - 15.00	B									Hard dark bluish grey slightly gravelly silty CLAY. Gravels are fine subangular shells. [WEALD CLAY FORMATION]
		15.00 - 15.45	U	Ublow=50								
		15.50	D									
		16.50 - 16.95 16.50	D SPT(S)	N=39 (6,8/8,10,10,11)								
		18.00 - 18.45	U	Ublow=58								
		18.50	D									
		19.50 - 19.95 19.50	D SPT(S)	76 (9,14/76 for 170mm)								

Continued on Next Sheet

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes.
 The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to drilling.



Borehole Log

Borehole No.

CP103

Sheet 3 of 4

Project Name: Princes Parade

Project No.
22281

Co-ords: 618474E - 134820N

Scale
1:50

Location: Hythe, Kent

Level (m): 4.00

Logged By
SJM

Equipment: CC Drilling Services, Rig Number: CP03

Dates: 19/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results	FI	TCR	SCR	RQD					
		21.00 - 21.45	U	Ublow=62								Hard dark bluish grey slightly gravelly silty CLAY. Gravels are fine subangular shells. [WEALD CLAY FORMATION]	21
		21.50	D										22
		22.50 - 22.95 22.50	D SPT(S)	N=50 (9,12/10,13,13,14)					22.95	-18.95		Hard laminated dark bluish grey slightly gravelly silty CLAY. Gravels are medium subangular shells. [WEALD CLAY FORMATION]	23
		24.00 - 24.45	U	Ublow=84									24
		24.50	D										25
		25.50 - 25.95 25.50	D SPT(S)	N=73 (6,11/12,19,21,21)									26
		27.00 - 27.45 27.00	D SPT(S)	N=80 (7,12/14,22,22,22)									27
		28.50 - 28.95 28.50	D SPT(S)	N=76 (10,13/15,18,21,22)									28
		29.10 - 29.30	B						29.10	-25.10		Hard bluish grey slightly gravelly slightly sandy silty CLAY. Gravels are medium subangular shells. Sands are present as nodules of medium to coarse sand. [WEALD CLAY FORMATION]	29
		30.00 - 30.45	D										30

Continued on Next Sheet

D = small disturbed sample (tub)
J = organic sample (amber glass jar)
V = volatile sample (amber glass vial)
B = bulk bag sample
SPT(C) = Standard Penetration Test (Cone)
SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
PP = pocket penetrometer (kg.cm2)
PID = photoionisation detector (ppm)
FI = fracture index
TCR = total core recovery
SCR = solid core recovery
RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to drilling.



Borehole Log

Borehole No.

CP103

Sheet 4 of 4

Project Name: Princes Parade

Project No.
22281

Co-ords: 618474E - 134820N

Scale
1:50

Location: Hythe, Kent

Level (m): 4.00

Logged By
SJM

Equipment: CC Drilling Services, Rig Number: CP03

Dates: 19/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results	FI	TCR	SCR	RQD				
		30.00	SPT(S)	N=98 (25 for 100mm/98 for 255mm)					35.00	-31.00		Hard bluish grey slightly gravelly slightly sandy silty CLAY. Gravels are medium subangular shells. Sands are present as nodules of medium to coarse sand. [WEALD CLAY FORMATION]
		31.20 - 31.50	B									
		31.50 - 31.95	D	N=55 (10,14/13,13,14,15)								
		31.50	SPT(S)									
		33.00 - 33.45	D	N=62 (25 for 120mm/14,11,15,22)								
		33.00	SPT(S)									
		34.50 - 34.95	D	N=99 (25 for 75mm/24,24,25,26)								
		34.50	SPT(S)									
End of Borehole at 35.00m												

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to drilling.



Borehole Log

Borehole No.

CP104a

Sheet 1 of 1

Project Name: Princes Parade

Project No.
22281

Co-ords: 618246E - 134790N

Scale
1:50

Location: Hythe, Kent

Level (m): 3.00

Logged By
SJM

Equipment: SDA Site Investigation

Dates: 12/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results	FI	TCR	SCR	RQD				
		0.20	D	N=10 (1,1/2,2,2,4)					2.00	1.00		Dry vegetation overlying MADE GROUND comprising soft borwn gravelly sandy clay. Gravels are medium angular brick, flint, metal, glass and wood. Sands are coarse.
		0.50 - 1.00	B									
		0.70	D									
		1.20	D									
		1.50 - 1.95	D									
		1.50	SPT(S)									
End of Borehole at 2.00m												

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to drilling.



Borehole Log

Borehole No.

CP104b

Sheet 1 of 1

Project Name: Princes Parade

Project No.
22281

Co-ords: 618248E - 134788N

Scale
1:50

Location: Hythe, Kent

Level (m): 3.00

Logged By
SJM

Equipment: SDA Site Investigation

Dates: 12/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results	FI	TCR	SCR	RQD						
		0.20	D	0 (26 for 95mm/0 for 0mm)					1.50	1.50		Dry vegetation overlying MADE GROUND comprising soft borwn gravelly sandy clay. Gravels are medium angular brick, flint, metal, glass and wood. Sands are coarse.	1	
		0.50 - 1.00	B											
		0.70	D											
		1.20	D											
		1.50 - 1.95	D											
		1.50	SPT(S)								End of Borehole at 1.50m	2		
													3	
													4	
													5	
													6	
													7	
													8	
													9	
													10	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618260E - 134785N

 Scale
1:50

Location: Hythe, Kent

Level (m): 3.00

 Logged By
SJM

Equipment: SDA Site Investigation

Dates: 13/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results	FI	TCR	SCR	RQD				
		0.20	D									1
		0.50 - 1.00	B									2
		0.70	D									3
		1.20	D									4
		1.50 - 1.95	D									5
		1.50	SPT(S)	N=5 (1,1/2,1,1,1)								6
		2.50 - 2.95	D									7
		2.50	SPT(S)	3 (1 for 75mm/3 for 225mm)								8
		3.50 - 3.95	D									9
		3.50	SPT(S)	3 (3,1/3 for 225mm)								10
		4.50 - 4.95	D								11	
		4.50	SPT(S)	N=7 (1,1/2,3,1,1)							12	
		5.50 - 6.00	B						5.50	-2.50	Loose brown slightly clayey GRAVEL. Gravels are medium to coarse subrounded flint. [STORM BEACH DEPOSITS]	13
		6.00 - 6.45	D						6.00	-3.00	Loose becoming very loose brown coarse subrounded flint GRAVEL. [STORM BEACH DEPOSITS]	14
		6.00 - 6.50	B									15
		6.00	SPT(C)	N=8 (1,1/2,2,2,2)							16	
		7.50 - 7.95	D								Very dense brown coarse subrounded flint GRAVEL with flint cobbles. [STORM BEACH DEPOSITS]	17
		7.50 - 8.00	B									18
		7.50	SPT(C)	1 (1 for 75mm/1 for 75mm)								19
		9.00 - 9.45	D						9.00	-6.00		20
		9.00 - 9.50	B									21
		9.00	SPT(C)	51 (25 for 95mm/51 for 135mm)							22	
		10.00 - 10.50	B						10.00	-7.00	Continued on Next Sheet	23

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes.
 The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618260E - 134785N

 Scale
1:50

Location: Hythe, Kent

Level (m): 3.00

 Logged By
SJM

Equipment: SDA Site Investigation

Dates: 13/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results	FI	TCR	SCR	RQD				
		10.50 - 10.95 10.50 - 11.00 10.50	D B SPT(C)	0 (1 for 75mm/0 for 0mm)								Very dense becoming dense brown gravelly SAND. Gravels are fine subangular shells. Sands are coarse. [STORM BEACH DEPOSITS]
		11.50	D									
		12.00 - 12.45 12.00	D SPT(S)	N=31 (2,2/4,6,10,11)								
		13.50 - 13.95 13.50 - 14.00 13.50	D B SPT(C)	50 (8,10/50 for 60mm)					13.50	-10.50		Dark bluish grey slightly gravelly slightly sandy CLAY. Gravels are medium angular shells. Sands are coarse. [ATHERFIELD CLAY FORMATION]
		14.00 - 14.50	B						14.00	-11.00		Blueish grey SILTSTONE. [WEALD CLAY FORMATION]
		15.00 - 15.45	U	Ublow=35					14.50	-11.50		Hard bluish grey silty CLAY. [WEALD CLAY FORMATION]
		15.50	D									
		16.00	D									
		16.50 - 16.95 16.50	D SPT(S)	N=43 (4,7/8,10,11,14)								
		17.50	D									
		18.00 - 18.45	U	Ublow=100								
		18.50	D									
		19.00	D									
		19.50 - 19.95 19.50	D SPT(S)	50 (6,9/50 for 175mm)								
												Continued on Next Sheet

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618260E - 134785N

 Scale
1:50

Location: Hythe, Kent

Level (m): 3.00

 Logged By
SJM

Equipment: SDA Site Investigation

Dates: 13/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results	FI	TCR	SCR	RQD					
		20.50	D									Hard bluish grey silty CLAY. [WEALD CLAY FORMATION]	
		21.00 - 21.45	U	Ublow=100								21	
		21.50	D										
		22.00	D										
		22.50 - 22.95 22.50	D SPT(S)	N=45 (4,7/8,10,12,15)									
		23.50	D										
		24.00 - 24.45	U	Ublow=90									
		24.50	D										
		25.00	D										
		25.50 - 25.95 25.50	D SPT(S)	N=41 (8,8/8,12,11,10)									
		26.50	D										
		27.00 - 27.45 27.00	D SPT(S)	N=50 (8,10/50 for 275mm)									
		28.00	D										
		28.50 - 28.95 28.50	D SPT(S)	50 (9,11/50 for 190mm)									
		29.50	D										
		30.00 - 30.45	D										
Continued on Next Sheet												30	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes.
 The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618260E - 134785N

 Scale
1:50

Location: Hythe, Kent

Level (m): 3.00

 Logged By
SJM

Equipment: SDA Site Investigation

Dates: 13/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results	FI	TCR	SCR	RQD				
		30.00	SPT(S)	50 (10,13/50 for 210mm)								Hard bluish grey silty CLAY. [WEALD CLAY FORMATION]
		31.00	D									
		31.50 - 31.95 31.50	D SPT(S)	N=50 (7,11/50 for 230mm)								
		32.50	D									
		33.00 - 33.45 33.00	D SPT(S)	N=50 (5,10/50 for 275mm)								
		34.00	D									
		34.50 - 34.95 34.50	D SPT(S)	N=50 (6,12/50 for 235mm)								
								35.00	-32.00			Hard laminated dark blue gravelly silty CLAY. Gravels are medium angular shells. [WEALD CLAY FORMATION] End of Borehole at 35.00m
								35.00	-32.00			

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes.
 The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618146E - 134737N

 Scale
1:50

Location: Hythe, Kent

Level (m): 4.00

 Logged By
SJM

Equipment: CC Drilling Services, Rig Number: CP03

Dates: 12/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results	FI	TCR	SCR	RQD				
		0.30 - 0.50	B								Dry vegetation overlying MADE GROUND comprising soft to firm brown gravelly silty clay with rootlets. Gravels are coarse angular brick and plastic.	
		0.60 - 1.40	B					0.60	3.40		CONCRETE.	
		1.50 - 1.90 1.50	B SPT(C)	N=6 (1,1/1,2,1,2)				1.50	2.50		MADE GROUND comprising soft brown gravelly clay. Gravels are medium angular brick and plastic.	
		2.50 - 2.90 2.50	B SPT(C)	N=5 (1,0/1,1,1,2)				2.60	1.40		MADE GROUND comprising soft dark grey slightly sandy clay. Sands are coarse.	
		3.50 - 3.95 3.50 3.80 - 4.00	D SPT(S) B	N=3 (1,0/1,0,1,1)				3.80	0.20		MADE GROUND comprising loose brown sandy slightly clayey gravel. Gravels are medium to coarse subrounded flint, brick and plastic. Sands are coarse.	
		4.50 - 4.80 4.80 4.80	B D SPT(C)	N=8 (1,1/1,2,2,3)				4.80	-0.80		Loose brown slightly sandy GRAVEL. Gravels are fine to medium subrounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	
		5.00 - 5.40	B					5.00	-1.00		brown slightly sandy GRAVEL. Gravels are fine to medium subrounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	
		5.50 - 5.90	B					5.00	-1.00		Firm grey gravelly CLAY. Gravels are fine subangular flint. [TIDAL FLAT DEPOSITS]	
		5.50 - 5.90	B					5.90	-1.90		Firm brown slightly gravelly slightly sandy CLAY. Gravels are fine angular shells and flint. Sands are coarse. [STORM BEACH DEPOSITS]	
		6.00	SPT(C)	N=12 (2,2/2,3,3,4)				5.90	-1.90		Loose becoming very dense brown GRAVEL. Gravels are medium to coarse subrounded flint. [STORM BEACH DEPOSITS]	
		7.50 - 7.90 7.50	B SPT(C)	N=50 (4,7/11,17,21,1)								
		9.00 - 9.40 9.00	B SPT(C)	68 (5,11/68 for 215mm)								

Continued on Next Sheet

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618146E - 134737N

 Scale
1:50

Location: Hythe, Kent

Level (m): 4.00

 Logged By
SJM

Equipment: CC Drilling Services, Rig Number: CP03

Dates: 12/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results	FI	TCR	SCR	RQD				
		10.50 - 10.90 10.50	B SPT(C)	81 (5,8/81 for 180mm)					10.80	-6.80		Loose becoming very dense brown GRAVEL. Gravels are medium to coarse subrounded flint. [STORM BEACH DEPOSITS]
		11.40 - 11.80	B						11.40	-7.40		Very dense brown sandy GRAVEL. Gravels are fine to medium subrounded flint. Sands are coarse. [STORM BEACH DEPOSITS]
		12.00 - 12.45 12.00 - 12.50 12.00	D B SPT(S)	79 (5,9/79 for 175mm)								Very dense brown gravelly SAND. Gravels are fine subrounded flint and shells. Sands are medium. [STORM BEACH DEPOSITS]
		13.30 - 13.50 13.50 - 13.95 13.50 - 14.00 13.50	B D B SPT(S)	N=38 (3,4/6,9,10,13)					13.30	-9.30		Dense greenish brown slightly gravelly SAND. Gravels are medium subangular to subrounded shells and flint. Sands are fine. [ATHERFIELD FORMATION]
		15.00 - 15.40 15.00 - 15.45 15.00	B D SPT(S)	N=39 (2,3/6,9,11,13)								Dark bluish grey gravelly sandy MUDSTONE. Gravels are medium angular shells. Sands are coarse. [ATHERFIELD CLAY FORMATION]
		16.00 - 16.40 16.40 16.50 - 16.95 16.50	B D D SPT(S)	N=24 (3,4/4,6,6,8)					16.00 16.40	-12.00 -12.40		Very stiff laminated dark blue silty CLAY. [WEALD CLAY FORMATION]
		17.00 - 17.50	B									Hard laminated dark blue gravelly silty CLAY. Gravels are medium angular shells. [WEALD CLAY FORMATION]
		18.00 - 18.45 18.50	U D	Ublow=58					18.00	-14.00		Hard laminated dark blue gravelly silty CLAY. Gravels are medium angular shells. [WEALD CLAY FORMATION]
		19.00 - 19.50 19.50 - 19.95 19.50	B D SPT(S)	N=43 (7,11/9,8,11,15)								
Continued on Next Sheet												

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to drilling.



Borehole Log

Borehole No.

CP105

Sheet 3 of 4

Project Name: Princes Parade

Project No.
22281

Co-ords: 618146E - 134737N

Scale
1:50

Location: Hythe, Kent

Level (m): 4.00

Logged By
SJM

Equipment: CC Drilling Services, Rig Number: CP03

Dates: 12/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results	FI	TCR	SCR	RQD					
		21.00 - 21.45	U	Ublow=70							Hard laminated dark blue gravelly silty CLAY. Gravels are medium angular shells. [WEALD CLAY FORMATION]	21	
		21.50	D									22	
		22.00 - 22.50	B									23	
		22.50 - 22.95 22.50	D SPT(S)	N=73 (8,10/11,18,20,24)								24	
		24.00 - 24.45	U	Ublow=57								25	
		24.50	D									26	
		25.00 - 25.50	B									27	
		25.50 - 25.95 25.50	D SPT(S)	N=40 (9,9/9,9,10,12)								28	
		27.00 - 27.45	U	Ublow=95								29	
		27.50	D									30	
		28.00 - 28.50	B										
		28.50 - 28.95 28.50	D SPT(S)	70 (10,15/70 for 175mm)									
		30.00 - 30.45	D								Continued on Next Sheet		

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to drilling.



Borehole Log

Borehole No.

CP105

Sheet 4 of 4

Project Name: Princes Parade

Project No.
22281

Co-ords: 618146E - 134737N

Scale
1:50

Location: Hythe, Kent

Level (m): 4.00

Logged By
SJM

Equipment: CC Drilling Services, Rig Number: CP03

Dates: 12/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results	FI	TCR	SCR	RQD							
		30.00	SPT(S)	84 (25 for 120mm/84 for 195mm)								Hard laminated dark blue gravelly silty CLAY. Gravels are medium angular shells. [WEALD CLAY FORMATION]			
		31.00 - 31.45	B												31
		31.50 - 31.95 31.50	D SPT(S)	50 (25 for 145mm/50 for 125mm)											32
		33.00 - 33.45 33.00	D SPT(S)	N=84 (11,14/17,21,22,24)											33
		34.00 - 34.50	B												34
		34.50 - 34.95 34.50	D SPT(S)	N=88 (12,13/15,24,24,25)											35
								35.00	-31.00			End of Borehole at 35.00m	36		
													37		
													38		
													39		
													40		

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
 Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618029E - 134718N

 Scale
1:50

Location: Hythe, Kent

Level (m): 4.00

 Logged By
SJM

Equipment: CC Drilling Services, Rig Number: CP03

Dates: 29/03/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results	FI	TCR	SCR	RQD				
		0.50 - 0.70	B								Dry vegetation overlying MADE GROUND comprising soft to firm brown gravelly silty clay with rootlets. Gravels are coarse angular brick, plastic and bone.	
		1.00 - 1.45	D									
		1.45	SPT(S)	N=5 (1,1/1,1,1,2)								
		1.50 - 1.70	B									
		2.00 - 2.40	B									
		2.00 - 2.45	D									
		2.45	SPT(S)	N=5 (2,2/2,1,1,1)								
		2.60 - 2.90	B					2.60	1.40			
		3.00 - 3.45	D									
		3.45	SPT(S)	N=3 (1,0/1,0,1,1)								
		3.70 - 4.00	B					3.70	0.30			
		4.00 - 4.40	B									
		4.45	SPT(C)	N=8 (1,0/1,2,2,3)								
		4.80 - 5.00	B					4.80	-0.80			
		5.00 - 5.45	U	Ublow=22								
		5.50	D									
		5.60 - 5.80	B					5.60	-1.60			
		5.80 - 6.00	B									
		6.00 - 6.40	B									
		6.00	SPT(C)	N=7 (2,1/1,2,2,2)								
		7.50 - 7.90	B									
		7.50	SPT(C)	N=24 (2,2/4,4,6,10)								
		8.70 - 9.00	B					8.70	-4.70			
		9.00 - 9.40	B									
		9.00	SPT(C)	N=50 (6,8/50 for 290mm)								
		9.50 - 10.00	B					9.40	-5.40			

Continued on Next Sheet

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)
 FI = fracture index
 TCR = total core recovery
 SCR = solid core recovery
 RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Services checked and C.A.T. cleared prior to drilling.



Borehole Log

Borehole No.

CP106

Sheet 2 of 2

Project Name: Princes Parade

Project No.
22281

Co-ords: 618029E - 134718N

Scale
1:50

Location: Hythe, Kent

Level (m): 4.00

Logged By
SJM

Equipment: CC Drilling Services, Rig Number: CP03

Dates: 29/03/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Coring				Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results	FI	TCR	SCR	RQD				
		10.50 - 10.70 10.50	B SPT(C)	50 (25 for 110mm/50 for 115mm)								Very dense greyish brown gravelly SAND. Gravels are medium subrounded flint. Sands are fine to coarse. [STORM BEACH DEPOSITS]
		12.00 - 12.40 12.00	B SPT(C)	50 (25 for 145mm/50 for 130mm)					12.30	-8.30		Dark bluish grey gravelly sandy MUDSTONE. Gravels are medium angular shells. Sands are coarse. [ATHERFIELD CLAY FORMATION]
		12.30 - 12.70 12.70 - 13.00	B B						12.70	-8.70		Dense becoming very dense greenish brown slightly gravelly SAND. Gravels are fine subangular shell fragments. Sands are fine. [ATHERFIELD CLAY FORMATION]
		13.50 - 14.00 13.50	B SPT(C)	N=41 (3,5/7,9,11,14)								
		14.50 - 15.00	B									
		15.00 - 15.45 15.00	D SPT(S)	N=47 (3,5/8,12,13,14)								
		16.00 - 16.50	B									
		16.50 - 16.70 16.50	D SPT(S)	50 (19,6/50 for 45mm)					16.60	-12.60		Dark bluish grey gravelly sandy MUDSTONE. Gravels are medium angular shells. Sands are coarse. [ATHERFIELD CLAY FORMATION]
									16.90	-12.90		End of Borehole at 16.70m

D = small disturbed sample (tub)
J = organic sample (amber glass jar)
V = volatile sample (amber glass vial)
B = bulk bag sample
SPT(C) = Standard Penetration Test (Cone)
SPT(S) = Standard Penetration Test (Split Spoon)

HSV = hand shear vane (kPa)
PP = pocket penetrometer (kg.cm2)
PID = photoionisation detector (ppm)
FI = fracture index
TCR = total core recovery
SCR = solid core recovery
RQD = rock quality designation

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618716E - 134854N

 Scale
1:25

Location: Hythe, Kent

Level (m): 5.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 15/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50	4.50		Grass overlying MADE GROUND comprising soft brown gravelly slightly sandy clay. Gravels are medium subangular to subrounded flint and rare concrete. Sands are coarse.	
					0.90	4.10		MADE GROUND comprising orangish brown mottled black sandy clayey gravel. Gravels are medium angular charcoal, glass, brick and concrete. Sands are coarse.	
					1.10	3.90		MADE GROUND comprising pale grey sandy clayey gravel. Gravels are medium subangular concrete and flint. Sands are coarse.	1
								MADE GROUND comprising soft orangish brown gravelly sandy clay. Gravels are medium subangular to subrounded plastic, glass, wood and rare charcoal. Sands are coarse.	2
					2.80	2.20		BRICK.	
					2.90	2.10		CONCRETE.	
					3.00	2.00		MADE GROUND comprising dark grey very gravelly sand. Gravels are medium angular concrete and brick. Sands are coarse.	3
					3.20	1.80		Brown sandy GRAVEL. Gravels are subrounded medium flint. Sands are coarse. [STORM BEACH DEPOSITS]	
					4.00	1.00		End of Borehole at 4.00m	4
									5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618561E - 134822N

 Scale
1:25

Location: Hythe, Kent

Level (m): 3.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 15/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Dry vegetation overlying MADE GROUND comprising soft brown slightly gravelly slightly sandy clay. Gravels are medium subrounded flint and brick. Sands are coarse.	1	
				1.20	1.80		MADE GROUND comprising black gravelly sand. Gravels are medium angular charcoal. Sands are coarse.		
				1.40	1.60		MADE GROUND comprising pale brown very sandy clay. Sands are coarse.		
				1.90	1.10		MADE GROUND comprising soft orangish brown gravelly sandy clay. Gravels are medium subangular to subrounded plastic, glass, wood and rare charcoal. Sands are coarse.	2	
				3.30	-0.30		Brown GRAVEL. Gravels are subrounded medium flint. [STORM BEACH DEPOSITS]	3	
				4.00	-1.00		End of Borehole at 4.00m	4	
								5	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618529E - 134825N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 14/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.60	3.40		MADE GROUND comprising soft greyish brown slightly gravelly slightly sandy clay. Gravels are fine to coarse angular to subangular brick, concrete, clinker and flint. Sands are coarse.	
								MADE GROUND comprising brown gravelly sand. Gravels are fine to coarse angular to subangular charcoal, brick, concrete and flint. Sands are fine.	1
								<i>Becomes orange.</i>	
								<i>Angular coarse ceramic fragments.</i>	
								<i>Angular coarse brick and mortar.</i>	
								<i>Angular coarse slate.</i>	2
								<i>Becomes orange with occasional paper.</i>	
								<i>Common metal.</i>	3
					3.40	0.60		<i>Becomes clayey with medium to coarse angular charcoal.</i>	
								Brown very slightly sandy GRAVEL. Gravels are fine to coarse rounded flint. Sands are fine to coarse. [STORM BEACH DEPOSITS]	
								<i>Becomes sandy.</i>	
					4.00	0.00		End of Borehole at 4.00m	4
									5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618503E - 134820N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 14/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND comprising soft greyish brown slightly gravelly slightly sandy clay. Gravels are fine to coarse angular brick, concrete and flint. Sands are coarse.		
					0.90	3.10			
					1.00	3.00		Abundant fine to coarse angular tarmac fragments.	
					1.50	2.50		MADE GROUND comprising brown to orange gravelly sand. Gravels are fine to coarse angular concrete and bituminous surfacing. Sands are medium to coarse.	
					1.65	2.35		MADE GROUND comprising greenish grey gravelly sand. Gravels are fine to medium angular to subrounded brick, concrete and flint. Sands are fine to coarse.	
					2.00	2.00		MADE GROUND comprising dark grey very slightly sandy gravel with a strong hydrocarbon odour. Gravels are fine to coarse angular flint and ceramic. Sands are medium to coarse.	
					2.20	1.80		MADE GROUND comprising soft orange to brown slightly gravelly sandy clay. Gravels are fine to coarse concrete and glass. Sands are fine.	
					2.80	1.20		MADE GROUND comprising soft grey slightly gravelly sandy clay. Gravels are fine to coarse angular concrete and bituminous surfacing. Sands are fine.	
					3.00	1.00		MADE GROUND comprising soft orange to brown slightly gravelly sandy clay. Gravels are fine to coarse angular concrete and glass. Sands are fine.	
					3.30	0.70		MADE GROUND comprising pale brown slightly gravelly sand. Gravels are coarse angular brick. Sands are fine to coarse.	
								MADE GROUND comprising dark grey clayey gravel. Gravels are fine to coarse rounded flint and rare plastic.	
								Brown very slightly sandy GRAVEL. Gravels are fine to coarse rounded flint. Sands are fine to coarse. [STORM BEACH GRAVELS]	
					4.00	0.00		End of Borehole at 4.00m	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618483E - 134818N

 Scale
1:25

Location: Hythe, Kent

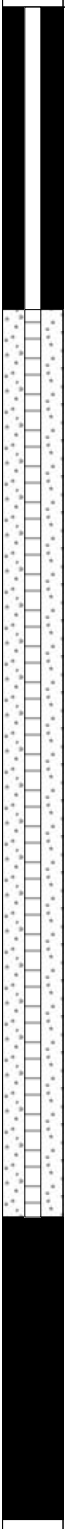










Level (m): 4.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 14/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.15	3.85	 MADE GROUND comprising orangish brown gravelly sand. Gravels are fine to coarse angular to subangular bituminous surfacing, concrete and flint. Sands are fine to coarse. MADE GROUND comprising soft brownish grey slightly gravelly slightly sand clay. Gravels are fine to medium angular brick, clinker and flint. Sands are fine.		
					0.65	3.35			MADE GROUND comprising brown to orange gravelly sand. Gravels are fine to coarse angular slate, clinker, glass and plastic. Sands are coarse.
					1.00	3.00	 MADE GROUND comprising brown gravelly sand. Gravels are fine to coarse angular to subrounded brick, flint and plastic. Sands are fine to coarse. MADE GROUND comprising brownish grey and brownish orange slightly sandy slightly gravelly clay. Gravels are fine to coarse angular brick and mortar. Sands are fine to medium. <u>Angular coarse ceramic fragments.</u>	1	
					1.20	2.80			
					1.70	2.30	 MADE GROUND comprising pale brown slightly gravelly clayey sand. Gravels are fine to medium angular brick. Sands are fine to coarse.	2	
					1.90	2.10			
					2.10	1.90	 MADE GROUND comprising dark brown mottled orangish brown gravelly sand. Gravels are fine to coarse angular charcoal and concrete. Sands are fine to coarse.  MADE GROUND comprising soft grey gravelly sand clay. Gravels are fine to coarse angular concrete and flint. Sands are coarse.	2	
					2.50	1.50			
					2.85	1.15	 MADE GROUND comprising soft dark grey very gravelly clay. Gravels are fine to coarse angular slate, bituminous surfacing and charcoal.	3	
					3.00	1.00			
					3.30	0.70	 MADE GROUND comprising soft brown gravelly slightly sandy clay. Gravels are fine to coarse angular concrete, brick and plastic. Sands are fine.	3	
					3.30	0.70			
					4.15	-0.15	 MADE GROUND comprising soft dark grey slightly gravelly sandy clay. Gravels are fine to medium angular flint and plastic. Sands are fine to coarse.	4	
				4.15	-0.15	 Brown slightly sandy GRAVEL. Gravels are fine to coarse rounded flint. Sands are fine to coarse. [STORM BEACH DEPOSITS]			
				4.75	-0.75	 Soft grey slightly sandy CLAY. Sands are medium to coarse. [ALLUVIUM]	5		
				5.00	-1.00			End of Borehole at 5.00m	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618469E - 134812N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 14/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND comprising soft greyish brown slightly gravelly slightly sandy clay. Gravels are fine to medium angular to subrounded brick, concrete and flint. Sands are fine. <u>Some glass fragments.</u>	1	
				1.25	2.75		MADE GROUND comprising brownish orange very slightly gravelly slightly clayey sand. Gravels are fine to coarse angular concrete and glass. Sands are fine to coarse.		
				1.40	2.60		MADE GROUND comprising very dark brown gravelly slightly clayey sand. Gravels are fine to coarse angular brick, charcoal and concrete. Sands are fine to coarse.		
				1.85	2.15		MADE GROUND comprising brown gravelly sand. Gravels are fine to coarse angular flint and concrete. Sands are fine to coarse.	2	
				2.00	2.00		MADE GROUND comprising soft dark brown slightly gravelly slightly sandy clay. Gravels are fine to coarse angular concrete and ceramic. Sands are fine.		
				3.00	1.00		MADE GROUND comprising soft brown gravelly clay. Gravels are coarse angular brick.	3	
				3.20	0.80		MADE GROUND comprising dark grey very slightly sandy gravel. Gravels are fine to coarse angular slate. Sands are fine.		
				3.35	0.65		Greenish grey very slightly gravelly slightly sandy CLAY. Gravels are fine to medium rounded flint. Sands are fine. [STORM BEACH DEPOSITS]		
				4.10	-0.10		Dark grey slightly sandy GRAVEL with a strong hydrocarbon odour. Gravels are fine to coarse rounded flint. Sands are fine to medium. [STORM BEACH DEPOSITS]	4	
				4.20	-0.20		Brown very slightly sandy GRAVEL. Gravels are fine to coarse rounded flint. Sand are fine to coarse. [STORM BEACH DEPOSITS]		
				4.40	-0.40		Brown clayey GRAVEL. Gravels are fine to coarse rounded flint. [STORM BEACH DEPOSITS]		
				4.50	-0.50		Grey very slightly sandy GRAVEL. Gravels are fine to coarse rounded flint. Sands are fine to coarse. [STORM BEACH DEPOSITS]		
				5.00	-1.00		End of Borehole at 5.00m	5	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618457E - 134799N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 14/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.70	3.30		MADE GROUND comprising soft dark brown gravelly slightly sandy clay. Gravels are fine to coarse angular brick, concrete, clinker, ceramic and flint. Sands are fine to medium.	1
					1.20	2.80		MADE GROUND comprising soft brown sandy clay. Sands are fine to medium.	
					1.50	2.50		MADE GROUND comprising dark brown gravelly sand. Gravels are fine to coarse angular to subangular concrete, ceramic and flint. Sands are fine to medium.	2
					2.60	1.40		MADE GROUND comprising greyish brown to brownish orange gravelly slightly clayey sand. Gravels are fine to coarse angular brick, concrete, flint and wood. Sands are fine to coarse.	
					3.30	0.70		MADE GROUND comprising very dark grey gravelly sand. Gravels are fine to coarse angular to subangular flint, slate, clinker, charcoal and glass. Sands are fine to coarse.	3
					4.00	0.00		Grey clayey GRAVEL. Gravels are fine to coarse rounded flint. [STORM BEACH DEPOSITS]	
								End of Borehole at 4.00m	4
									5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618430E - 134810N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 14/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.60	2.40		MADE GROUND comprising soft dark brown very slightly gravelly sandy clay. Gravels are fine to medium angular brick and flint. Sands are fine.	1
					2.50	1.50		MADE GROUND comprising soft brown very slightly gravelly sand clay. Gravels are fine to medium angular brick and flint. Sands are fine to medium. <u>Angular coarse ceramic fragments.</u> <u>Angular cobbles of concrete.</u>	2
					3.50	0.50		MADE GROUND comprising soft brownish orange slightly gravelly very sandy clay. Gravels are fine to medium angular concrete. Sands are medium. <u>Becomes greenish grey.</u>	3
					3.60	0.40		MADE GROUND comprising soft very dark brown gravelly clay. Gravels are fine to coarse angular to subrounded brick and flint. Grey clayey GRAVEL. Gravels are fine to coarse rounded flint. [STORM BEACH DEPOSITS]	4
					4.00	0.00		End of Borehole at 4.00m	4
									5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618397E - 134785N

 Scale
1:25

Location: Hythe, Kent

Level (m): 3.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 13/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Dry vegetation overlying MADE GROUND comprising soft dark brown gravelly slightly sandy clay. Gravels are medium subangular to subrounded brick, flint and chalk. Sands are coarse.		
				1.00	2.00			1	
				1.10	1.90		MADE GROUND comprising brown clayey gravel. Gravels are medium subangular concrete and brick.		
							MADE GROUND comprising soft orangish brown gravelly sandy clay. Gravels are medium subangular to subrounded plastic, glass, wood and rare charcoal. Sands are coarse.		
				1.90	1.10			2	
							MADE GROUND comprising soft brown very gravelly sandy clay. Gravels are coarse angular brick, concrete and glass. Sands are coarse.		
				3.20	-0.20			3	
							Pale brown sandy GRAVEL. Gravels are medium subrounded flint. Sands are coarse. [STORM BEACH DEPOSITS]		
				4.00	-1.00			4	
							End of Borehole at 4.00m	5	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm²)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618382E - 134806N

 Scale
1:25

Location: Hythe, Kent

Level (m): 3.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 13/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Dry vegetation overlying MADE GROUND comprising soft brown gravelly sandy clay. Gravels are medium angular flint, brick and ceramics. Sands are coarse.		
					1.10	1.90		MADE GROUND comprising soft brown gravelly sandy clay. Gravels are coarse angular brick, tarmac and metal. Sands are coarse.	1
					1.90	1.10		MADE GROUND comprising orangish brown slightly gravelly slightly clayey sand. Gravels are fine subangular brick and plastic. Sands are coarse.	2
					2.40	0.60		MADE GROUND comprising greenish brown gravelly sand. Gravels are coarse subangular brick and charcoal. Sands are coarse.	
					2.70	0.30		MADE GROUND comprising dark brown sandy gravel. Gravels are medium angular ceramics and charcoal. Sands are coarse.	3
					3.50	-0.50		MADE GROUND comprising yellow gravelly sand. Gravels are coarse angular concrete and brick. Sands are coarse.	
					3.90	-0.90		MADE GROUND comprising dark brown sandy gravel. Gravels are medium angular ceramics and charcoal. Sands are coarse.	4
					4.30	-1.30		Brown sandy clayey GRAVEL. Gravels are medium subrounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	
					5.00	-2.00		End of Borehole at 5.00m	5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618357E - 134788N

 Scale
1:25

Location: Hythe, Kent


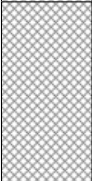
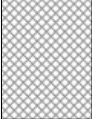
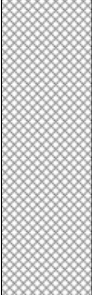
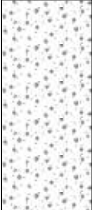
Level (m): 2.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 13/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30	1.70		Dry vegetation overlying MADE GROUND comprising brown clayey gravel. Gravels are medium subrounded flint and plastic.	
					0.90	1.10		MADE GROUND comprising greenish brown slightly gravelly sand. Gravels are fine angular brick. Sands are fine.	
					1.30	0.70		MADE GROUND comprising soft orangish brown gravelly sandy clay. Gravels are medium subangular to subrounded plastic, glass, wood and rare charcoal. Sands are coarse.	1
					2.30	-0.30	 <i>Charcoal fragments.</i>	MADE GROUND comprising greenish brown slightly gravelly sand. Gravels are fine angular brick. Sands are fine.	2
					3.00	-1.00		Brown sandy GRAVEL. Gravels are medium subrounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	3
								End of Borehole at 3.00m	4
									5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm²)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618312E - 134786N

 Scale
1:25

Location: Hythe, Kent

Level (m): 3.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 13/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Dry vegetation overlying MADE GROUND comprising soft dark brown gravelly slightly sandy clay. Gravels are medium subangular to subrounded brick, flint and chalk. Sands are coarse.	1	
				1.10	1.90		MADE GROUND comprising soft orangish brown gravelly sandy clay. Gravels are medium subangular to subrounded plastic, glass, wood, cloth and rare charcoal. Sands are coarse.	2	
				3.20	-0.20		MADE GROUND comprising soft black very gravelly sandy clay with a weak hydrocarbon odour. Gravels are medium angular brick and concrete. Sands are coarse.	3	
				4.40	-1.40		Pale grey sandy GRAVEL. Gravels are medium subrounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	4	
				4.80	-1.80		Dark grey slightly gravelly SAND. Gravels are medium subrounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	5	
				5.00	-2.00		Continued on Next Sheet		

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.



Windowless Sample Log

Borehole No.

WS112

Sheet 2 of 2

Project Name: Princes Parade

Project No.
22281

Co-ords: 618312E - 134786N

Scale
1:25

Location: Hythe, Kent

Level (m): 3.00

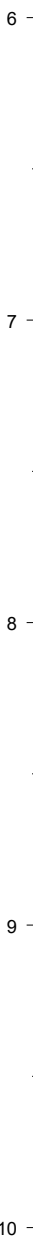
Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 13/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
							Dark grey slightly gravelly SAND. Gravels are medium subrounded flint. Sands are coarse. [STORM BEACH DEPOSITS] End of Borehole at 5.00m	



D = small disturbed sample (tub)
J = organic sample (amber glass jar)
V = volatile sample (amber glass vial)
B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
SPT(S) = Standard Penetration Test (Split Spoon)
HSV = hand shear vane (kPa)
PP = pocket penetrometer (kg.cm2)
PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618276E - 134771N

 Scale
1:25

Location: Hythe, Kent

Level (m): 3.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 13/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Dry vegetation overlying MADE GROUND comprising soft dark brown gravelly slightly sandy clay. Gravels are medium subangular to subrounded brick, flint and chalk. Sands are coarse.	1	
				1.10	1.90		MADE GROUND comprising soft orangish brown gravelly sandy clay. Gravels are medium subangular to subrounded plastic, glass, wood and rare charcoal. Sands are coarse.	2	
				2.10	0.90		MADE GROUND comprising soft dark green mottled black gravelly slightly sandy clay with a moderate organic odour. Gravels are coarse angular concrete, slate, brick, plastic and cloth. Sands are coarse.	3	
				3.00	0.00		MADE GROUND comprising soft dark green mottled black slightly sandy clay with a weak organic odour. Sands are coarse.	4	
				3.90	-0.90		MADE GROUND comprising soft black very gravelly sandy clay with a weak hydrocarbon odour. Gravels are medium angular brick and concrete. Sands are coarse.	5	
				4.30	-1.30		Pale grey sandy GRAVEL. Gravels are medium subrounded flint. Sands are coarse. [STORM BEACH DEPOSITS]		
				5.00	-2.00		End of Borehole at 5.00m	5	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618235E - 134756N

 Scale
1:25

Location: Hythe, Kent

Level (m): 3.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 08/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Dry vegetation overlying MADE GROUND comprising soft greyish brown very slightly gravelly slightly sandy clay. Gravels are fine to coarse angular brick and flint. Sands are fine to medium.	1	
				1.20	1.80		MADE GROUND comprising soft greyish brown to brownish orange slightly gravelly sandy clay. Gravels are fine to coarse angular brick, concrete, tile, glass and plastic. Sands are coarse.	2	
				2.40	0.60		Occasional fleece / cloth blanket fragments.		
				3.10	-0.10		MADE GROUND comprising brownish grey slightly gravelly slightly sandy clay. Gravels are fine to medium angular brick and concrete. Sands are fine.	3	
							Brown slightly sandy GRAVEL. Gravels are fine to medium subrounded to rounded flint. Sands are fine. [STORM BEACH DEPOSITS]	4	
				5.00	-2.00		End of Borehole at 5.00m	5	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618218E - 134758N

 Scale
1:25

Location: Hythe, Kent

Level (m): 3.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 08/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Dry vegetation overlying MADE GROUND comprising soft greyish brown slightly gravelly slightly sandy clay. Gravels are fine to coarse angular brick and flint. Sands are fine to medium.	1	
				1.15	1.85		MADE GROUND comprising dark brown slightly gravelly sand. Gravels are fine to coarse angular to subangular brick, flint and concrete. Sands are fine to coarse.		
				1.60	1.40		<u>Plastic.</u>		
				2.00	1.00		MADE GROUND comprising brownish orange to brown slightly gravelly sandy clay. Gravels are fine to medium angular flint, concrete, brick and plastic. Sands are fine.	2	
				3.00	0.00		MADE GROUND comprising pale brown very slightly gravelly sand. Gravels are fine to coarse angular concrete. Sands are fine to medium.		
				4.30	-1.30		MADE GROUND comprising brownish orange to brown slightly gravelly sandy clay. Gravels are fine to medium angular flint, concrete and brick. Sands are fine.	3	
							<u>Plastic.</u>		
							Grey clayey GRAVEL. Gravels are fine to coarse rounded flint. [STORM BEACH DEPOSITS]	4	
							<u>Very dark grey staining (no odour).</u>		
							Continued on Next Sheet	5	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618218E - 134758N

 Scale
1:25

Location: Hythe, Kent



Level (m): 3.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 08/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					5.20	-2.20		Grey clayey GRAVEL. Gravels are fine to coarse rounded flint. [STORM BEACH DEPOSITS]	
								Soft grey slightly sandy CLAY. Sands are medium to coarse. [ALLUVIUM]	
					6.00	-3.00		End of Borehole at 6.00m	6
									7
									8
									9
									10

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618186E - 134741N

 Scale
1:25

Location: Hythe, Kent

Level (m): 3.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 08/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50	2.50		Dry vegetation overlying MADE GROUND comprising soft greyish brown very gravelly slightly sandy clay. Gravels are fine to coarse angular brick and flint. Sands are fine to medium.	
								MADE GROUND comprising soft greyish brown to brownish orange slightly gravelly slightly sandy clay. Gravels are fine to coarse angular to subangular brick, concrete, flint and charcoal. Sands are coarse. <i>Cobbles of angular concrete.</i>	1
								<i>Frequent wood and rare plastic.</i>	
								<i>Abundant fleece / cloth blanket.</i>	2
					2.80	0.20		MADE GROUND comprising dark grey gravelly clay. Gravels are fine to medium angular to subangular brick, flint and clinker.	
					3.00	0.00		MADE GROUND comprising soft greyish brown to brownish orange slightly gravelly slightly sandy clay. Gravels are fine to coarse angular to subangular brick, concrete, flint and charcoal. Sands are coarse.	3
					3.90	-0.90		MADE GROUND comprising soft grey sandy clay. Sands are fine.	4
					4.50	-1.50		Soft brown gravelly CLAY. Gravels are fine to coarse rounded flint. [ALLUVIUM]	
					5.00	-2.00		End of Borehole at 5.00m	5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm²)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618166E - 134755N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 08/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Dry vegetation overlying MADE GROUND comprising soft dark brown slightly sandy slightly gravelly clay. Gravels are fine to coarse angular brick and flint. Sands are fine to medium.		
				0.85	3.15		MADE GROUND comprising slightly sandy gravel. Gravels are coarse angular brick and concrete. Sands are coarse.	1	
				1.15	2.85		MADE GROUND comprising greenish grey slightly gravelly clayey sand. Gravels are fine to medium angular to subrounded brick, concrete and flint. Sands are fine. <i>Wood fragments.</i>		
				2.05	1.95		MADE GROUND comprising soft brown slightly sandy slightly gravelly clay. Gravels are fine to coarse angular to subangular brick, concrete, flint and charcoal. Sands are coarse.	2	
				2.30	1.70		MADE GROUND comprising soft very dark grey gravelly clay with a weak organic odour. Gravels are fine to coarse angular to subrounded concrete, flint and clinker.		
				2.50	1.50		End of Borehole at 2.50m	3	
								4	
								5	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618164E - 134757N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 08/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.70	3.30		Dry vegetation overlying MADE GROUND comprising soft dark brown slightly sandy slightly gravelly clay. Gravels are fine to coarse angular brick and flint. Sands are fine to medium.	
					1.20	2.80		MADE GROUND comprising soft brown slightly gravelly slightly sandy clay. Gravels are fine to coarse angular to subangular brick, concrete, flint and charcoal. Sands are fine.	1
					1.90	2.10		MADE GROUND comprising greyish brown to brownish orange slightly gravelly clayey sand. Gravels are fine to medium angular brick, concrete, glass and plastic. Sands are fine to coarse.	
					2.30	1.70		MADE GROUND comprising soft orangish brown slightly gravelly slightly sandy clay. Gravels are fine to coarse angular to subangular brick, concrete, flint, charcoal and plastic. Sands are fine.	2
					2.70	1.30		MADE GROUND comprising brown gravelly slightly clayey sand. Gravels are fine to coarse angular brick and concrete. Sands are fine to medium.	
					2.70	1.30		MADE GROUND comprising grey slightly gravelly slightly sandy clay. Gravels are coarse brick. Sands are fine to medium.	3
					3.10	0.90		MADE GROUND comprising very dark grey gravelly sand. Gravels are fine to medium angular to subrounded concrete, flint and glass. Sands are fine to medium.	
								Continued on Next Sheet	5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm²)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618164E - 134757N

 Scale
1:25

Location: Hythe, Kent



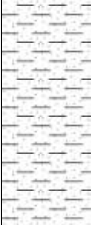
Level (m): 4.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 08/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					5.05	-1.05		MADE GROUND comprising very dark grey gravelly sand. Gravels are fine to medium angular to subrounded concrete, flint and glass. Sands are fine to medium. Brown slightly sandy GRAVEL. Gravels are fine to medium subrounded to rounded flint. Sands are fine. [STORM BEACH DEPOSITS] Soft grey slightly sandy CLAY. Sands are medium to coarse. [ALLUVIUM]	
					5.20	-1.20			
					6.00	-2.00			
								End of Borehole at 6.00m	6
									7
									8
									9
									10

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618126E - 134730N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
NJA

Equipment: Windowless Sampler Terrier Rig

Dates: 08/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.60	3.40		Dry vegetation overlying MADE GROUND comprising soft dark brown very slightly sandy slightly gravelly clay. Gravels are fine to coarse angular brick and flint. Sand is fine to medium.	
								MADE GROUND comprising soft brown slightly sandy slightly gravelly clay. Gravels are fine to coarse angular to subangular brick, concrete, flint and charcoal. Sands are coarse.	1
					2.30	1.70		<i>Cobble of angular concrete.</i>	2
					2.60	1.40		MADE GROUND comprising soft very dark grey gravelly clay with slight hydrocarbon odour. Gravels are fine to coarse angular to subrounded concrete, flint and clinker.	
					2.90	1.10		MADE GROUND comprising brownish orange gravelly sand. Gravels are fine to medium angular concrete and flint. Sands are fine to coarse.	
					3.20	0.80		MADE GROUND comprising brownish grey sandy gravel. Gravels are fine to coarse angular to subrounded flint and concrete. Sands are fine.	3
					4.00	0.00		Greyish brown slightly sandy GRAVEL. Gravels of fine to medium subrounded to rounded flint. Sands are fine. [STORM BEACH GRAVELS]	
								End of Borehole at 4.00m	4
									5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618095E - 134743N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 09/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Dry vegetation overlying soft brown gravelly very sandy clay. Gravels are medium subangular brick, concrete and flint. Sands are coarse.		
					1.00	3.00	MADE GROUND comprising firm greenish brown gravelly sandy clay. Gravels are medium angular brick, flint, plastic, charcoal and glass. Sands are coarse.	1	
					2.00	2.00	MADE GROUND comprising dark brown very sandy gravel. Gravels are medium angular concrete and brick. Sands are coarse.	2	
					3.00	1.00	MADE GROUND comprising soft orangish brown gravelly sandy clay. Gravels are medium subangular to subrounded flint, brick, plastic and glass. Sands are coarse.	3	
					4.30	-0.30	MADE GROUND comprising dark grey sandy gravel. Gravels are medium angular flint and tarmac. Sands are coarse.		
					4.50	-0.50	Greenish grey slightly sandy CLAY. Sands are coarse subangular shells. [ALLUVIUM]		
					5.00	-1.00	End of Borehole at 5.00m	5	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm²)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 618049E - 134729N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 09/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.80	3.20		Dry vegetation overlying soft brown gravelly very sandy clay. Gravels are medium subangular brick, concrete, plastic and flint. Sands are coarse.	
					1.00	3.00		MADE GROUND comprising soft orangish brown gravelly sandy clay. Gravels are medium subangular to subrounded flint, brick, plastic and glass. Sands are coarse.	1
					1.80	2.20		MADE GROUND comprising greenish brown gravelly sand. Gravels are coarse angular brick. Sands are coarse.	
					3.00	1.00		MADE GROUND comprising soft orangish brown gravelly sandy clay. Gravels are medium subangular to subrounded flint, brick, concrete and glass. Sands are coarse.	2
					3.50	0.50		MADE GROUND comprising soft dark grey very gravelly slightly sandy clay with a weak organic odour. Gravels are medium angular wood, glass, brick and concrete. Sands are coarse.	3
					4.20	-0.20		MADE GROUND comprising soft orangish brown gravelly sandy clay. Gravels are medium subangular to subrounded flint, brick and glass. Sands are coarse.	4
					5.00	-1.00		Greenish grey slightly sandy CLAY. Sands are coarse subangular shells. [ALLUVIUM]	5
								End of Borehole at 5.00m	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 617989E - 134733N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 09/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.80	3.20		Dry vegetation overlying soft brown gravelly very sandy clay. Gravels are medium subangular brick, concrete, plastic and flint. Sands are coarse.	
					1.40	2.60		MADE GROUND comprising soft orangish brown gravelly sandy clay. Gravels are medium subangular to subrounded flint, concrete, brick and glass. Sands are coarse.	1
					2.60	1.40		MADE GROUND comprising dark brown very gravelly sandy clay. Gravels are coarse angular concrete and brick. Sands are coarse.	2
					4.90	-0.90		MADE GROUND comprising soft dark green mottled black gravelly slightly sandy clay with a moderate hydrocarbon odour. Gravels are coarse angular concrete, brick and rare wood. Sands are coarse.	3
					5.00	-1.00		MADE GROUND comprising dark grey sandy gravel.	4
								Continued on Next Sheet	5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 617989E - 134733N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 09/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND comprising dark grey sandy gravel. Gravels are medium angular flint and tarmac. Sands are coarse. Off-white gravelly clayey SAND. Gravels are medium subrounded flint. Sands are coarse [STORM BEACH DEPOSITS]		
				6.00	-2.00		End of Borehole at 6.00m	6	
								7	
								8	
								9	
								10	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 617969E - 134711N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 09/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Dry vegetation overlying MADE GROUND comprising soft brown gravelly sandy clay. Gravels are medium to coarse subangular tarmac, plastic, brick and flint. Sands are coarse.	1	
					1.40	2.60	Whole brick. Concrete.		
					2.10	1.90	MADE GROUND comprising soft orangish brown gravelly sandy clay. Gravels are medium subangular to subrounded flint, brick and glass. Sands are coarse.	2	
					2.50	1.50	MADE GROUND comprising soft dark brown very gravelly clay. Gravels are coarse angular wood.		
					3.10	0.90	MADE GROUND comprising dark brown gravelly sandy clay. Gravels are fine subrounded to subangular flint and tarmac. Sands are coarse.	3	
							MADE GROUND comprising soft dark green mottled black gravelly slightly sandy clay with a moderate hydrocarbon odour. Gravels are coarse angular concrete, slate, brick and plastic. Sands are coarse.	4	
					4.90	-0.90	MADE GROUND comprising dark grey sandy gravel.	5	
Continued on Next Sheet									

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 617969E - 134711N

 Scale
1:25

Location: Hythe, Kent


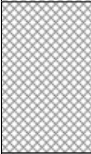

Level (m): 4.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 09/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					5.30	-1.30		MADE GROUND comprising dark grey sandy gravel. Gravels are medium angular flint and tarmac. Sands are coarse.	
					5.80	-1.80		MADE GROUND comprising firm greenish grey slightly gravelly clay. Gravels are fine angular brick and flint.	
					6.00	-2.00		Greenish grey slightly sandy CLAY. Sands are coarse subangular shells. [ALLUVIUM]	
								End of Borehole at 6.00m	6
									7
									8
									9
									10

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

Project Name: Princes Parade

 Project No.
22281

Co-ords: 617956E - 134689N

 Scale
1:25

Location: Hythe, Kent

Level (m): 4.00

 Logged By
SJM

Equipment: Windowless Sampler Terrier Rig

Dates: 09/04/2021

Checked By

Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Dry vegetation overlying MADE GROUND comprising soft brown gravelly slightly sandy clay. Gravels are medium to coarse subangular plastic, brick and flint. Sands are coarse.		
				0.90	3.10				
				1.00	3.00		MADE GROUND comprising pale grey gravel. Gravels are coarse angular concrete.	1	
							MADE GROUND comprising pale brown slightly gravelly very sandy clay. Gravels are medium subangular concrete and brick. Sands are fine to coarse.		
				2.00	2.00		MADE GROUND comprising soft black mottled dark grey very gravelly sandy clay with a moderate hydrocarbon odour. Gravels are medium angular concrete, brick charcoal, glass, chalk and flint. Sands are coarse.	2	
								3	
								4	
				4.20	-0.20		MADE GROUND comprising soft dark green mottled black gravelly sandy clay with a moderate organic odour. Gravels are medium angular concrete and brick. Sands are coarse.		
				4.70	-0.70		Greenish grey slightly sandy CLAY. Sands are coarse subangular shells. [ALLUVIUM]		
				5.00	-1.00		End of Borehole at 5.00m	5	

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and C.A.T. cleared prior to drilling.

APPENDIX 3 ▪ Photographic Logs



Plate 01: TP101 position.



Plate 02: TP101 ranging from ground level to 0.7 m bgl.



Plate 03: TP101 ranging from 0.7 to 1.7 m bgl.



Plate 04: TP101 – electricity cable identified within plastic ducting at 0.9 m bgl.



Plate 05: TP101 ranging from 1.7 to 2.7 m bgl.



Plate 06: TP101 ranging from 2.7 to 3.4 m bgl.



Plate 07: TP101 finished excavation.



Plate 08: TP101 samples.



Plate 09: TP102 position.



Plate 10: TP102 ranging from ground level to 0.4 m bgl.



Plate 11: TP102 ranging from 0.4 to 2.1 m bgl.



Plate 12: TP102 ranging from 0.4 to 2.1 m bgl.



Plate 13: TP102 ranging from 2.6 to 3.5 m bgl.



Plate 14: TP102 ranging from 3.5 to 4.0 m bgl.



Plate 15: TP102 finished excavation.



Plate 16: TP102 samples.



Plate 17: TP103 position.



Plate 18: TP103 ranging from ground level to 0.8 m bgl.



Plate 19: TP103 ranging from 0.8 to 1.4 m bgl.



Plate 20: TP103 ranging from 1.4 to 3.0 m bgl.



Plate 21: TP103 ranging from 3.0 to 4.7 m bgl.



Plate 22: TP103 finished excavation.



Plate 23: TP103 samples.



Plate 24: TP104 position.



Plate 25: TP104 ranging from ground level to 0.7 m bgl.



Plate 26: TP104 ranging from 0.7 to 1.2 m bgl.



Plate 27: TP104 ranging from 1.2 to 2.8 m bgl.



Plate 28: TP104 ranging from 2.8 to 3.5 m bgl.



Plate 29: TP104 finished excavation.



Plate 30: TP104 samples.



Plate 31: TP105 position.



Plate 32: TP105 ranging from ground level to 0.8 m bgl.



Plate 33: TP105 ranging from 0.8 to 1.2 bgl.



Plate 34: TP105 ranging from 1.6 to 2.5 m bgl.



Plate 35: TP105 ranging from 2.5 to 3.5m bgl.



Plate 36: TP105 from 3.5 to 4.2 m bgl.



Plate 37: TP105 ranging from 4.2 to 4.5 m bgl.



Plate 38: TP105 finished excavation.



Plate 39: TP105 samples.



Plate 40: TP106 position.



Plate 41: TP106 ranging from ground level to 0.45 m bgl.



Plate 42: TP106 ranging from 0.45 to 1.45 m bgl.



Plate 43: TP106 ranging from 1.55 to 1.7 m bgl.



Plate 44: TP106 ranging from 1.7 to 2.9 m bgl.



Plate 45: TP106 ranging from 2.9 to 3.1 m bgl.



Plate 46: TP106 ranging from 3.1 to 3.5 m bgl.



Plate 47: TP106 ranging from 3.5 to 4.1 m bgl.



Plate 48: TP106 ranging from 3.5 to 4.1 m bgl.

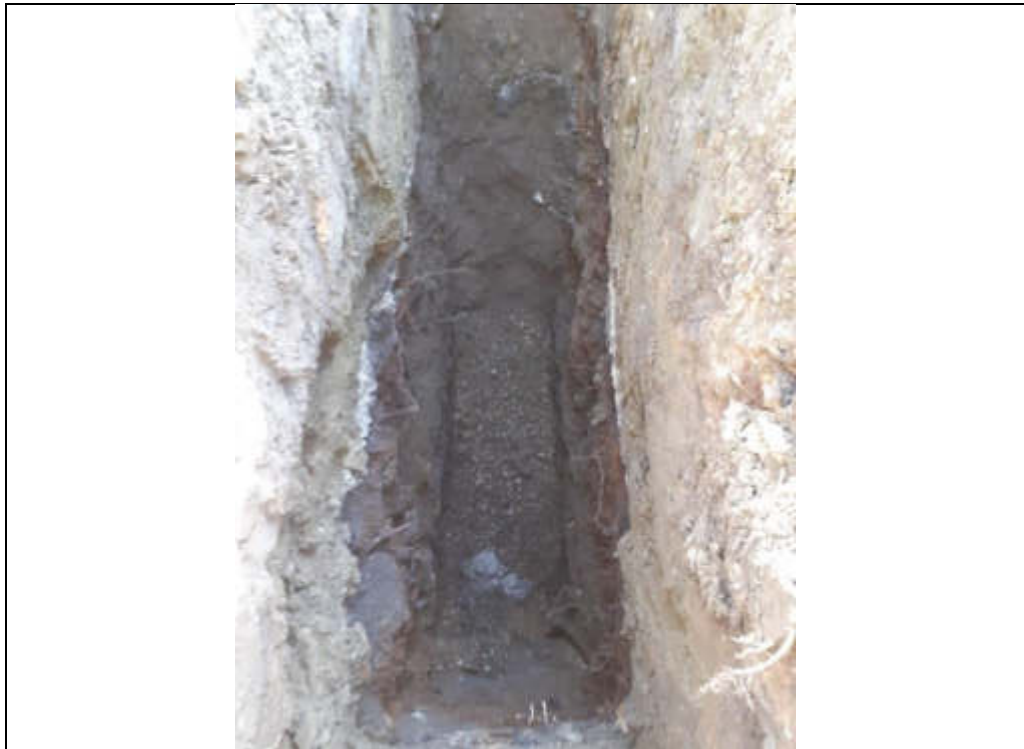


Plate 49: TP106 finished excavation.



Plate 50: TP106 samples.



Plate 51: TP107 position.



Plate 52: TP107 ranging from ground level to 1.0 to 3.0 m bgl.



Plate 53: TP107 – wooden log identify at 2.0 m bgl.



Plate 54: TP107 showing pit collapse.



Plate 55: TP107 finished excavation.



Plate 56: TP107 ranging from 1.0 to 3.0 m bgl.



Plate 57: TP107 sample.



Plate 58: TP108 position.



Plate 59: TP108 ranging from 0.9 to 3.2 m bgl.



Plate 60: TP108 ranging from ground level to 0.9 m bgl.



Plate 61: TP108 ranging from 0.9 to 3.2 m bgl.



Plate 62: TP108 ranging from 3.2 to 4.0 m bgl.



Plate 63: TP108 ranging from ground level to 0.9 m bgl.



Plate 64: TP108 finished excavation.

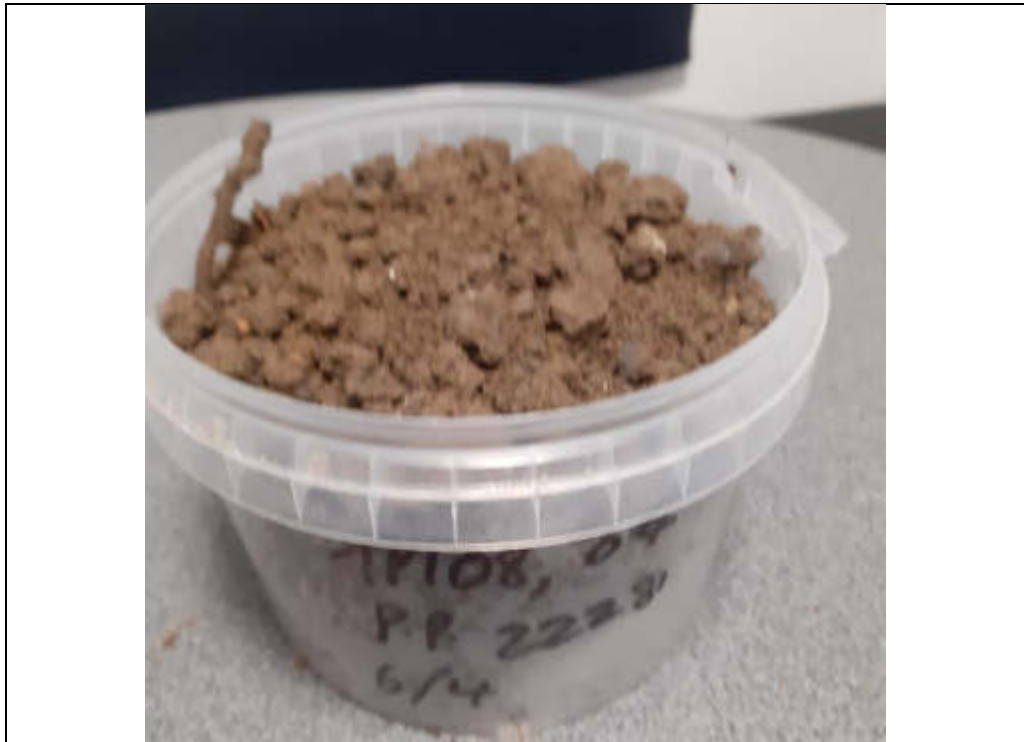


Plate 65: TP108 sample.



Plate 66: TP108 sample.

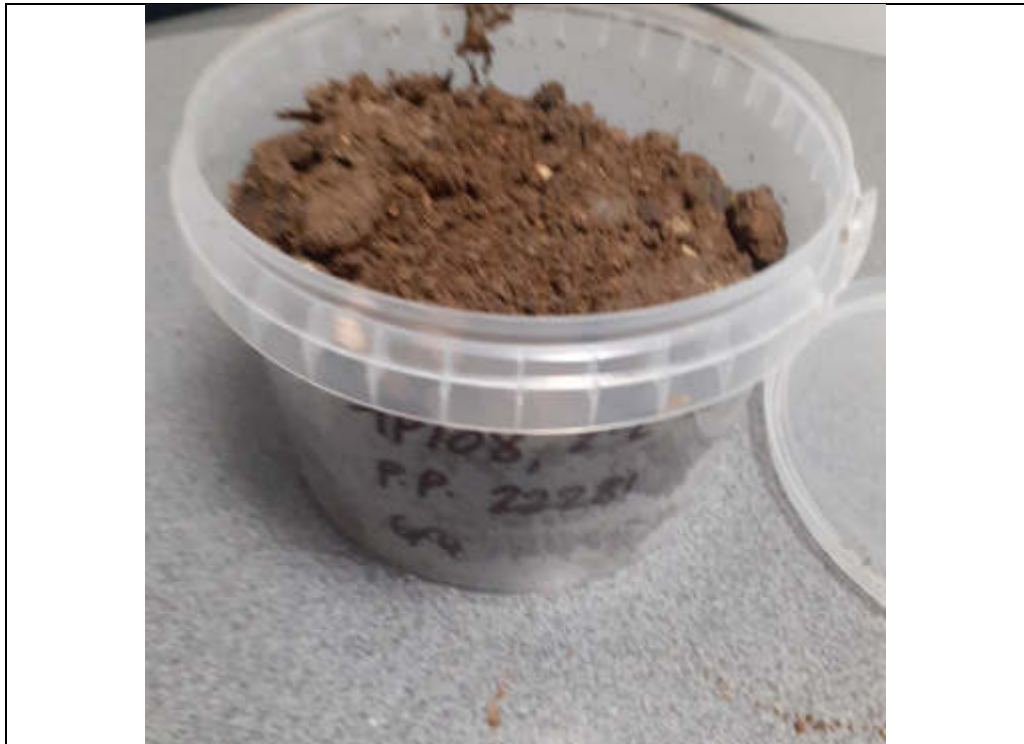


Plate 67: TP108 sample.



Plate 68: TP109 position.



Plate 69: TP109 ranging from ground level to 1.0 m bgl.



Plate 70: TP109 ranging from 1.0 to 3.0 m bgl.



Plate 71: TP109 ranging from 4.0 to 5.2 m bgl.



Plate 72: TP109 finished excavation.



Plate 73: TP109 sample.

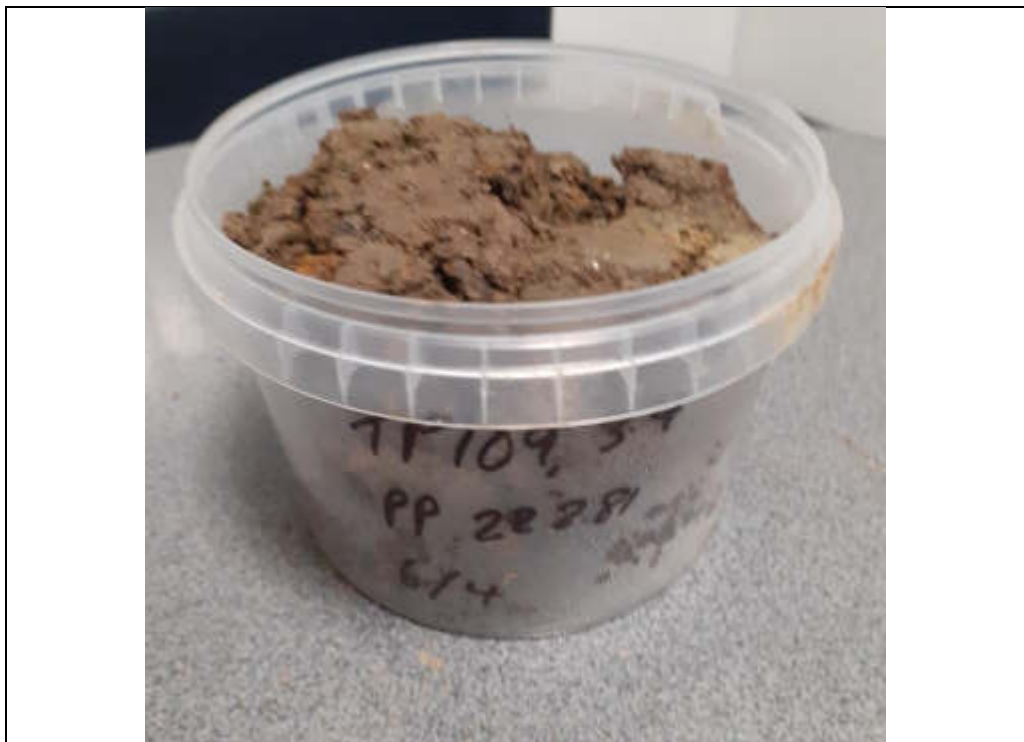


Plate 74: TP109 sample.

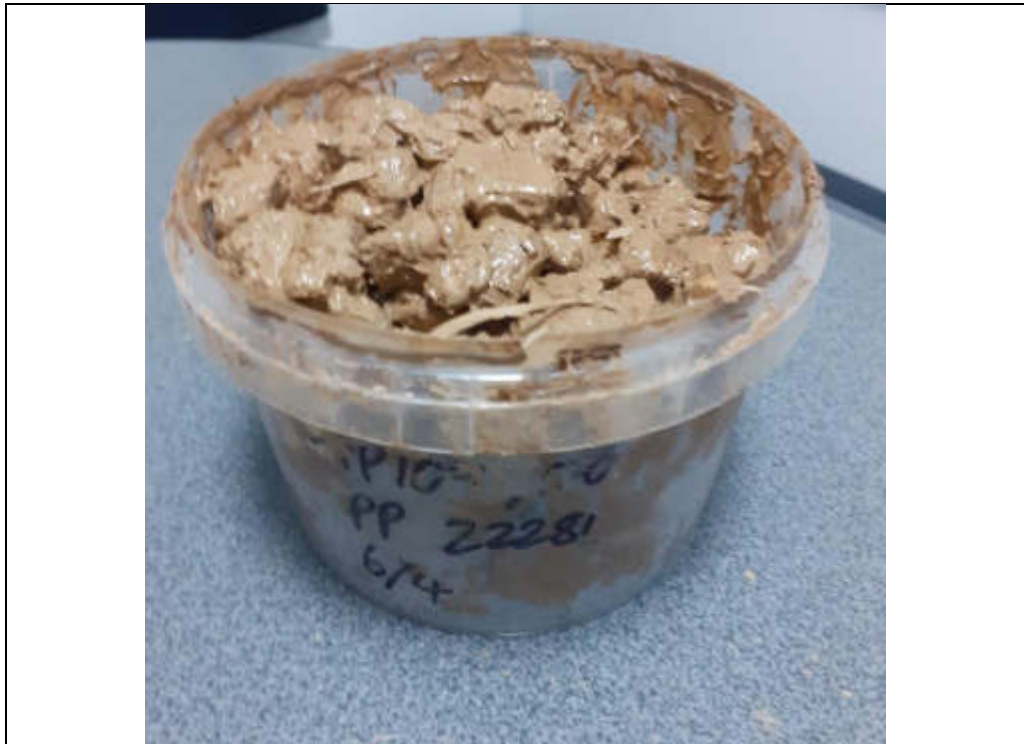


Plate 75: TP109 sample.



Plate 76: TP110 position.



Plate 77: TP110 ranging from ground level to 1.0



Plate 78: TP110 ranging from 1.0 to 1.3 m bgl.



Plate 79: TP110 ranging from 1.3 to 3.8 m bgl.



Plate 80: TP110 ranging from 3.8 to 4.3 m bgl.



Plate 81: TP110

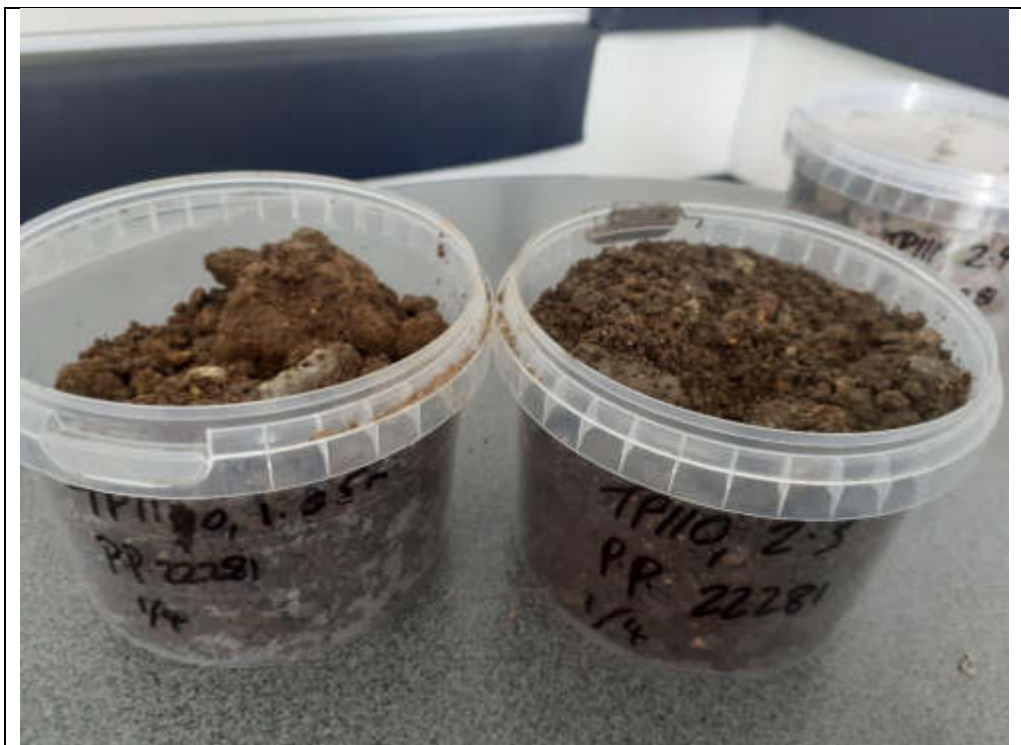


Plate 82: TP110 samples.



Plate 83: TP111 position.



Plate 84: TP111 ranging from 1.2 to 2.4 m bgl.



Plate 85: TP111 ranging from 2.4 to 3.2 m bgl.



Plate 86: TP111 finished excavation.

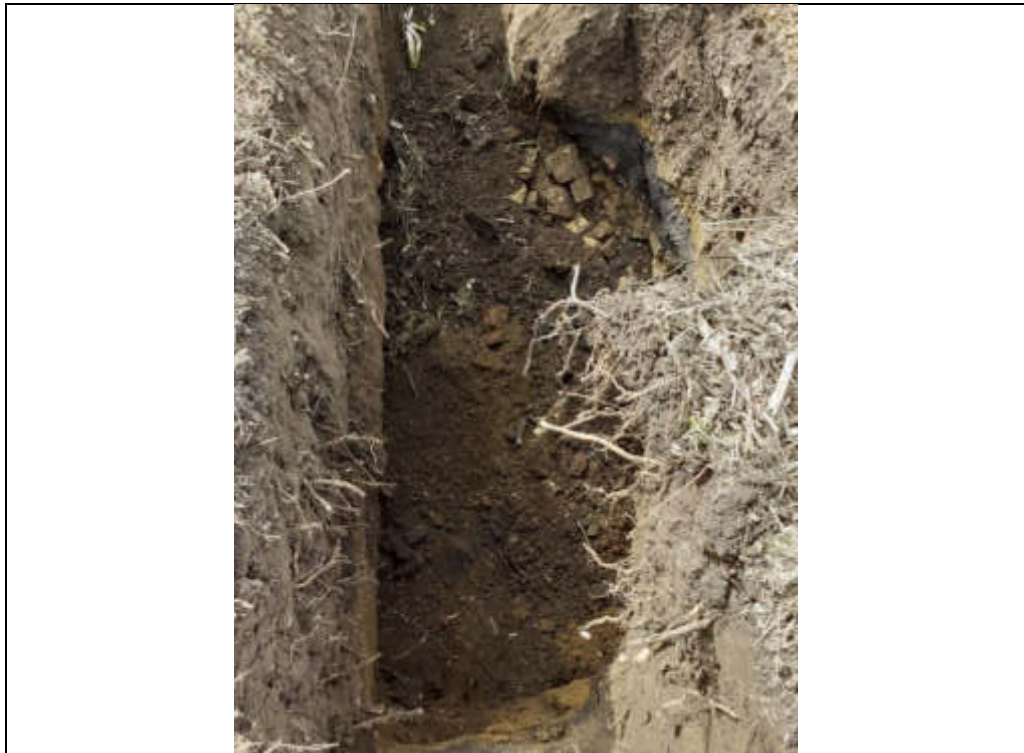


Plate 87: TP111 finished excavation.

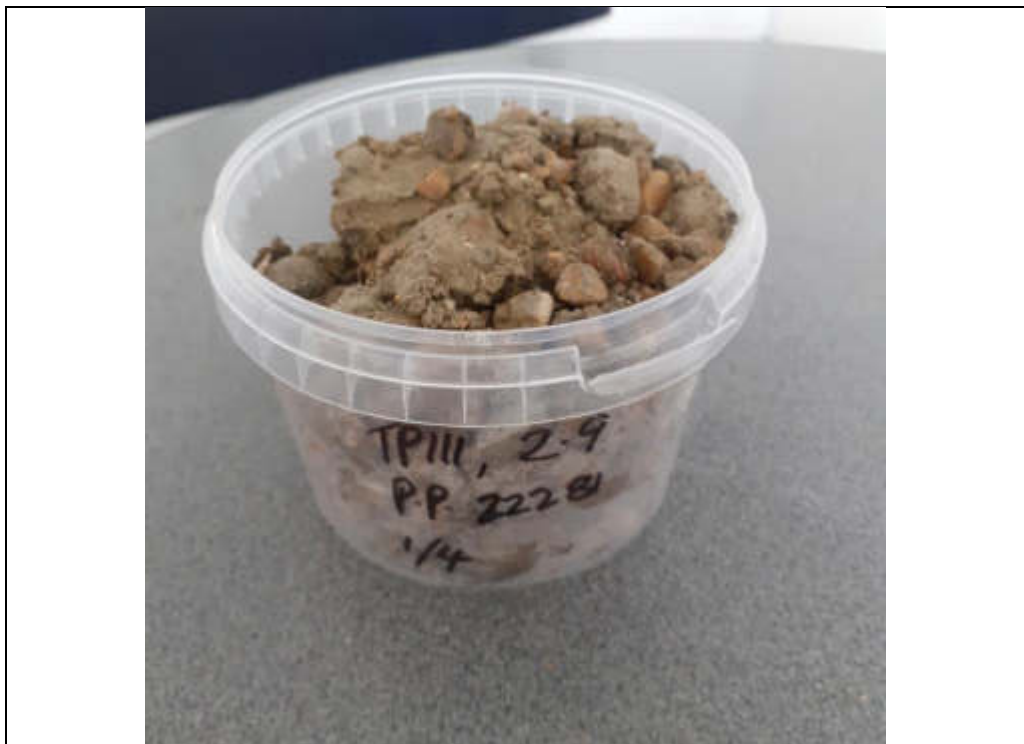


Plate 88: TP111 sample.



Plate 89: TP112 position.



Plate 90: TP112 ranging from ground level to 1.3 m bgl.



Plate 91: TP112 ranging from 1.3 to 1.8 m bgl.



Plate 92: TP112 ranging from 1.8 to 2.1 m bgl.



Plate 93: TP112 ranging from 2.1 to 3.7 m bgl.



Plate 94: TP112 ranging from 3.7 to 4.6 m bgl.



Plate 95: TP112 ranging from 3.7 to 4.6 m bgl.



Plate 96: TP112 finished excavation.



Plate 97: TP112 samples.

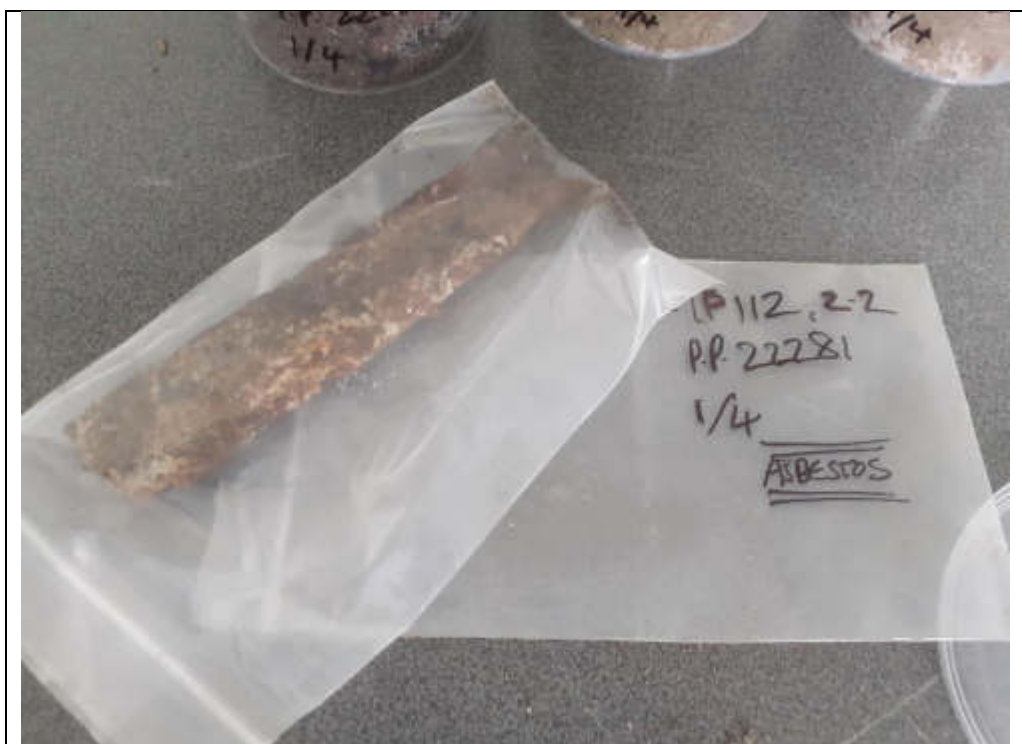


Plate 98: TP112 sample.



Plate 99: TP113 position.



Plate 100: TP113 ranging from ground level to 0.9 m bgl.



Plate 101: TP113 ranging from 0.9 to 2.2 m bgl.



Plate 102: TP113 ranging from 2.2 to 4.1 m bgl.



Plate 103: TP113 ranging from 4.1 to 5.0 m bgl.



Plate 104: TP113 finished excavation.



Plate 105: TP113 samples.



Plate 106: TP114 position.



Plate 107: TP114 ranging from ground level to 0.65 m bgl.



Plate 108: TP114 ranging from 0.65 to 2.7 m bgl.



Plate 109: TP114 ranging from 2.7 to 3.4 m bgl.



Plate 110: TP114 ranging from 3.4 to 4.4 m bgl.



Plate 111: TP114 ranging from 4.4 to 5.5 m bgl.



Plate 112: TP114 finished excavation.



Plate 113: TP114 samples.



Plate 114: TP115 position.



Plate 115: TP115 ranging from ground level to 0.7 m bgl.



Plate 116: TP115 ranging from 0.7 to 2.5 m bgl.



Plate 117: TP115 ranging from 2.5 to 4.5 m bgl.



Plate 118: TP115 ranging from 4.5 to 5.5 m bgl.



Plate 119: TP115 finished excavation.



Plate 120: TP115 samples.



Plate 121: TP116 position.



Plate 122: TP116 ranging from ground level to 0.9 m bgl.



Plate 123: TP116 ranging from 0.9 to 1.2 m bgl.



Plate 124: TP116 ranging from 1.2 to 1.9 m bgl.



Plate 125: TP116 ranging from 1.2 to 1.9 m bgl.



Plate 126: TP116 ranging from 1.9 to 2.5 m bgl.



Plate 127: TP116 finished excavation.



Plate 128: TP116 showing pit collapse.



Plate 129: TP116 samples.



Plate 130: TP117 position.



Plate 131: TP117 ranging from ground level to 0.8 m bgl.



Plate 132: TP117 ranging from 0.8 to 2.0 m bgl.



Plate 133: TP117 ranging from 2.0 to 2.6 m bgl.



Plate 134: TP117 ranging from 2.6 to 3.7 m bgl.



Plate 135: TP117 ranging from 2.6 to 3.7 m bgl.



Plate 136: TP117 ranging from 3.7 to 4.5 m bgl.



Plate 137: TP117 showing final stockpile.



Plate 138: TP117 finished excavation.



Plate 139: TP117 samples.



Plate 140: TP118 position.



Plate 141: TP118 ranging from ground level to 0.6 m bgl.



Plate 142: TP118 ranging from 0.6 to 3.2 m bgl.



Plate 143: TP118 ranging from 3.2 to 4.1 m bgl.



Plate 144: TP118 ranging from 4.1 to 4.5 m bgl.



Plate 145: TP118 finished excavation.



Plate 146: TP118 sample.



Plate 147: TP118 sample.



Plate 148: TP119 position.



Plate 149: TP119 ranging from ground level to 0.6 m bgl.



Plate 150: TP119 ranging from 0.6 to 2.7 m bgl.



Plate 151: TP119 showing boulder of concrete.



Plate 152: TP119 ranging from 2.7 to 3.9 m bgl



Plate 153: TP119 ranging from 3.9 to 4.0 m bgl



Plate 154: TP119 finished excavation.



Plate 155: TP119 sample.



Plate 156: TP119 sample.



Plate 157: TP119 sample.



Plate 158: TP120 position.



Plate 159: TP120 ranging from 4.0 to 4.8 m bgl.



Plate 160: TP120 ranging from 0.6 to 4.0 m bgl.



Plate 161: TP120 finished excavation.



Plate 162: TP120 sample.



Plate 163: TP120 sample.



Plate 164: TP120 sample.



Plate 165: TP121 position.



Plate 166: TP121 ranging from ground level to 0.6 m bgl.



Plate 167: TP121 ranging from 0.6 to 2.5 m bgl.



Plate 168: TP121 ranging from 0.6 to 2.5 m bgl.



Plate 169: TP121 ranging from 3.3 to 3.8 m bgl.



Plate 170: TP121 finished excavation.



Plate 171: TP121 final stockpile.



Plate 172: TP121 sample.



Plate 173: TP121 sample.



Plate 174: TP121 sample.



Plate 175: TP122 position.



Plate 176: TP122 ranging from ground level to 0.5 m bgl.



Plate 177: TP122 ranging from 0.5 to 3.3 m bgl.



Plate 178: TP122 ranging from 0.5 to 3.3 m bgl.



Plate 179: TP122 ranging from 3.0 to 3.5 m bgl.



Plate 180: TP122 ranging from 3.3 to 4.8 m bgl.



Plate 181: TP122 ranging from 5.0 to 5.2 m bgl.



Plate 182: TP122 finished excavation.



Plate 183: TP122 sample.



Plate 184: TP122 sample.

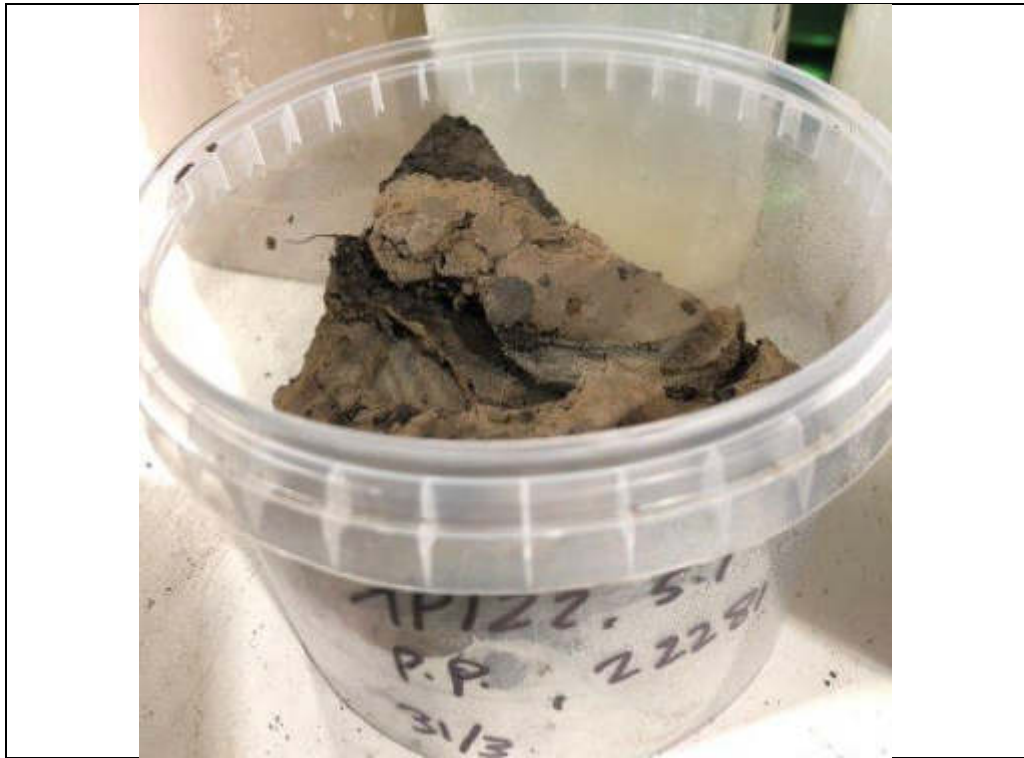


Plate185: TP122 sample.



Plate 186: TP123 position.



Plate 187: TP123 ranging from 0.5 to 2.6 m bgl.



Plate 188: TP123 ranging from ground level to 0.5 m bgl.



Plate 189: TP123 ranging from 2.6 to 4.5 m bgl.



Plate 190: TP123 ranging from 2.6 to 4.6 m bgl.



Plate 191: TP123 final stockpile.



Plate 192: TP123 final stockpile.

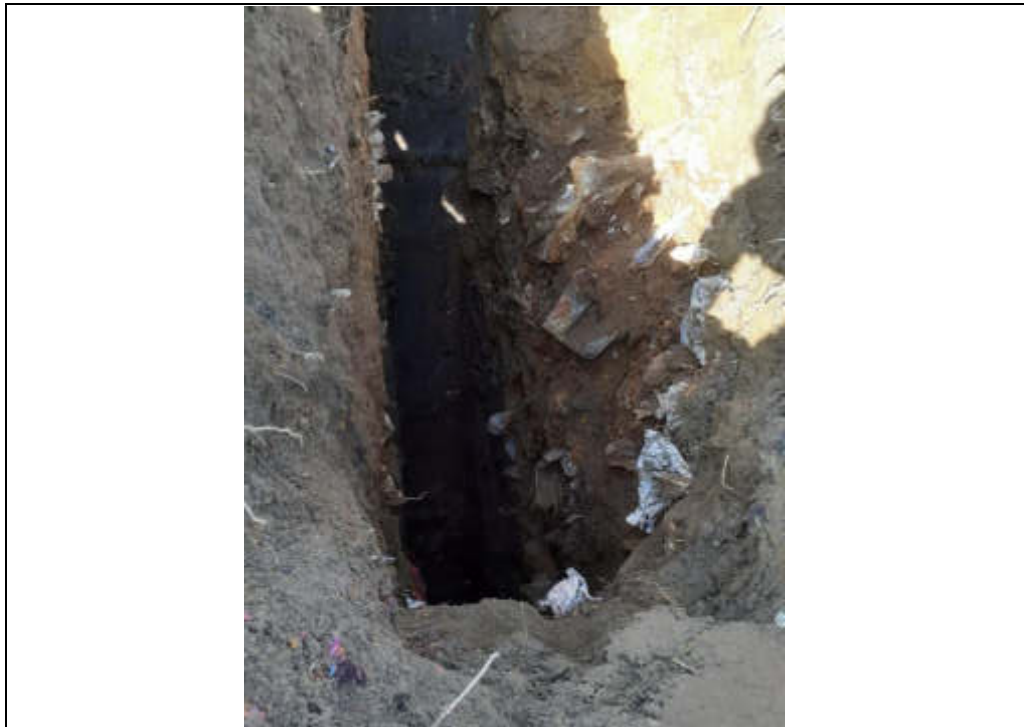


Plate 193: TP123 finished excavation.



Plate 194: TP123 sample.



Plate 195: TP123 sample.



Plate 196: TP123 sample.



Plate 197: TP124 position.



Plate 198: TP124 ranging from ground level to 0.7 m bgl.



Plate 199: TP124 ranging from 0.7 to 2.0 m bgl.



Plate 200: TP124 ranging from 2.0 to 3.7 m bgl.



Plate 201: TP124 ranging from 3.7 to 4.5 m bgl.

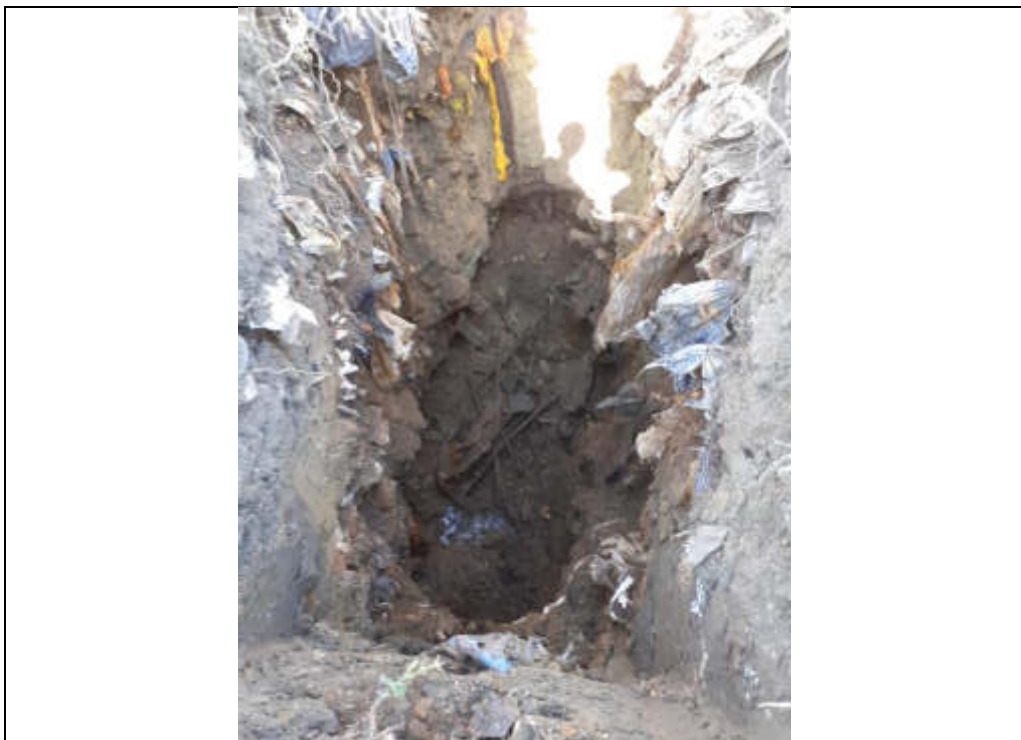


Plate 202: TP124 finished excavation.



Plate 203: TP124 sample.



Plate 204: TP124 sample.



Plate 205: TP124 sample.



Plate 206: TP125A position.



Plate 207: TP125A ranging from ground level to 0.6 m bgl.



Plate 208: TP125A ranging from 1.2 to 3.1 m bgl.



Plate 209: TP125A – medical needles identified.



Plate 210: TP125A – potential metal boiler / gasket.



Plate 211: TP125A ranging from 4.5 to 5.2 m bgl.



Plate 212: TP125A ranging from 3.1 to 4.5 m bgl.



Plate 213: TP125A finished excavation.



Plate 214: TP125A sample.



Plate 215: TP125A sample.



Plate 216: TP125A sample.



Plate 217: TP126 position.



Plate 218: TP126 ranging from ground level to 1.1 m bgl.



Plate 219: TP126 ranging from 1.1 to 2.0 m bgl.



Plate 220: TP126 ranging from 1.1 to 2.0 m bgl.

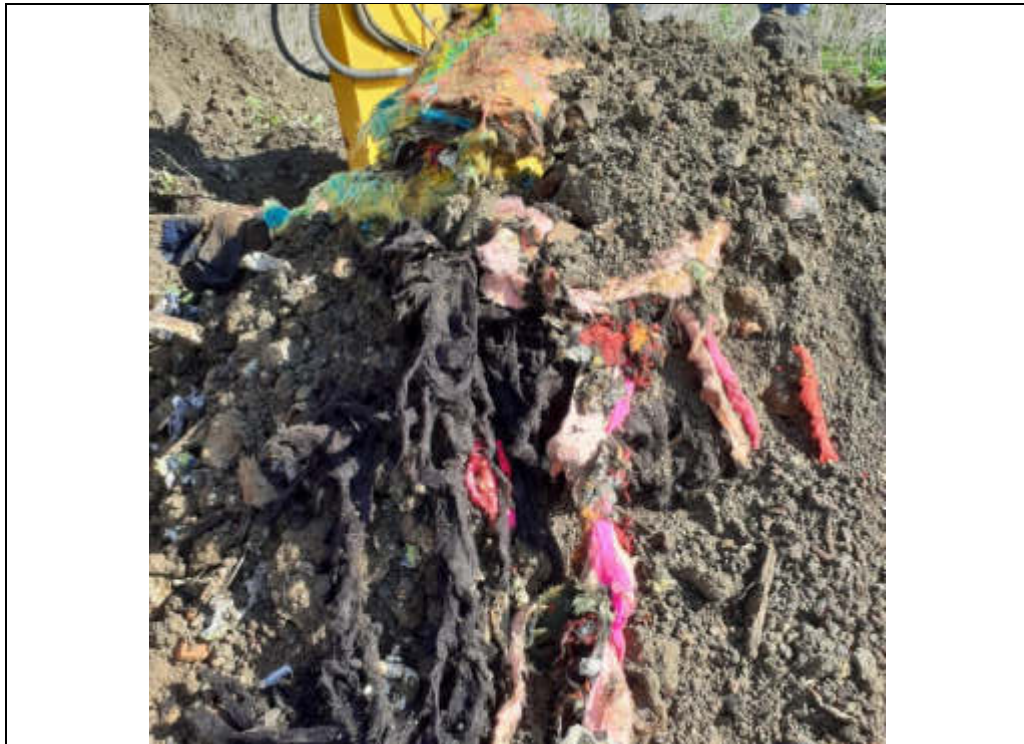


Plate 221: TP126 – cloth blankets.



Plate 222: TP126 ranging from 2.0 to 3.5 m bgl.



Plate 223: TP126 ranging from 3.5 to 4.9 m bgl.



Plate 224: TP126 potential asbestos material.



Plate 225: TP126 ranging from 3.5 to 4.9 m bgl.

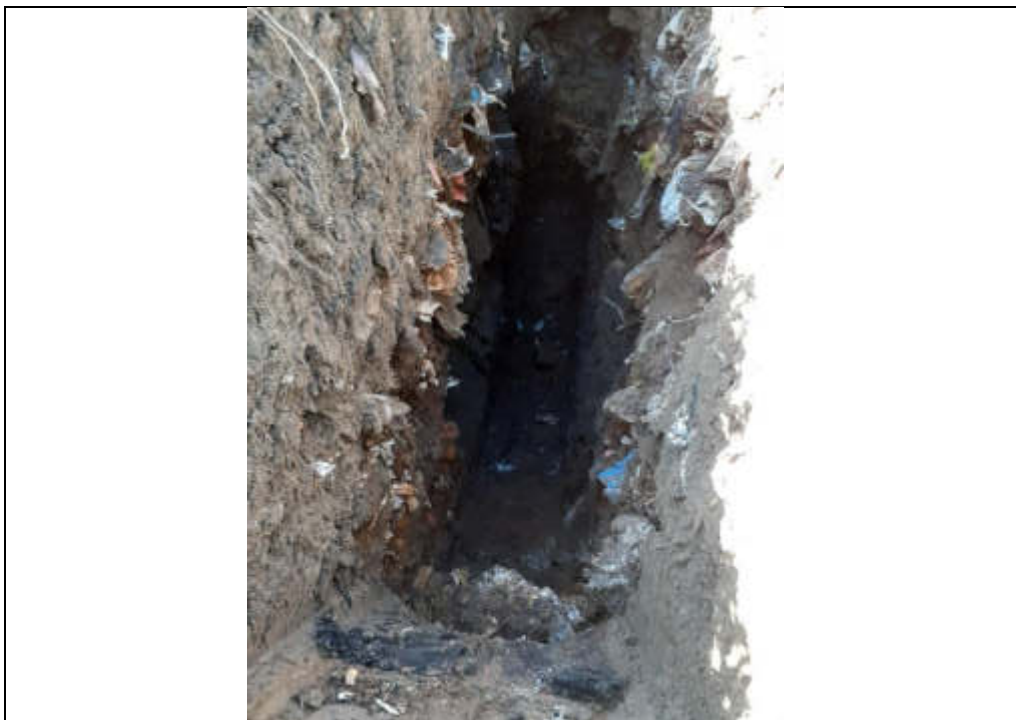


Plate 226: TP126 finished excavation.



Plate 227: TP126 sample.



Plate 228: TP126 sample.



Plate 229: TP126 sample.



Plate 230: TP127 position.



Plate 231: TP127 ranging from ground level to 1.2 m bgl.



Plate 232: TP127 ranging from 1.2 to 3.1 m bgl.



Plate 233: TP127 ranging from 3.1 to 4.5 m bgl.



Plate 234: TP127 ranging from 4.5 to 4.8 m bgl.



Plate 235: TP127 ranging from 4.8 to 5.3 m bgl.

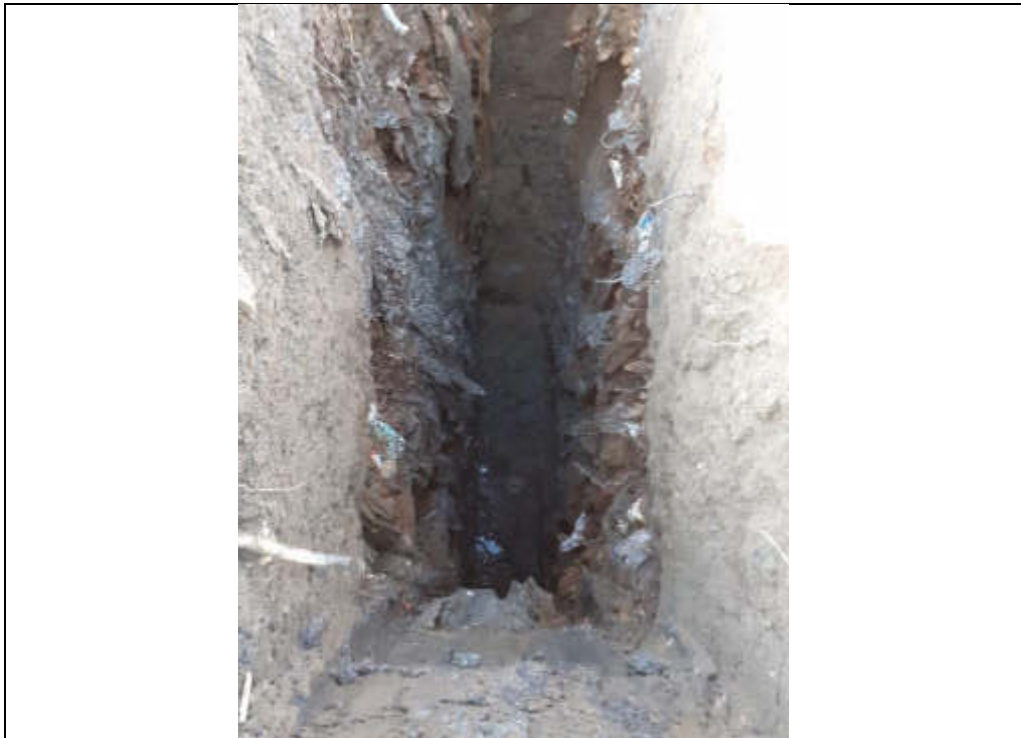


Plate 236: TP127 finished excavation.



Plate 237: TP127 sample.



Plate 238: TP127 sample.



Plate 239: TP127 sample.



Plate 240: TP128 position.



Plate 241: TP128 ranging from ground level to 1.6 m bgl.



Plate 242: TP128 ranging from 1.6 to 2.5 m bgl.



Plate 243: TP128 ranging from 2.5 to 4.1 m bgl.



Plate 244: TP128 ranging from 4.1 to 4.8 m bgl.



Plate 245: TP128 final stockpile.



Plate 246: TP128 finished excavation.



Plate 247: TP128 sample.



Plate 248: TP128 sample.



Plate 249: TP128 sample.



Plate 250: TP129 position.



Plate 251: TP129 ranging from ground level to 1.0 m bgl.



Plate 252: TP129 ranging from 1.0 to 3.2 m bgl.



Plate 253: TP129 ranging from 3.2 to 4.3 m bgl.



Plate 254: TP129 ranging from 4.3 to 5.3 m bgl.



Plate 255: TP129 finished excavation.



Plate 256: TP129 sample.



Plate 257: TP129 sample.



Plate 258: TP130 position.



Plate 259: TP130 position.



Plate 260: TP130 ranging from ground level to 3.5 m bgl.



Plate 261: TP130 ranging from 3.5 to 4.0 m bgl.



Plate 262: TP130 ranging from 4.0 to 5.0 m bgl.



Plate 263: TP130 final stockpile.



Plate 264: TP130 finished excavation.



Plate 265: TP130 sample.



Plate 266: TP130 sample.



Plate 267: TP130 sample.



Plate 268: TP130 sample.



Plate 269: TP131 position.



Plate 270: TP131 ranging from ground level to 0.4 m bgl.



Plate 271: TP131 ranging from 0.4 to 1.5 m bgl.



Plate 272: TP131 ranging from 1.5 to 3.0 m bgl.



Plate 273: TP131 ranging from 3.0 to 4.1 m bgl.



Plate 274: TP131 pit collapse.



Plate 275: TP131 finished excavation.



Plate 276: TP131 final stockpile.



Plate 277: TP131 sample.

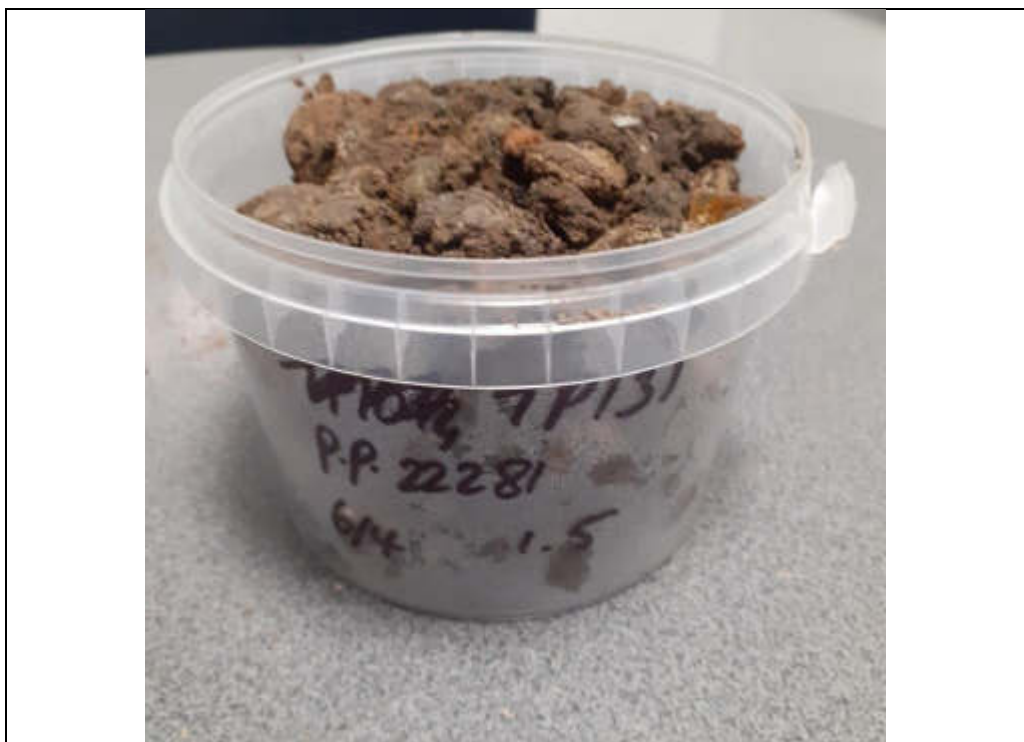


Plate 278: TP131 sample.



Plate 279: TP132 position.



Plate 280: TP132 ranging from ground level to 0.7 m bgl.



Plate 281: TP132 ranging from 0.7 to 0.9 m bgl.



Plate 282: TP132 ranging from 0.9 to 1.8 m bgl.



Plate 283: TP132 ranging from 1.8 to 2.7 m bgl.



Plate 284: TP132 ranging from 3.0 to 4.0 m bgl.



Plate 285: TP132 ranging from 3.0 to 4.0 m bgl.



Plate 286: TP132 final stockpile.



Plate 287: TP132 finished excavation.



Plate 288: TP132 sample.



Plate 289: CP101 position.



Plate 290: CP101 sample, 0.2 m.



Plate 291: CP101 sample, 0.5-1.0 m.



Plate 292: CP101 sample, 0.7 m.



Plate 293: CP101 sample, 1.2 m.



Plate 294: CP101 sample, 1.5-1.95 m.



Plate 295: CP101 sample, 1.5-2.0 m.



Plate 296: CP101 sample, 2.5-2.95 m.



Plate 297: CP101 sample, 3.5-3.95 m.



Plate 298: CP101 sample, 4.5-4.95 m.



Plate 299: CP101 sample, 5.0-5.5 m.



Plate 300: CP101 sample, 5.5-6.0 m.



Plate 301: CP101 sample, 6.5 m.



Plate 302: CP101 sample, 7.0 m.

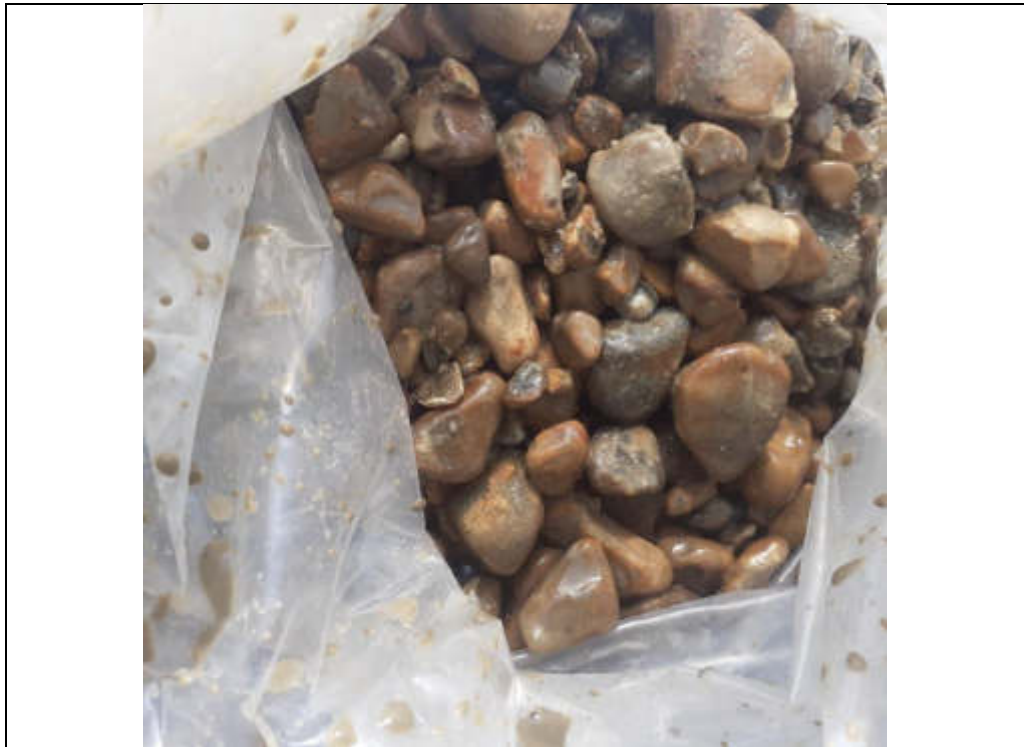


Plate 303: CP101 sample, 7.5-8.0 m.



Plate 304: CP101 sample, 9.0-9.5 m.



Plate 305: CP101 sample, 12.0-12.5 m.



Plate 306: CP101 sample, 12.8-13.3 m.



Plate 307: CP101 sample, 14.0 m.



Plate 308: CP101 sample, 14.5 m.



Plate 309: CP101 sample, 15.0-15.45 m.



Plate 310: CP101 sample, 16.0 m.



Plate 311: CP101 sample, 17.5 m.



Plate 312: CP101 sample, 18.0-18.45 m.



Plate 313: CP101 sample, 19.0 m.



Plate 314: CP101 sample, 20.0 m.



Plate 315: CP101 sample, 20.5 m.



Plate 316: CP101 sample, 21.0-21.45 m.



Plate 317: CP101 sample, 22.0 m.



Plate 318: CP101 sample, 23.0 m.



Plate 319: CP101 sample, 23.4 m.



Plate 320: CP101 sample, 24.0-24.45 m.



Plate 321: CP101 sample, 25.0 m.



Plate 322: CP101 sample, 26.0 m.



Plate 323: CP101 sample, 26.5 m.



Plate 324: CP101 sample, 27.0-27.5 m.



Plate 325: CP101 sample, 27.0-27.45 m.



Plate 326: CP101 sample, 28.0-28.45 m.



Plate 327: CP102 position.



Plate 328: CP102 sample, 0.2 m.



Plate 329: CP102 sample, 0.5-1.0 m.



Plate 330: CP102 sample, 0.7 m.



Plate 331: CP102 sample, 1.2 m.



Plate 332: CP102 sample, 1.5-1.95 m.



Plate 333: CP102 sample, 1.5-2.0 m.



Plate 334: CP102 sample, 2.5-2.95 m.



Plate 335: CP102 sample, 3.5-4.0 m.

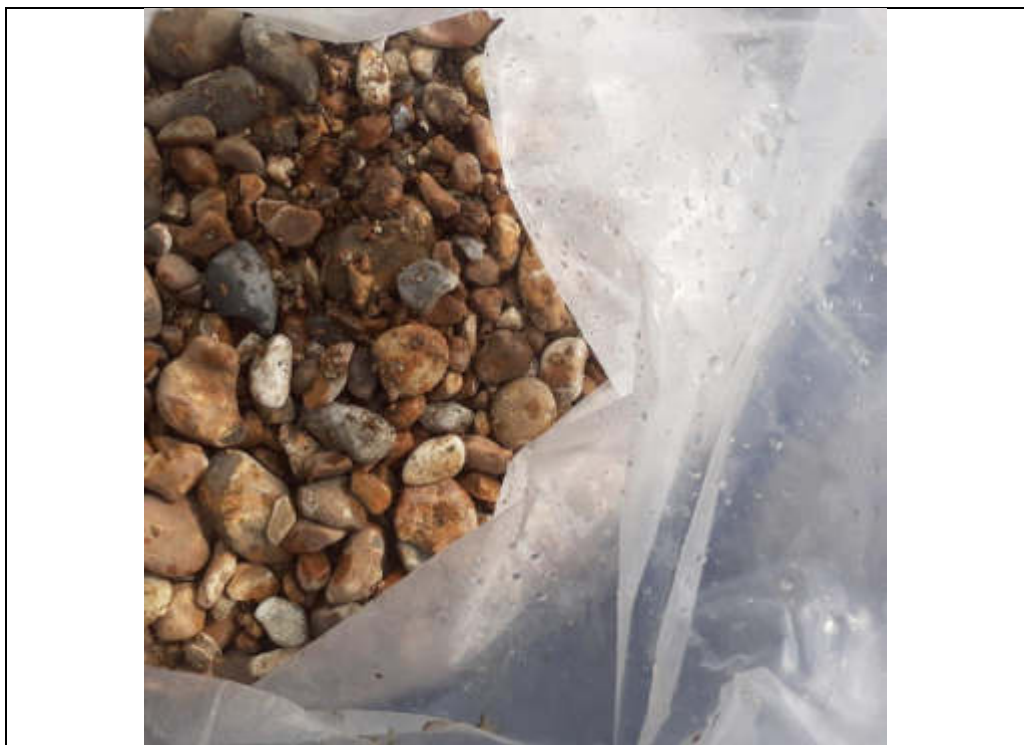


Plate 336: CP102 sample, 4.5-5.0 m.



Plate 337: CP102 sample, 5.5-6.0 m.



Plate 338: CP102 sample, 6.0-6.45 m.



Plate 339: CP102 sample, 7.0 m.



Plate 340: CP102 sample, 7.5-7.95 m.



Plate 341: CP102 sample, 7.5-8.0 m.



Plate 342: CP102 sample, 9.0-9.5 m.



Plate 343: CP102 sample, 10.0-10.5 m.



Plate 344: CP102 sample, 10.5-11.0 m.



Plate 345: CP102 sample, 12.0-12.5 m.



Plate 346: CP102 sample, 13.0 m.



Plate 347: CP102 sample, 13.5-13.95 m.



Plate 348: CP102 sample, 14.0-14.5 m.



Plate 349: CP102 sample, 15.0-15.45 m.



Plate 350: CP102 sample, 16.0 m.



Plate 351: CP102 sample, 17.0 m.



Plate 352: CP102 sample, 17.5 m.



Plate 353: CP102 sample, 18.0-18.45 m.



Plate 354: CP102 sample, 19.0 m.



Plate 355: CP102 sample, 20.0 m.



Plate 356: CP102 sample, 20.5 m.



Plate 357: CP102 sample, 21.0-21.45 m.



Plate 358: CP102 sample, 22.0 m.



Plate 359: CP102 sample, 22.5 m.



Plate 360: CP102 sample, 23.0 m.



Plate 361: CP102 sample, 23.5 m.



Plate 362: CP102 sample, 24.0-24.45 m.



Plate 363: CP102 sample, 26.0 m.



Plate 364: CP102 sample, 26.5-26.6 m.



Plate 365: CP102 sample, 26.5-27.0 m.

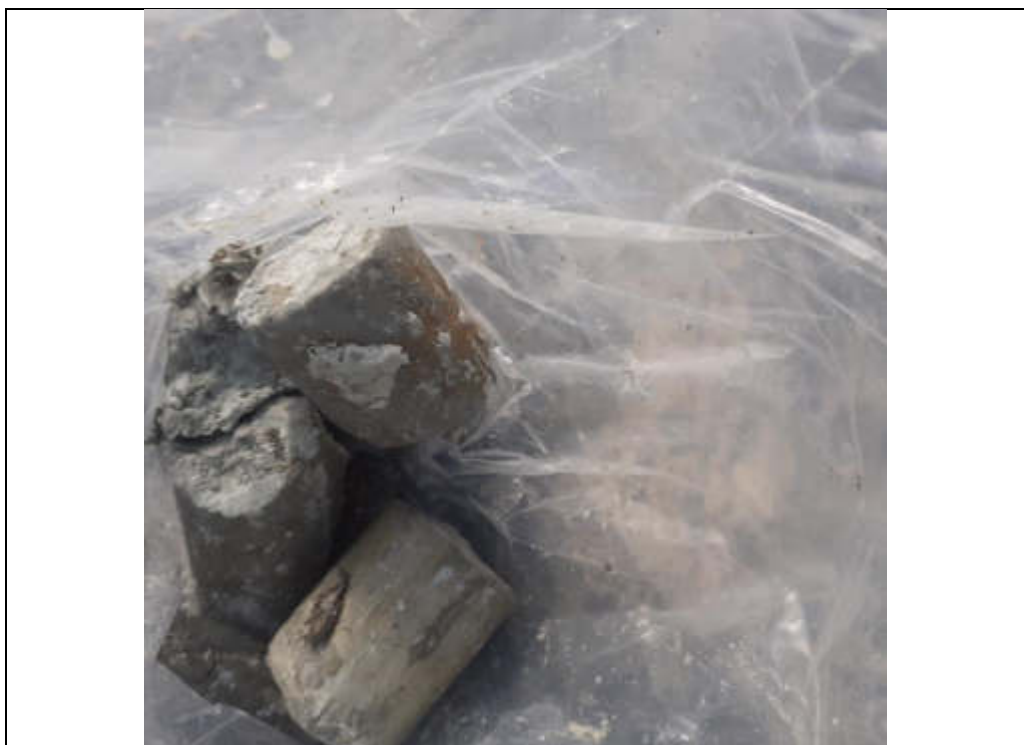


Plate 366: CP102 sample, 27.0-27.45 m.



Plate 367: CP103 position.



Plate 368: CP103 sample, 0.5-0.6 m.



Plate 369: CP103 sample, 1.0-1.2 m.



Plate 370: CP103 sample, 1.2-1.6 m.



Plate 371: CP103 sample, 2.2-2.6 m.



Plate 372: CP103 sample, 3.2-3.6 m.



Plate 373: CP103 sample, 4.2-4.6 m.

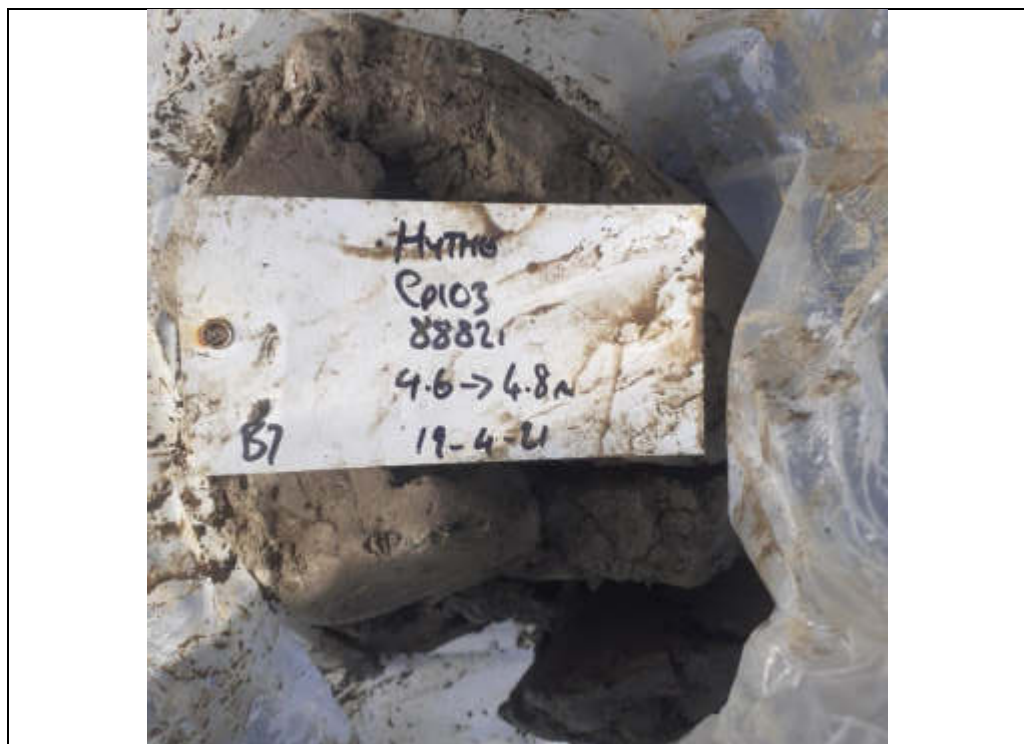


Plate 374: CP103 sample, 4.6-4.8 m.



Plate 375: CP103 sample, 5.2-5.6 m.



Plate 376: CP103 sample, 6.0-6.45 m.

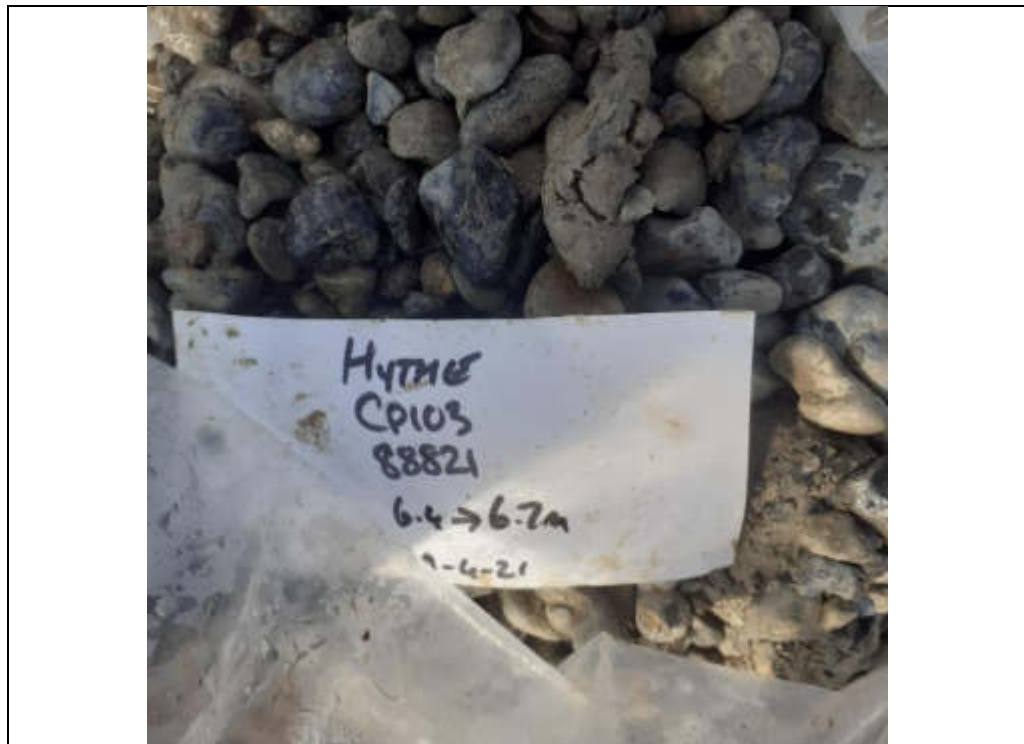


Plate 377: CP103 sample, 6.4-6.7 m.



Plate 378: CP103 sample, 7.5-7.9 m.



Plate 379: CP103 sample, 9.0-9.4 m.

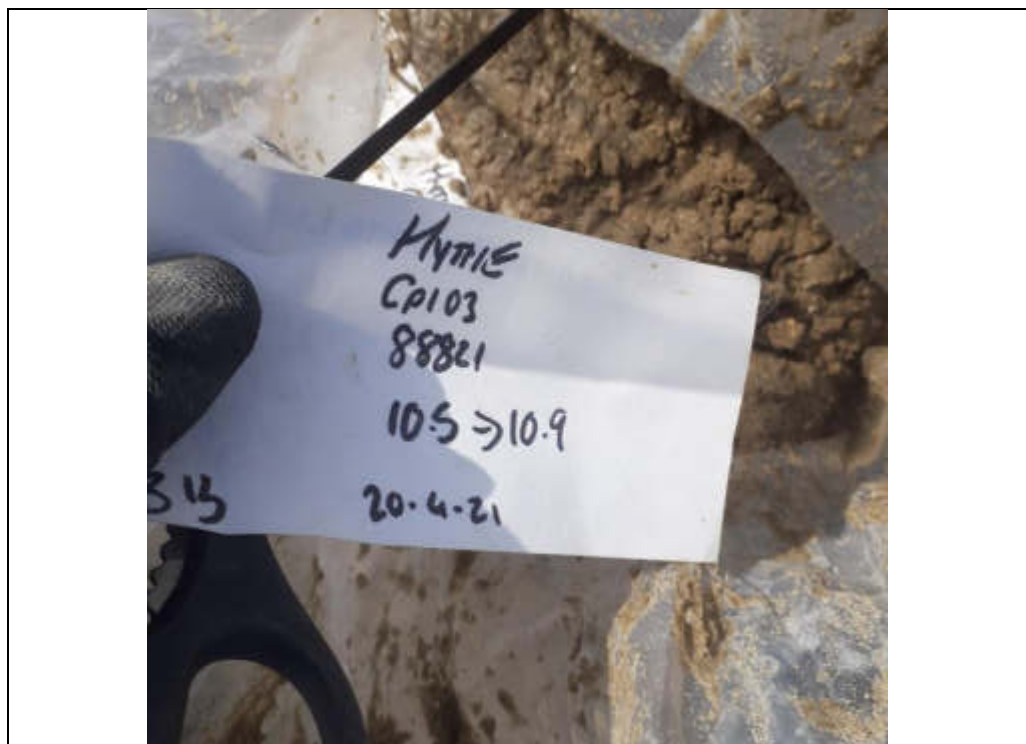


Plate 380: CP103 sample, 10.5-10.9 m.

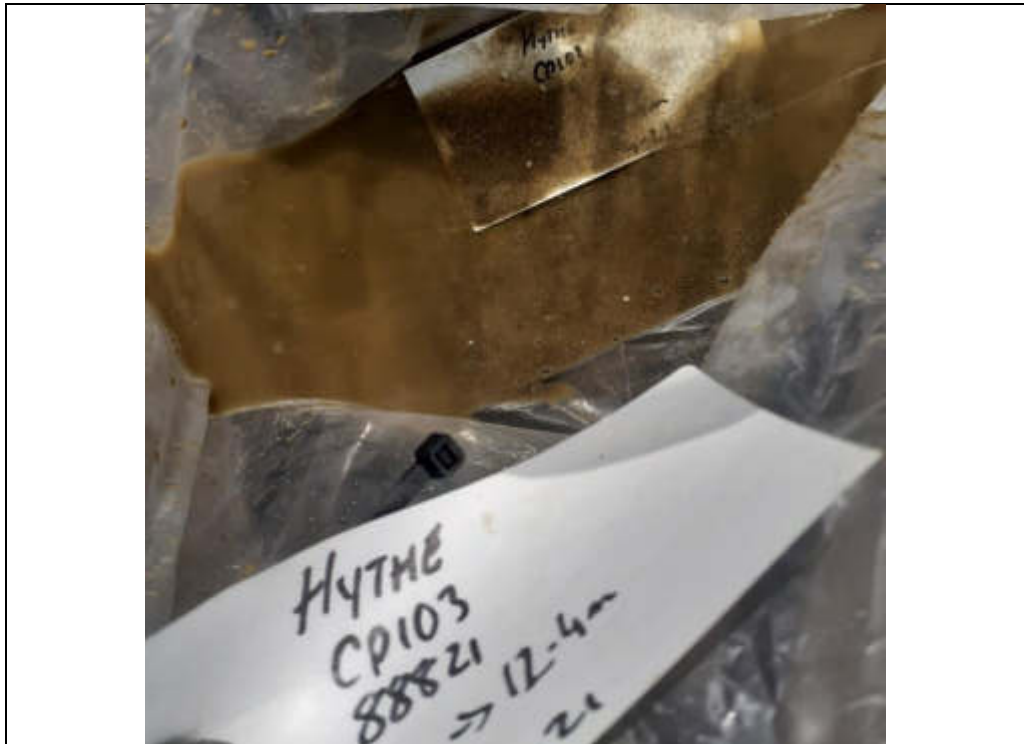


Plate 381: CP103 sample, 12.0-12.4 m.



Plate 382: CP103 sample, 13.5-13.95 m.

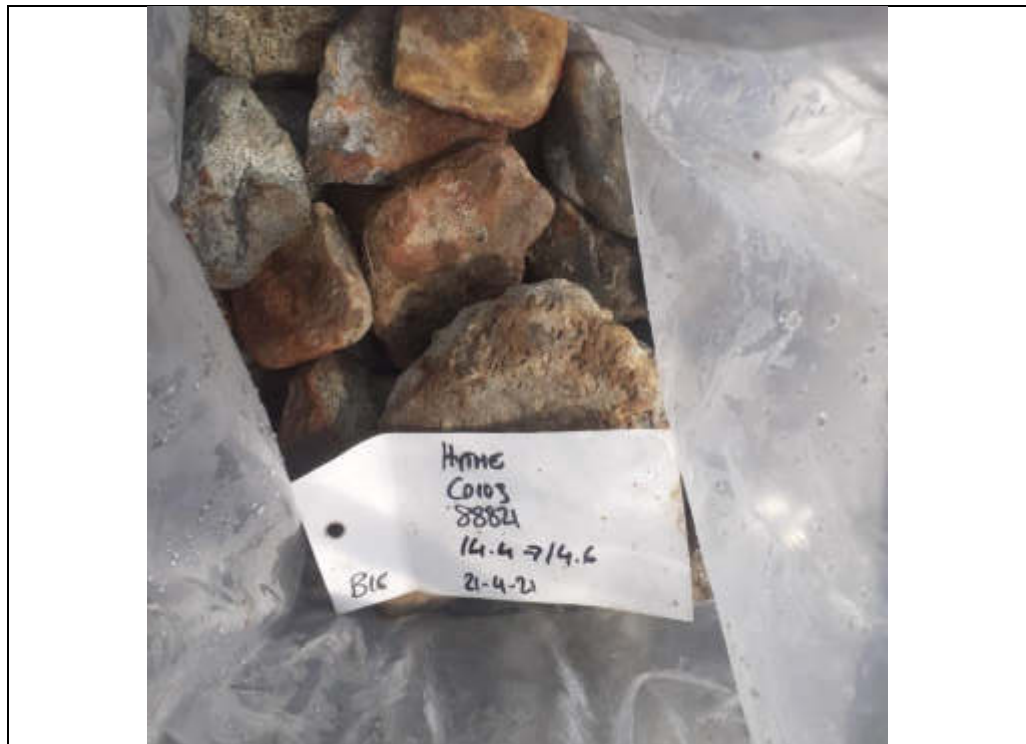


Plate 383: CP103 sample, 14.4-14.6 m.



Plate 384: CP103 sample, 14.6 m.

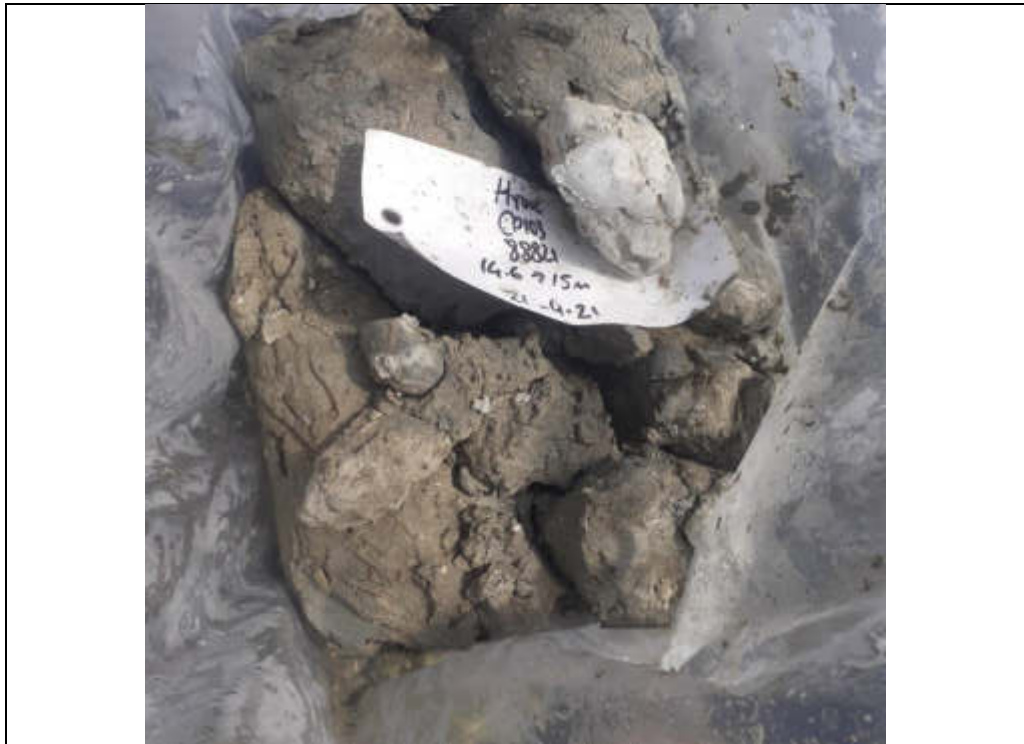


Plate 385: CP103 sample, 14.6-15.0 m.



Plate 386: CP103 sample, 15.5 m.



Plate 387: CP103 sample, 16.5-16.95 m.



Plate 388: CP103 sample, 18.5 m.



Plate 389: CP103 sample, 19.5-19.95 m.

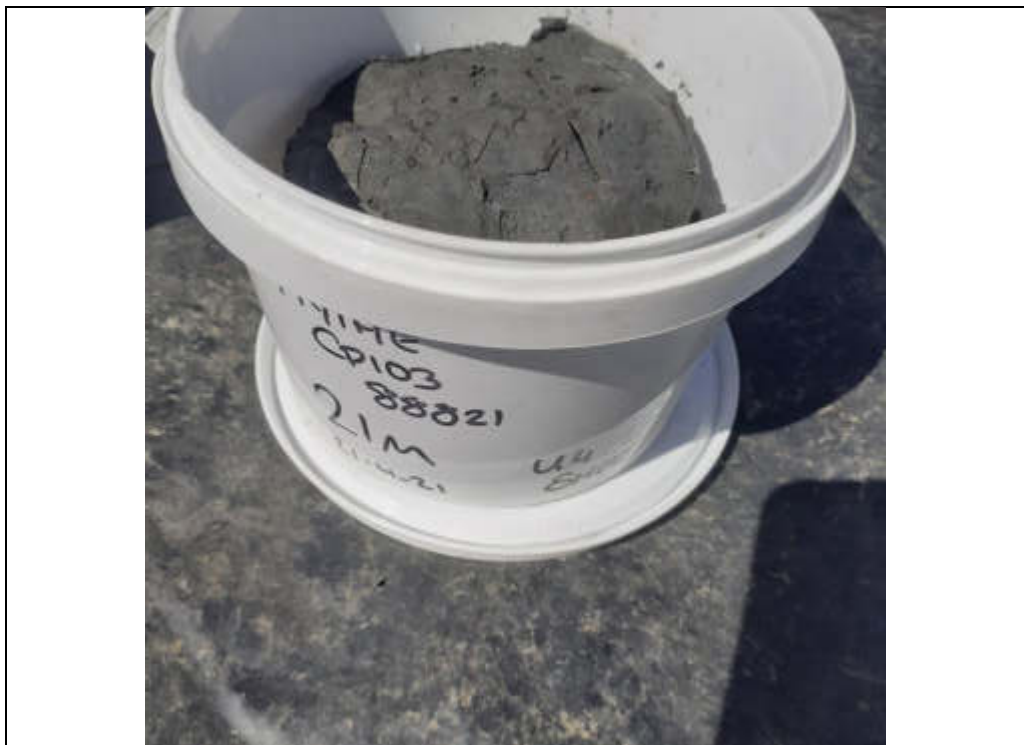


Plate 390: CP103 sample, 21 m.



Plate 391: CP103 sample, 22.5-22.95 m.



Plate 392: CP103 sample, 24.5 m.



Plate 393: CP103 sample, 25.5-25.95 m.



Plate 394: CP103 sample, 27.0-27.45 m.



Plate 395: CP103 sample, 28.5-28.95 m.



Plate 396: CP103 sample, 29.1-29.3 m.



Plate 397: CP103 sample, 30.0-30.45 m.

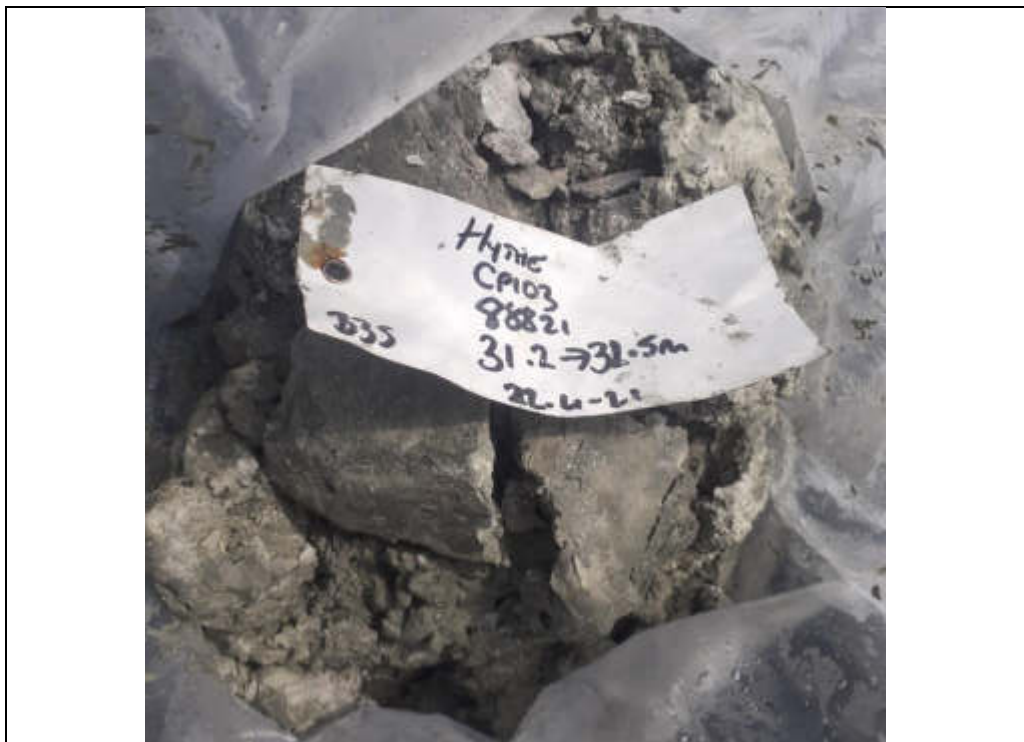


Plate 398: CP103 sample, 31.2-31.5 m.



Plate 399: CP103 sample, 31.5-31.95 m.



Plate 400: CP103 sample, 33.0-33.45 m.



Plate 401: CP103 sample, 34.5-34.95 m.



Plate 402: CP104c position.



Plate 403: CP104c sample, 0.2 m.



Plate 404: CP104c sample, 0.5-1.0 m.



Plate 405: CP104c sample, 0.7 m.



Plate 406: CP104c sample, 1.2 m.



Plate 407: CP104c sample, 1.5-1.95 m.



Plate 408: CP104c sample, 2.5-2.95 m.



Plate 409: CP104c sample, 3.5-3.95 m.



Plate 410: CP104c sample, 4.5-4.95 m.



Plate 411: CP104c sample, 5.5-6.0 m.



Plate 412: CP104c sample, 6.0-6.5 m.



Plate 413: CP104c sample, 7.5-8.0 m.



Plate 414: CP104c sample, 9.0-9.5 m.



Plate 415: CP104c sample, 10.0-10.5 m.



Plate 416: CP104c sample, 10.5-11.0 m.



Plate 417: CP104c sample, 11.5 m.

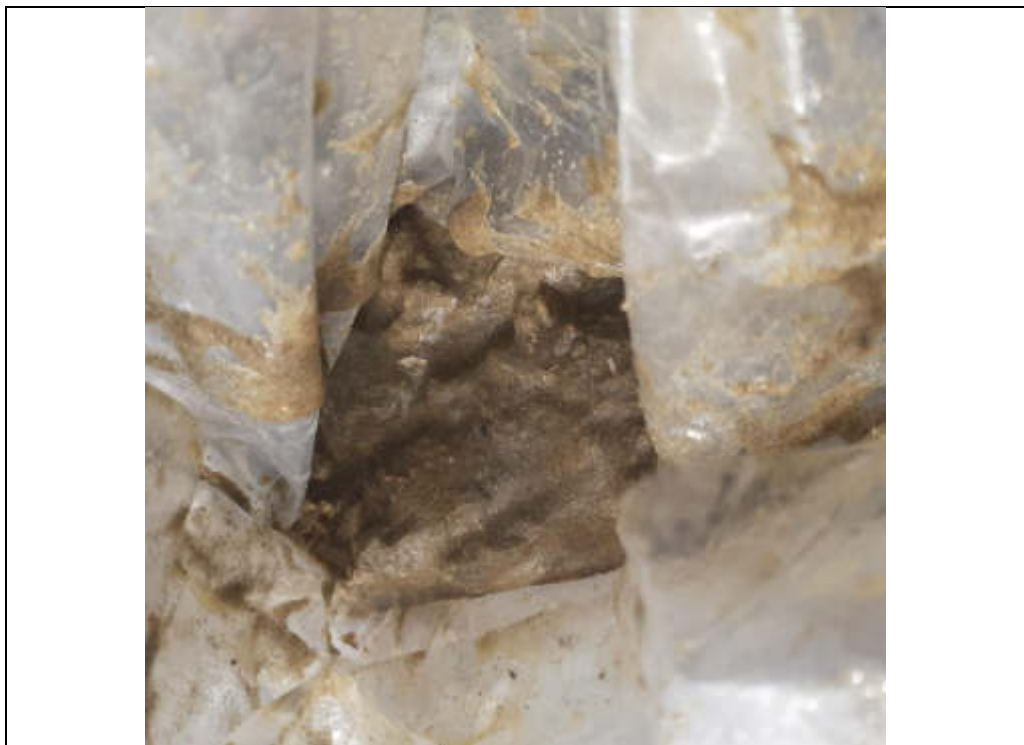


Plate 418: CP104c sample, 12.0-12.45 m.



Plate 419: CP104c sample, 13.5-14.0 m.



Plate 420: CP104c sample, 14.0-14.5 m.



Plate 421: CP104c sample, 15.5 m.



Plate 422: CP104c sample, 16.0 m.



Plate 423: CP104c sample, 16.5-16.95 m.



Plate 424: CP104c sample, 17.5 m.



Plate 425: CP104c sample, 18.5 m.



Plate 426: CP104c sample, 19.0 m.



Plate 427: CP104c sample, 19.5-19.95 m.



Plate 428: CP104c sample, 20.5 m.



Plate 429: CP104c sample, 21.5 m.



Plate 430: CP104c sample, 22.0 m.



Plate 431: CP104c sample, 22.5-22.95 m.



Plate 432: CP104c sample, 23.5 m.



Plate 433: CP104c sample, 24.5 m.



Plate 434: CP104c sample, 25.0 m.



Plate 435: CP104c sample, 25.5-25.95 m.



Plate 436: CP104c sample, 26.5 m.



Plate 437: CP104c sample, 27.0-27.45 m.



Plate 438: CP104c sample, 28.0 m.



Plate 439: CP104c sample, 28.5-28.95 m.



Plate 440: CP104c sample, 29.5 m.



Plate 441: CP104c sample, 30.0-30.45 m.



Plate 442: CP104c sample, 31.0 m.



Plate 443: CP104c sample, 32.5 m.



Plate 444: CP104c sample, 33.0-33.45 m.



Plate 445: CP104c sample, 34.0 m.



Plate 446: CP104c sample, 34.5-34.95 m.



Plate 447: CP105 position.



Plate 448: CP105 sample, 0.3-0.5 m.



Plate 449: CP105 sample, 0.6-1.0 m.



Plate 450: CP105 sample, 1.5-1.9 m.

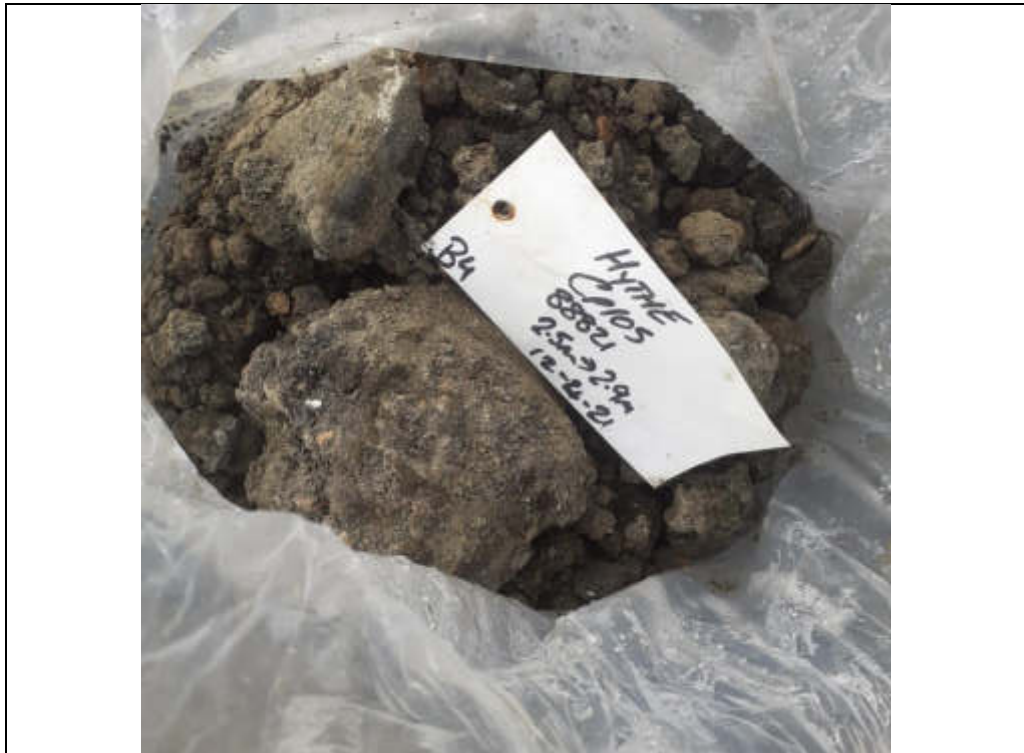


Plate 451: CP105 sample, 2.5-2.9 m.



Plate 452: CP105 sample, 3.5-3.9 m.



Plate 453: CP105 sample, 3.8-4.0 m.



Plate 454: CP105 sample, 4.5-5.8 m.



Plate 455: CP105 sample, 4.8 m.



Plate 456: CP105 sample, 5.0-5.4 m.

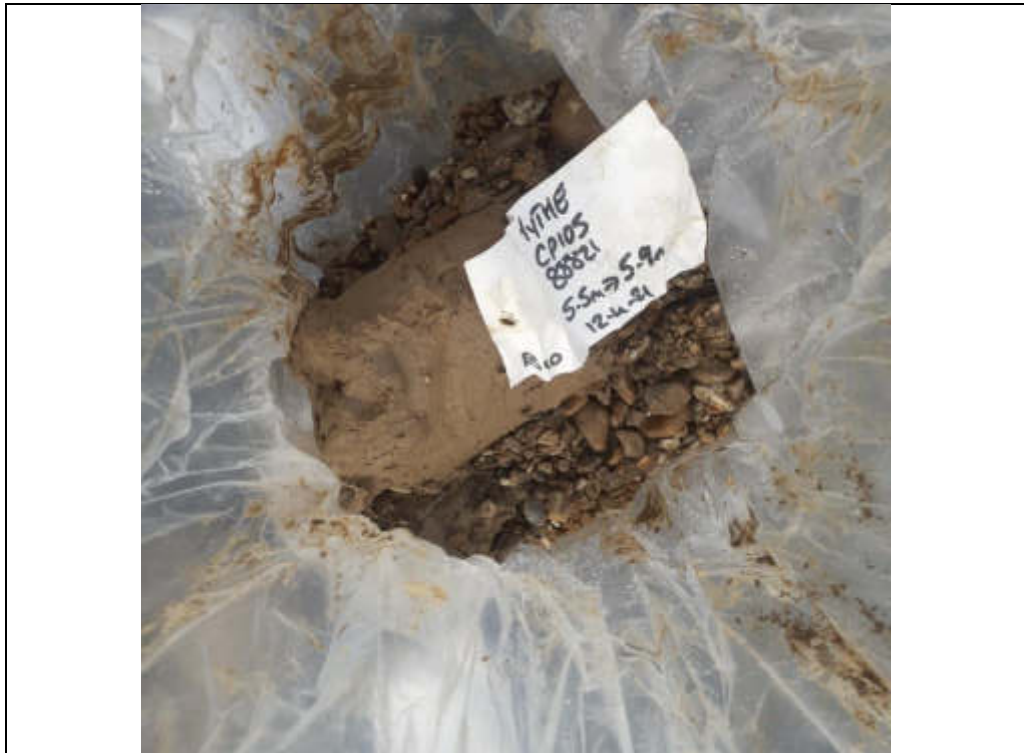


Plate 457: CP105 sample, 5.5-5.9 m.

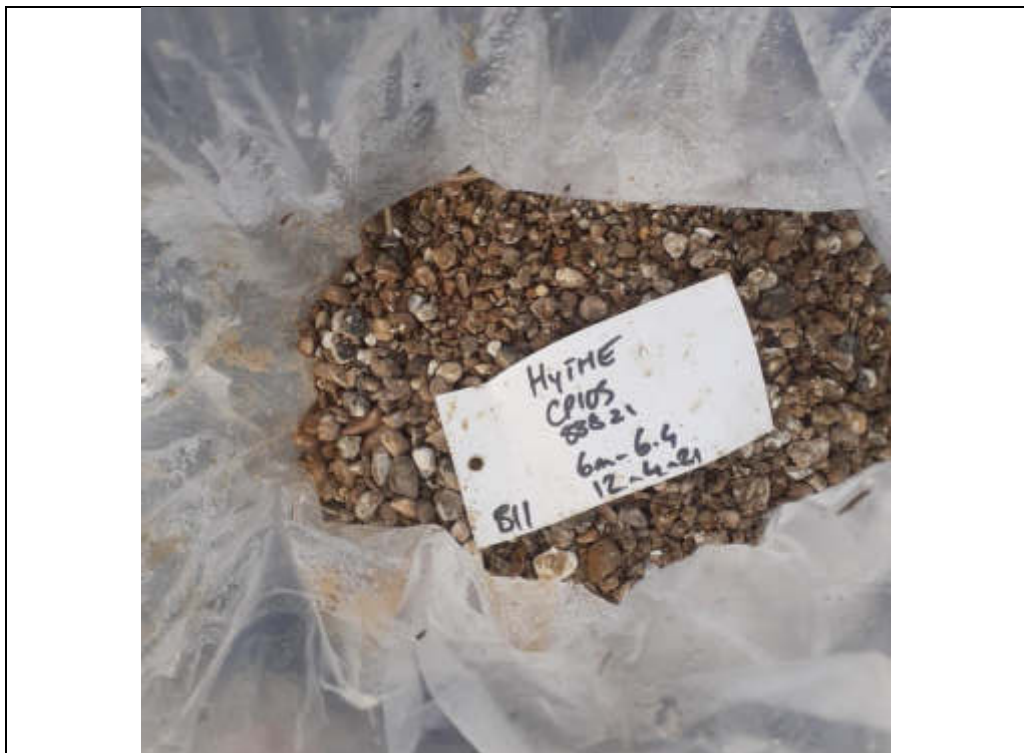


Plate 458: CP105 sample, 6.0-6.4 m.

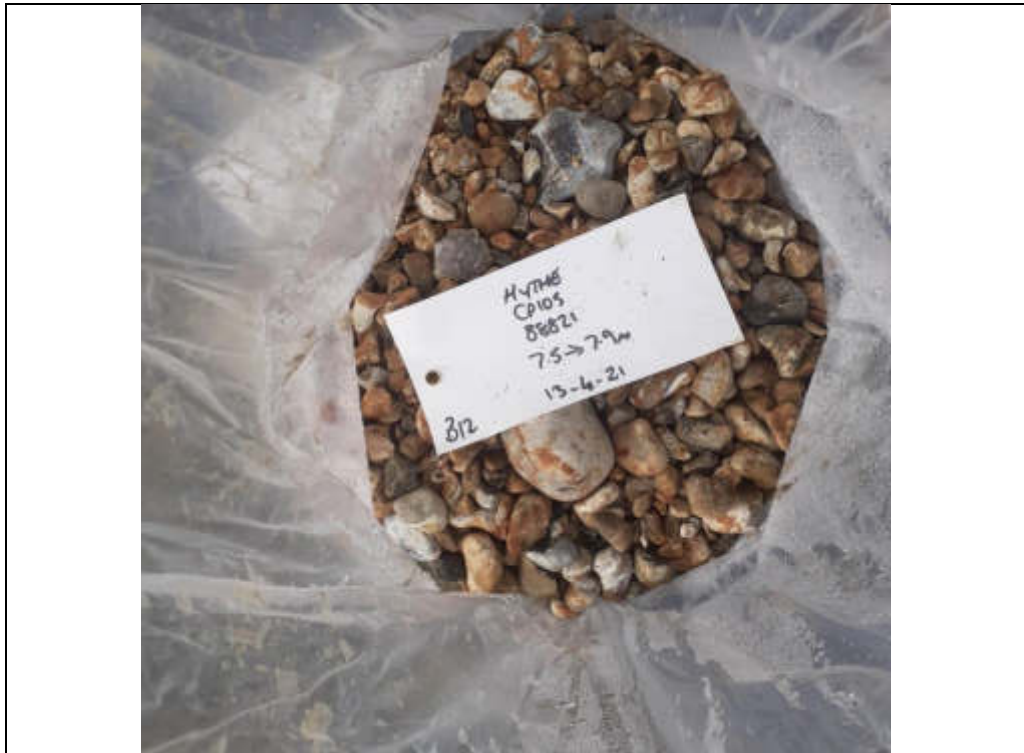


Plate 459: CP105 sample, 7.5-7.9 m.



Plate 460: CP105 sample, 9.0-9.4 m.



Plate 461: CP105 sample, 10.5-10.9 m.



Plate 462: CP105 sample, 11.4-11.8 m.



Plate 463: CP105 sample, 12.0-12.5 m.



Plate 464: CP105 sample, 12.0-12.45 m.

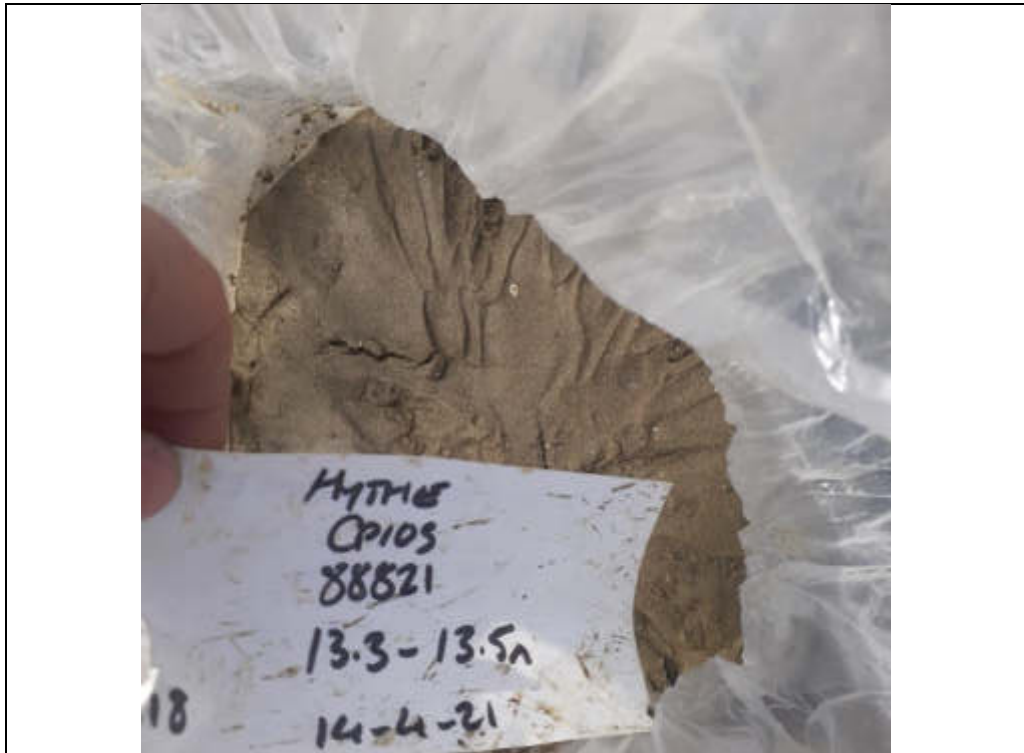


Plate 465: CP105 sample, 13.3-13.5 m.



Plate 466: CP105 sample, 13.5-13.95 m.

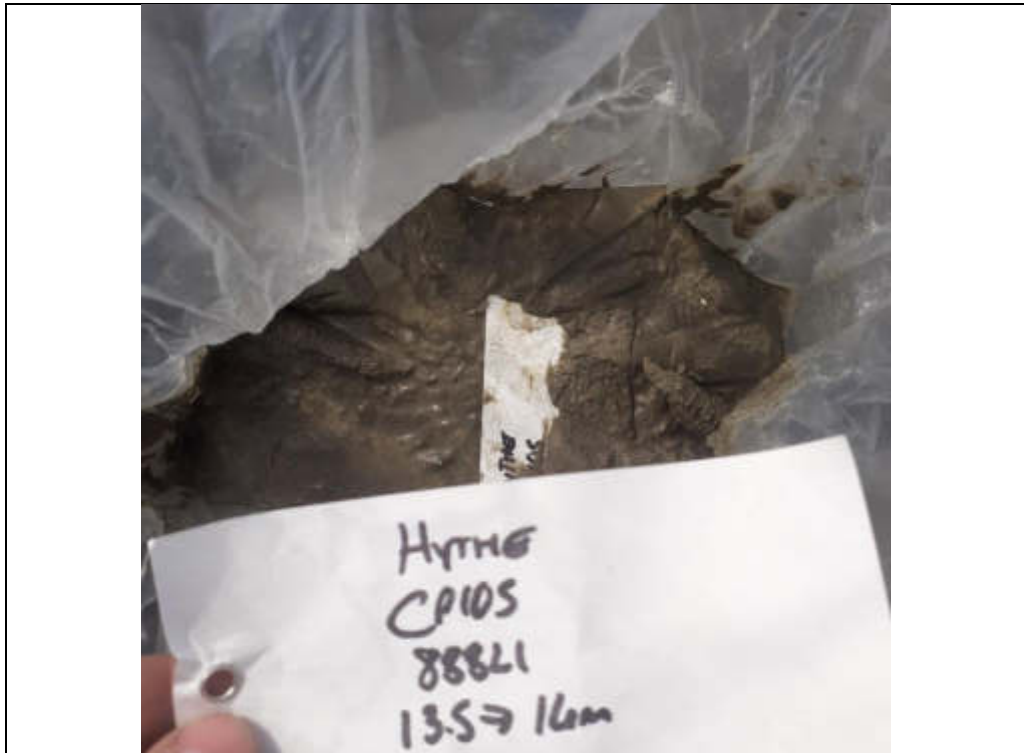


Plate 467: CP105 sample, 13.5-14.0 m.

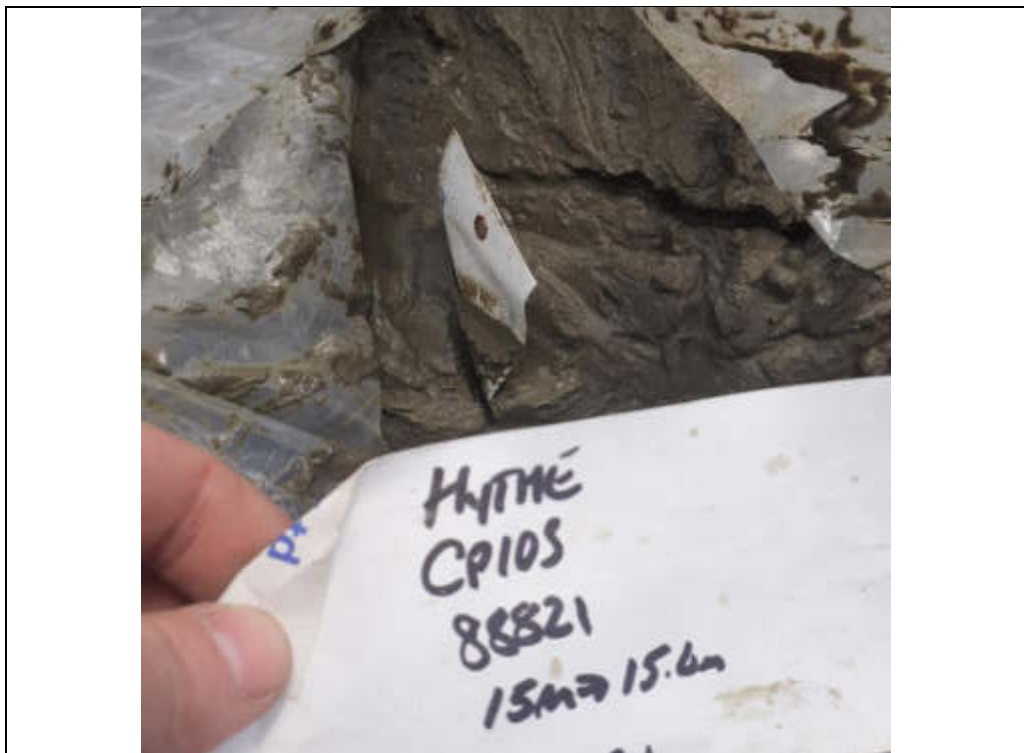


Plate 468: CP105 sample, 15.0-15.4 m.



Plate 469: CP105 sample, 15.0-15.45 m.

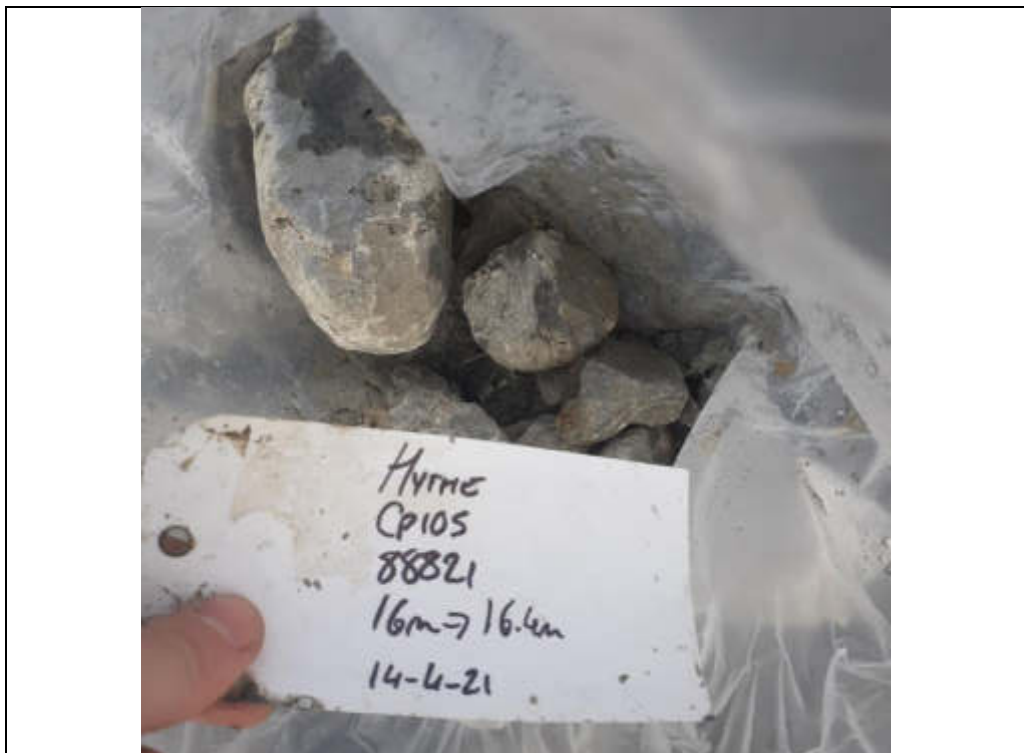


Plate 470: CP105 sample, 16.0-16.4 m.



Plate 471: CP105 sample, 16.4 m.



Plate 472: CP105 sample, 16.5-16.95 m.

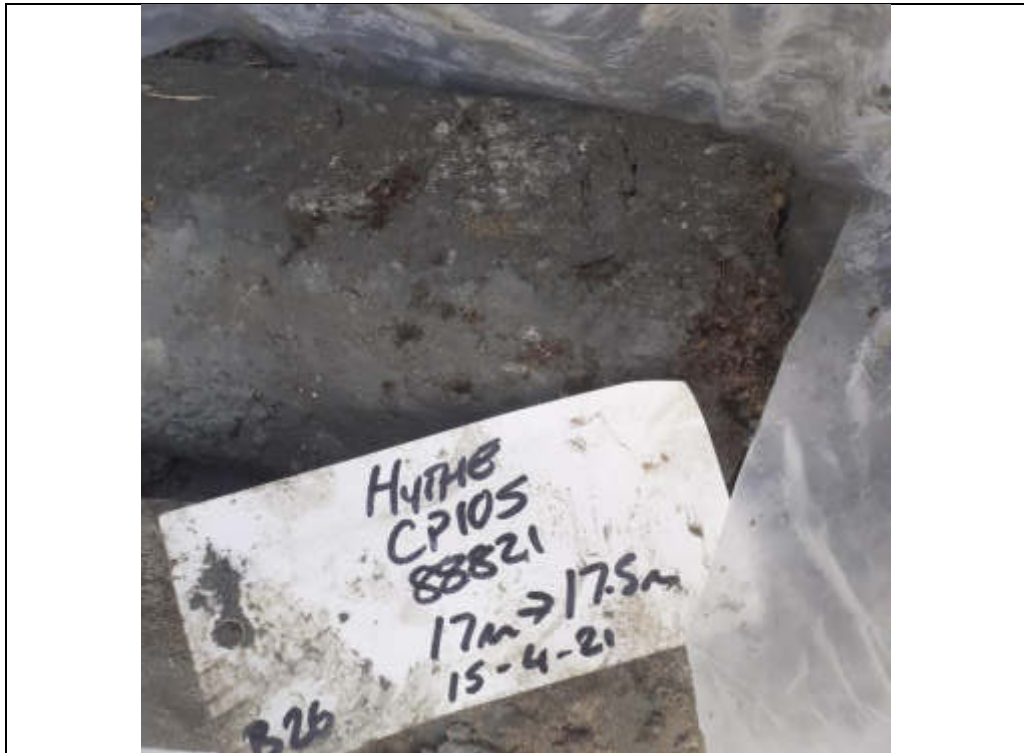


Plate 473: CP105 sample, 17.0-17.5 m.



Plate 474: CP105 sample, 18.5 m.



Plate 475: CP105 sample, 19.0-19.5 m.



Plate 476: CP105 sample, 19.5-19.95 m.

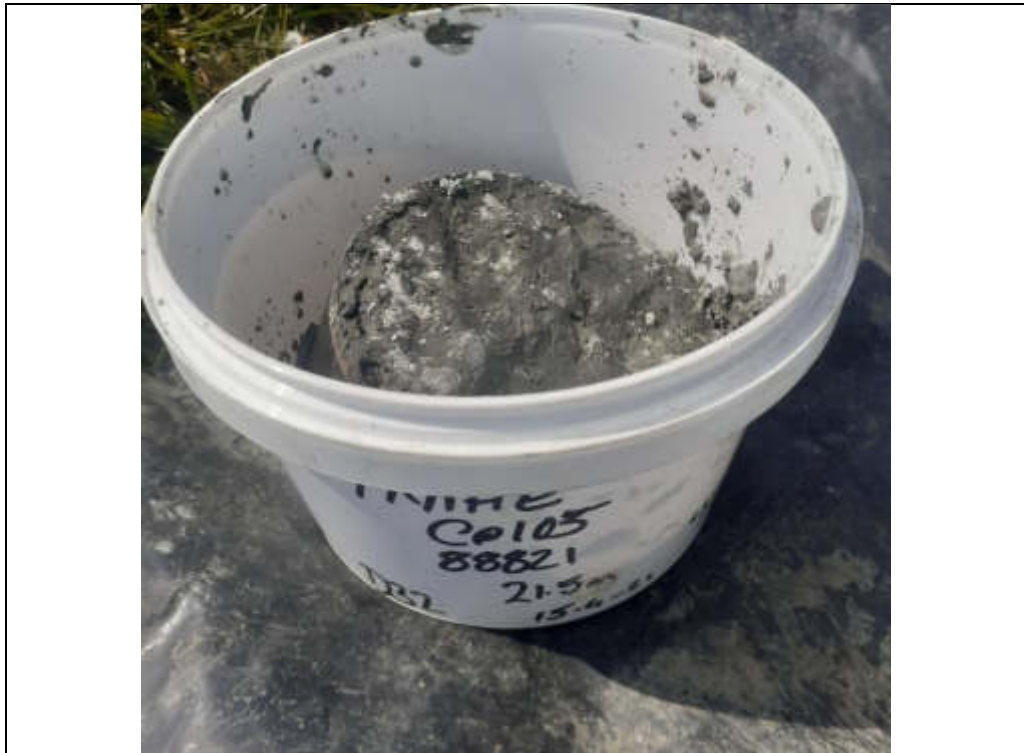


Plate 477: CP105 sample, 21.5 m.



Plate 478: CP105 sample, 22.0-22.5 m.



Plate 479: CP105 sample, 22.5-22.95 m.



Plate 480: CP105 sample, 24.5 m.

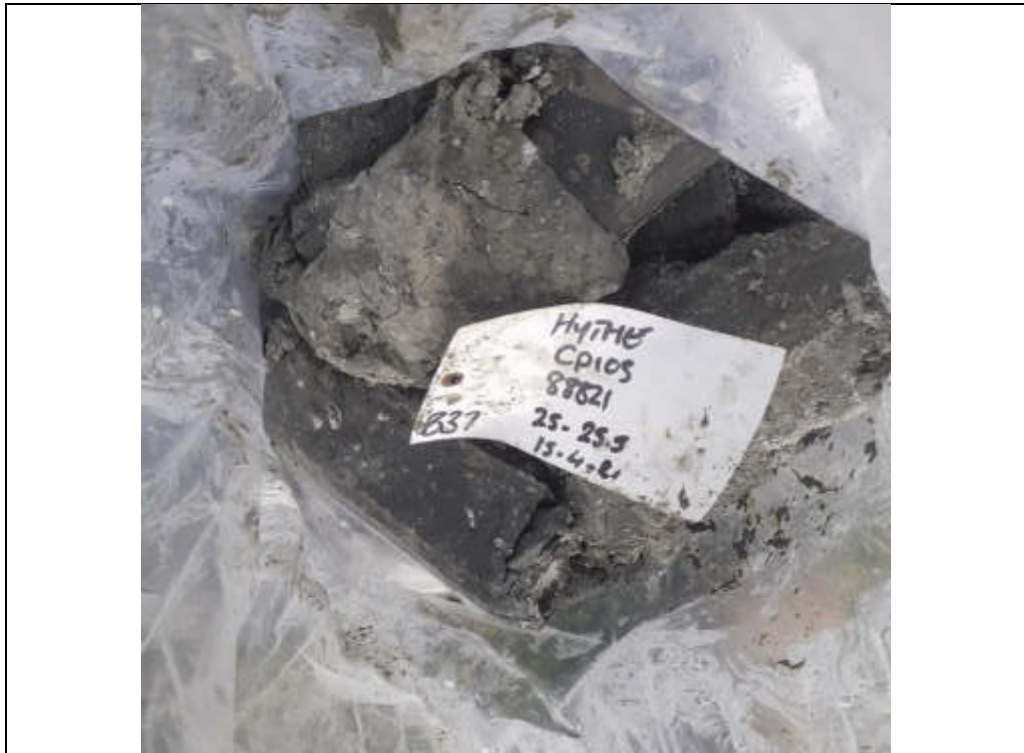


Plate 481: CP105 sample, 25.0-25.5 m.



Plate 482: CP105 sample, 25.5-25.95 m.



Plate 483: CP105 sample, 27.5 m.

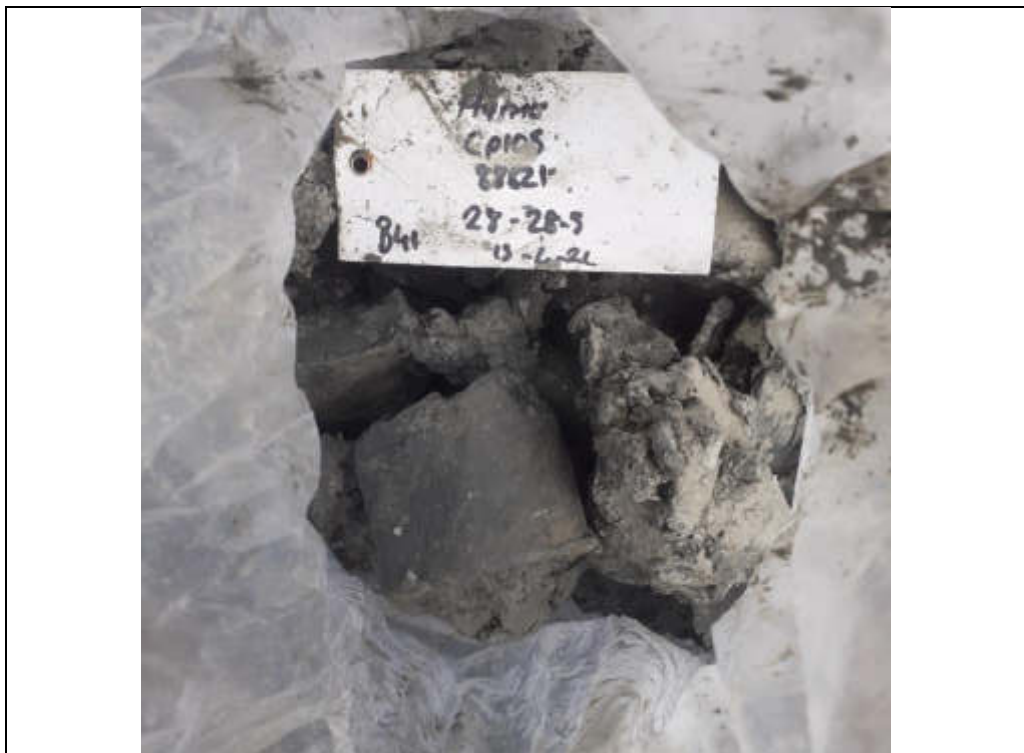


Plate 484: CP105 sample, 28.0-28.5 m.



Plate 485: CP105 sample, 28.5-28.95 m.



Plate 486: CP105 sample, 30.0-30.45 m.



Plate 487: CP105 sample, 31.0-31.5 m.



Plate 488: CP105 sample, 31.5-31.95 m.



Plate 489: CP105 sample, 33.0-33.45 m.



Plate 490: CP105 sample, 34.0-34.5 m.



Plate 491: CP105 sample, 34.5-34.95 m.



Plate 492: CP106 position.



Plate 493: CP106 sample, 0.5-0.7 m.

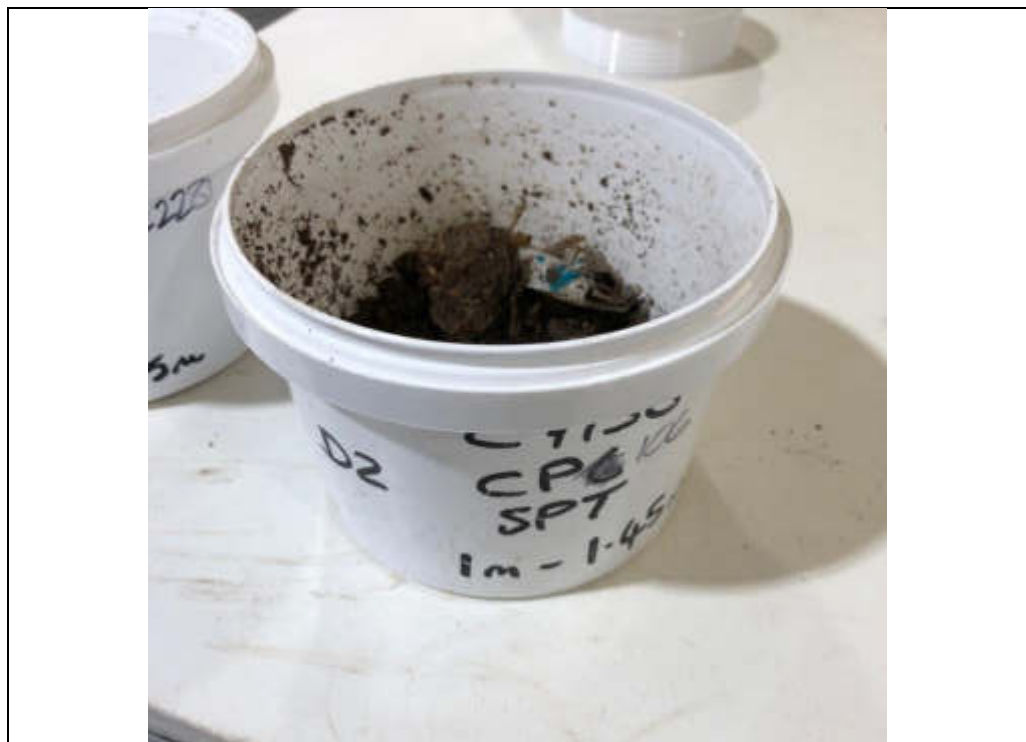


Plate 494: CP106 sample, 1.0-1.4 m.



Plate 495: CP106 sample, 1.5-1.7 m.

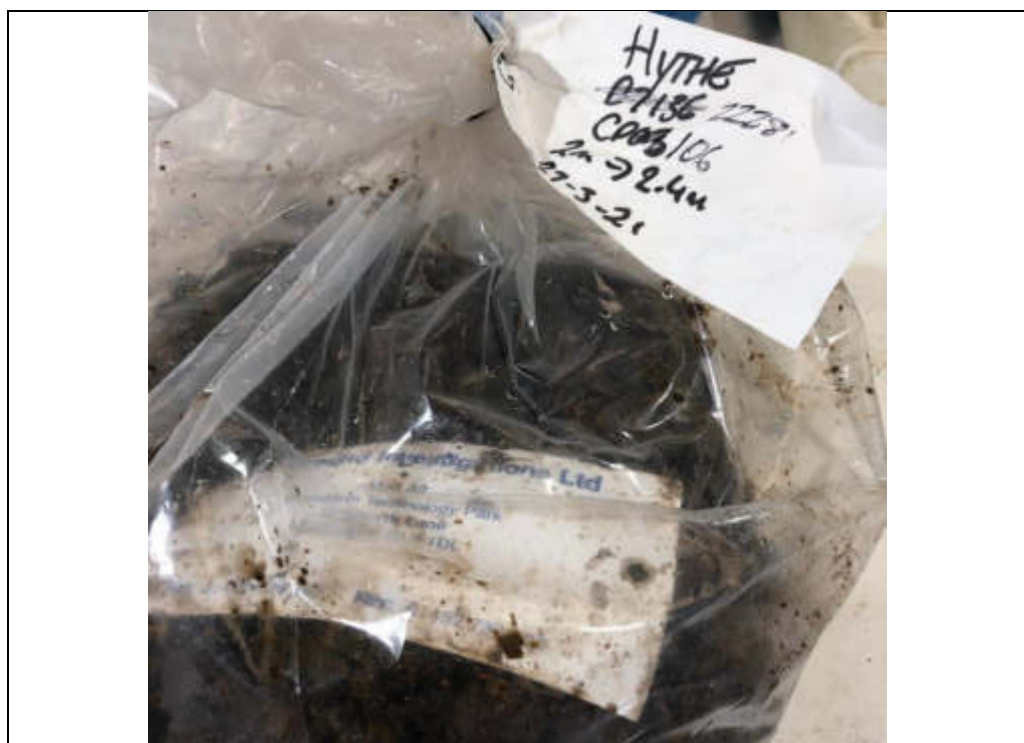


Plate 496: CP106 sample, 2.0-2.4 m.



Plate 497: CP106 sample, 2.0-2.45 m.



Plate 498: CP106 sample, 2.6-2.9 m.



Plate 499: CP106 sample, 3.0-3.45 m.

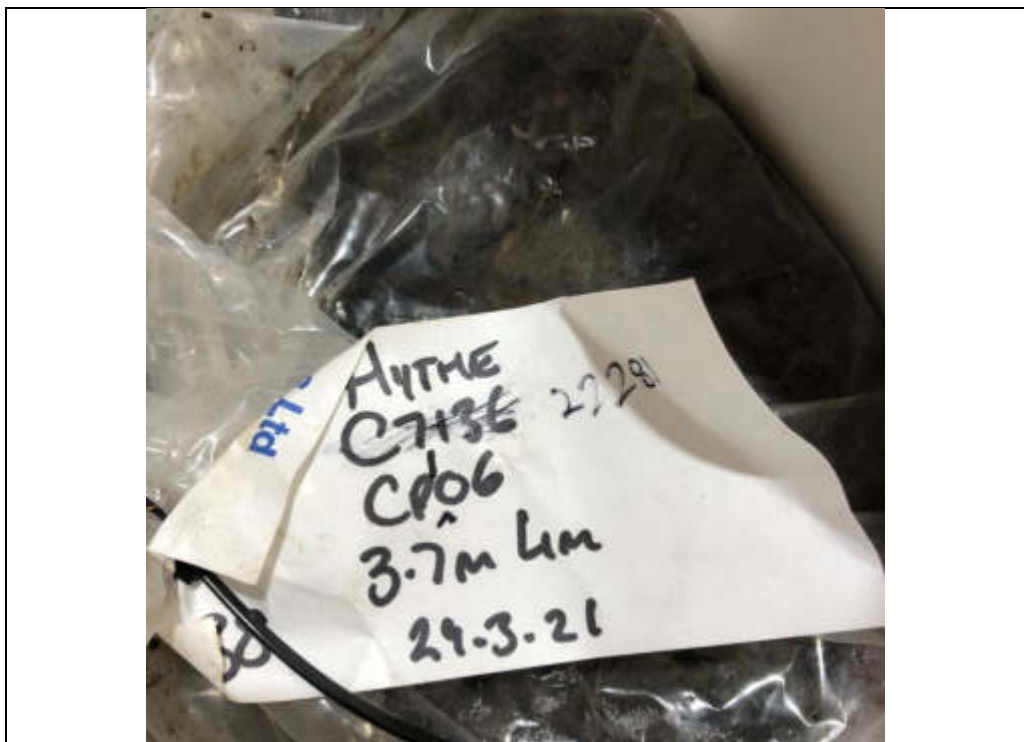


Plate 500: CP106 sample, 3.7-4.0 m.

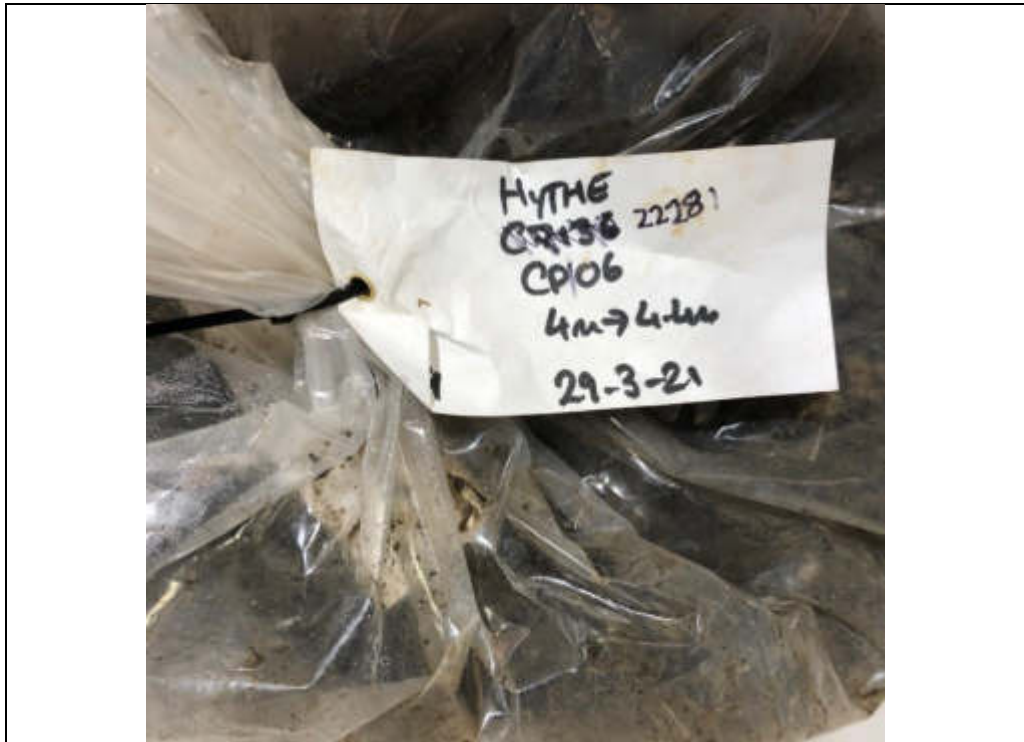


Plate 501: CP106 sample, 4.0-4.4 m.

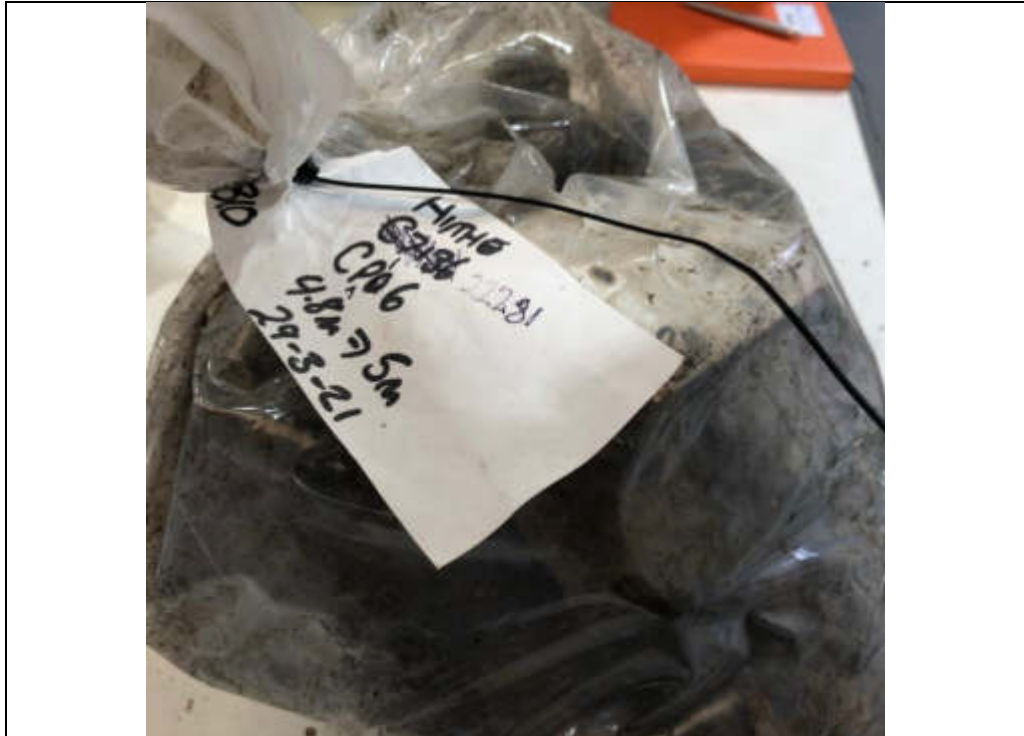


Plate 502: CP106 sample, 4.8-5.0 m.



Plate 503: CP106 sample, 5.6 m.

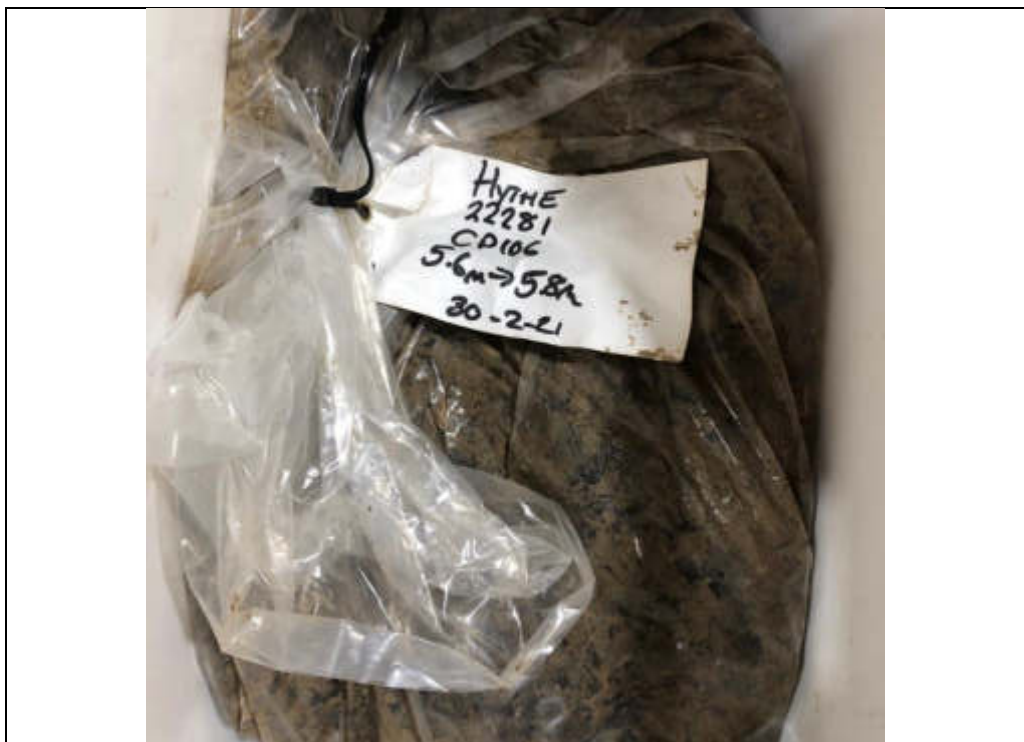


Plate 504: CP106 sample, 5.6-5.8 m.



Plate 505: CP106 sample, 5.8-6.0 m.



Plate 506: CP106 sample, 6.0-6.4 m.

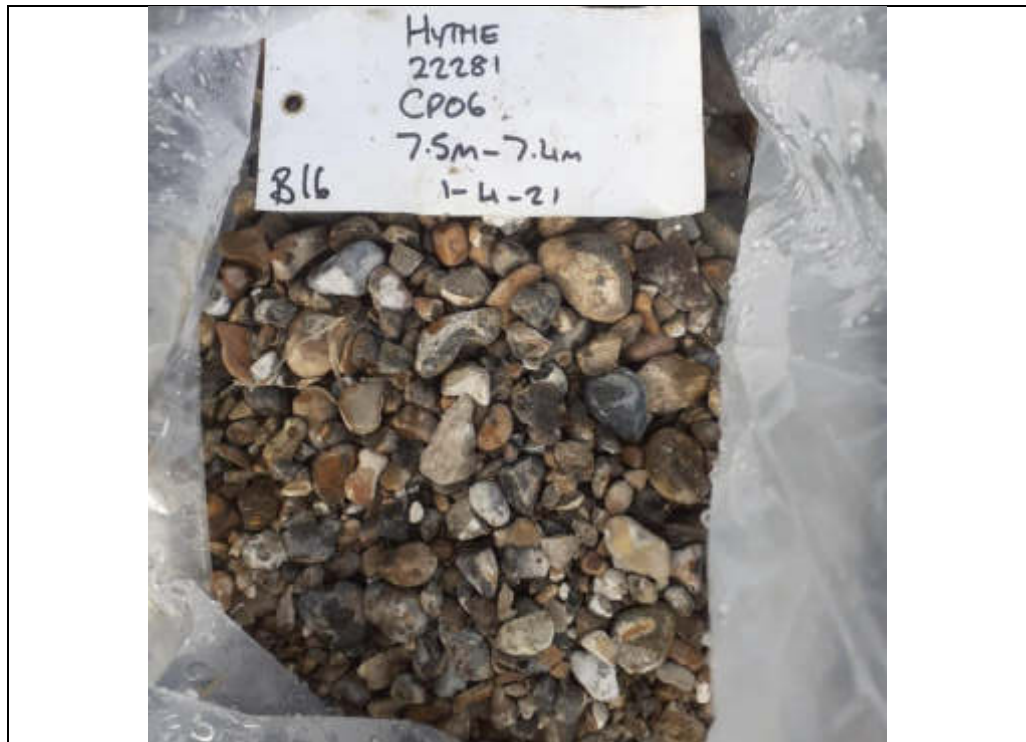


Plate 507: CP106 sample, 7.4-7.5 m.



Plate 508: CP106 sample, 9.0-9.4 m.

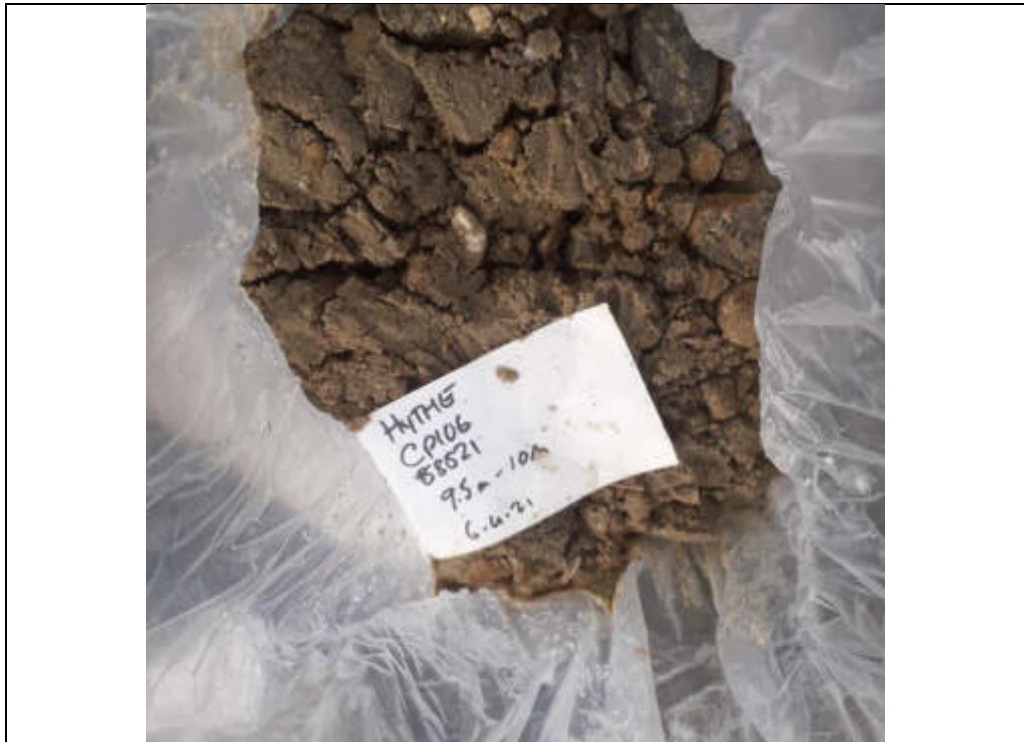


Plate 509: CP106 sample, 9.5-10.0 m.

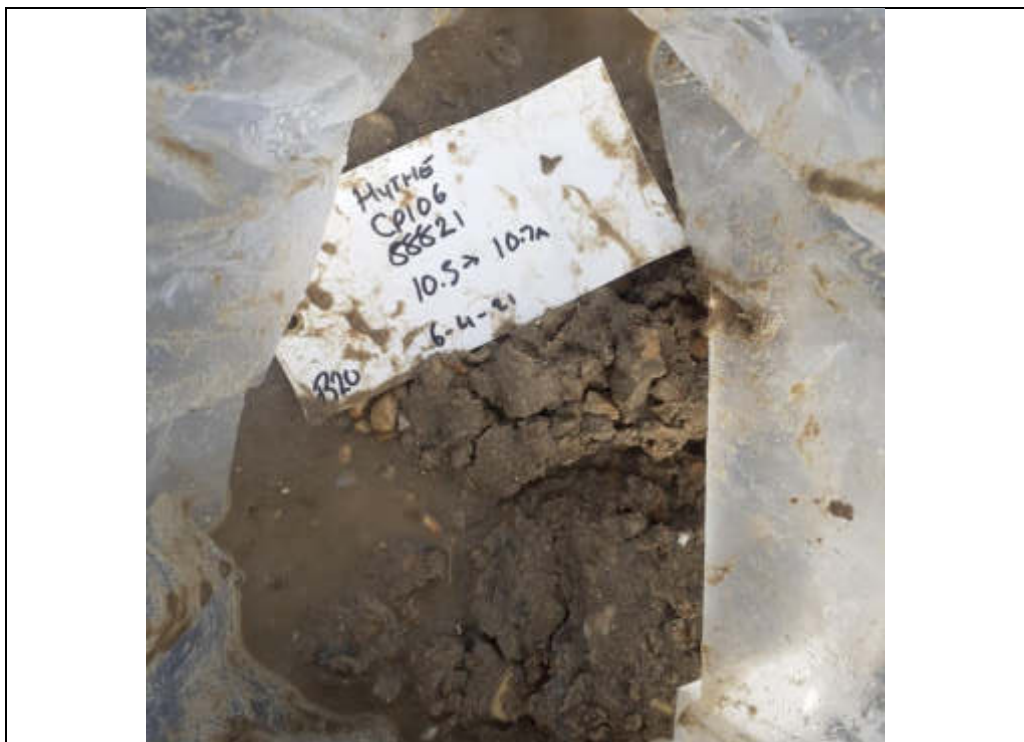


Plate 510: CP106 sample, 10.5-10.7 m.

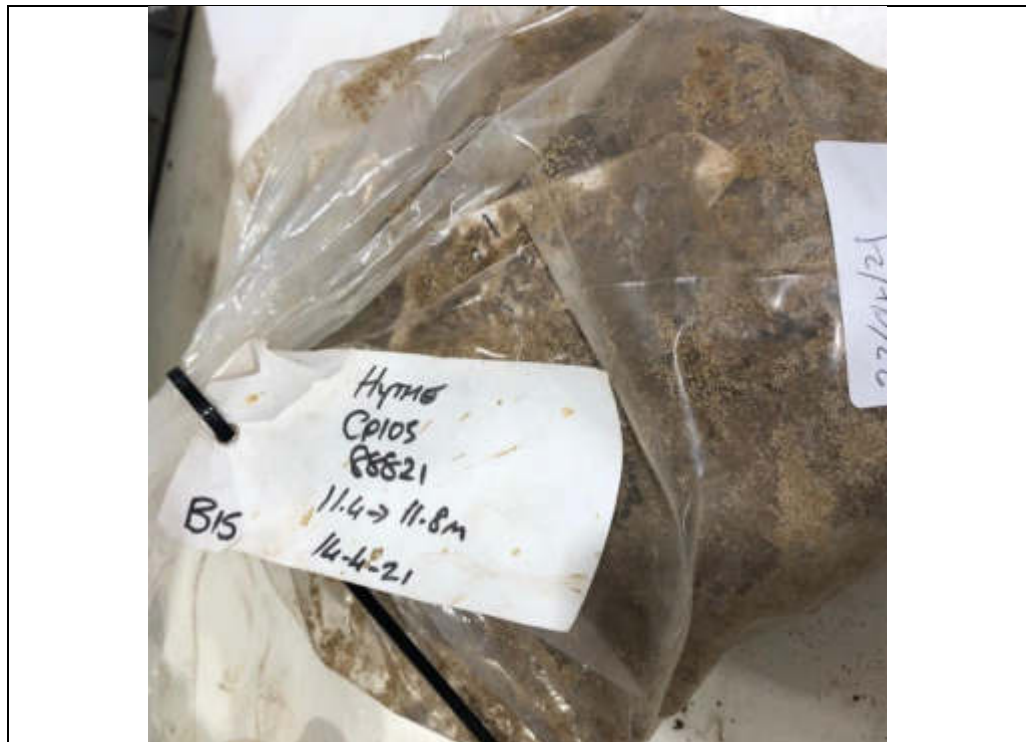


Plate 511: CP106 sample, 11.4-11.8 m.



Plate 512: CP106 sample, 12.0-12.45 m.

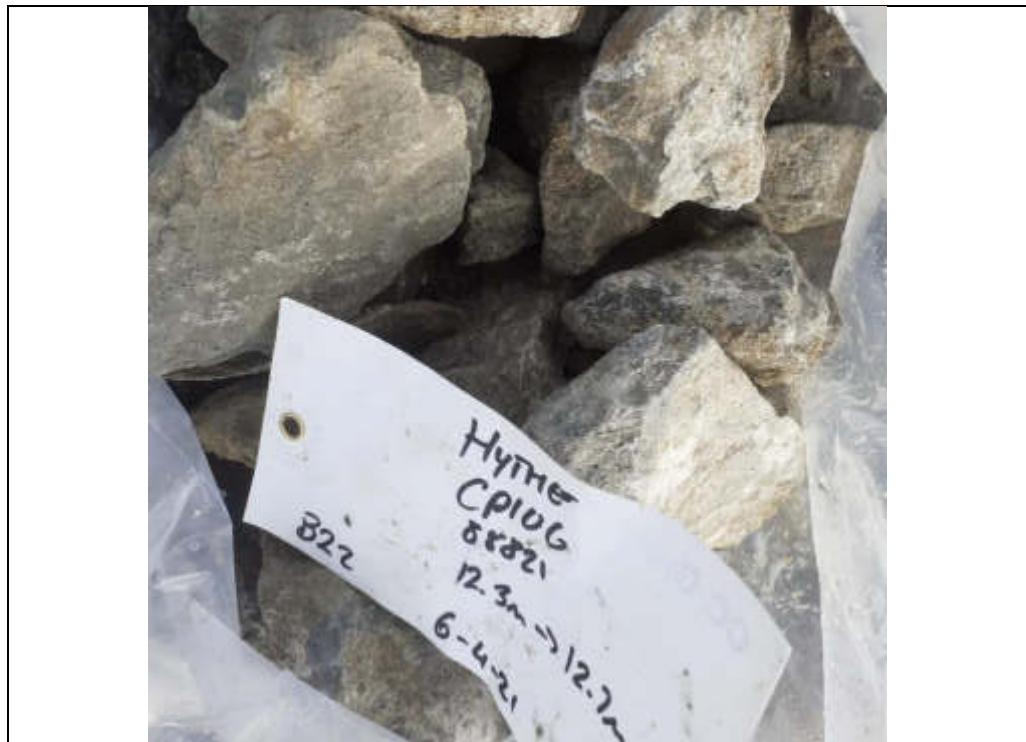


Plate 513: CP106 sample, 12.3-12.7 m.

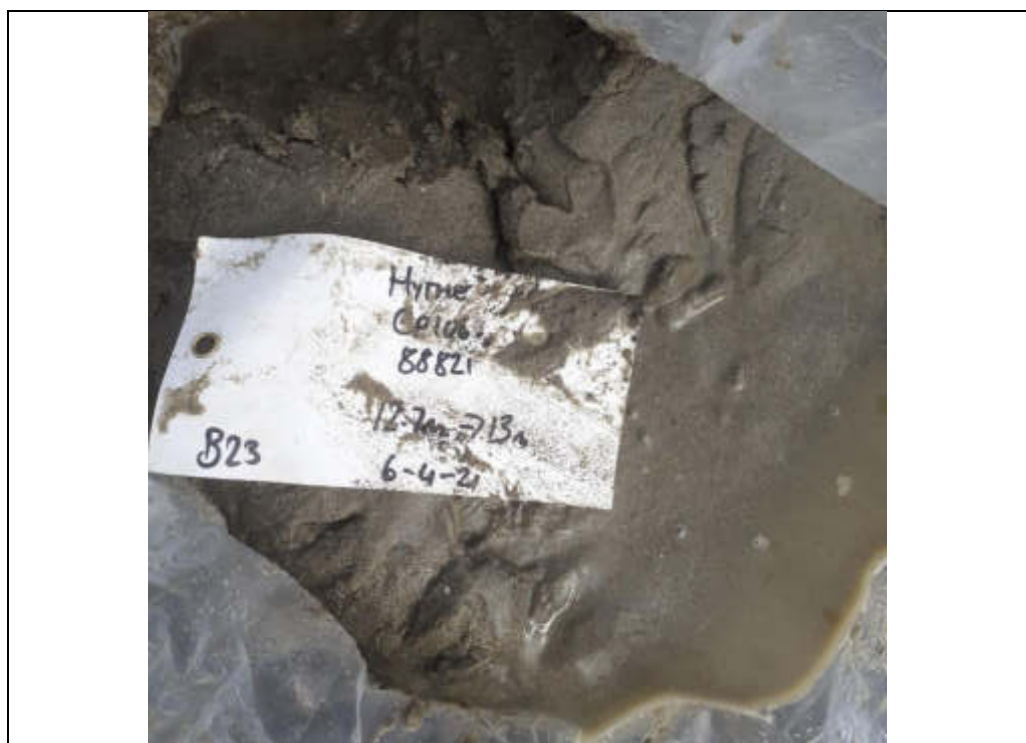


Plate 514: CP106 sample, 12.7-13.0 m.



Plate 515: CP106 sample, 13.5-14.0 m.



Plate 516: CP106 sample, 15.0-15.45 m.



Plate 517: WS101 location.



Plate 518: WS101 arising.



Plate 519: WS102 location.



Plate 520: WS102 arisings.



Plate 521: WS103 location.



Plate 522: WS103 arising.



Plate 523: WS104 position.



Plate 524: WS104 arising.



Plate 525: WS105 location.



Plate 526: WS105 arisings.



Plate 527: WS106 location.



Plate 528: WS106 arising.



Plate 529: WS107 location.



Plate 530: WS107 arisings.

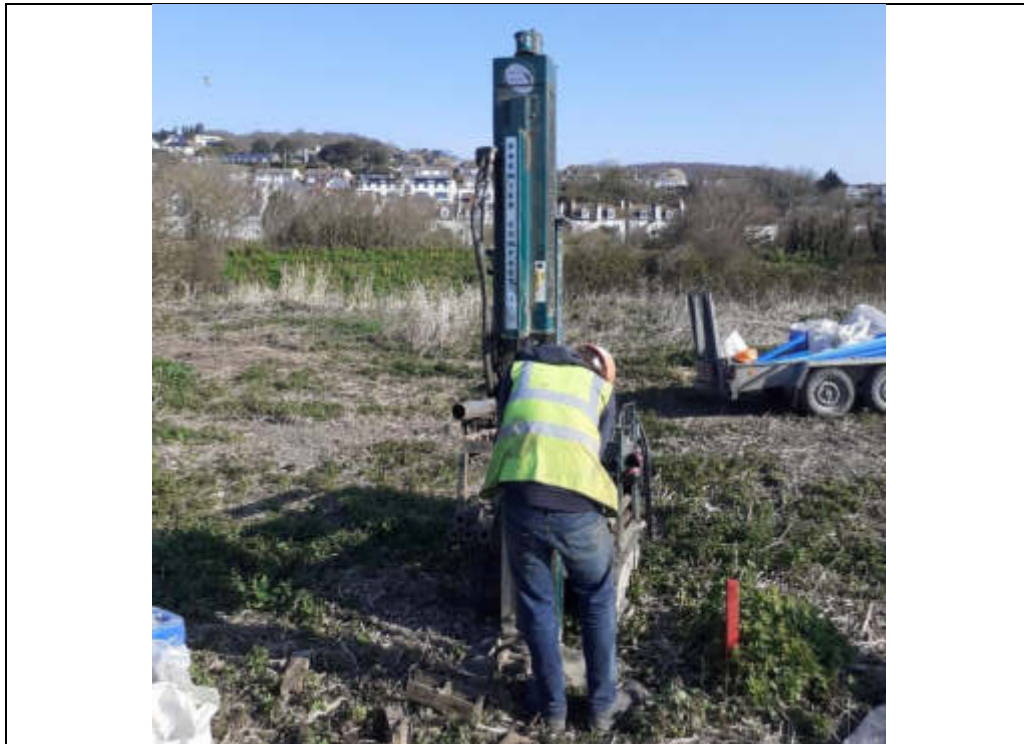


Plate 531: WS108 location.



Plate 532: WS108 arising.



Plate 533: WS109 location.



Plate 534: WS109 arising.



Plate 535: WS110 location.



Plate 536: WS110 arisings.



Plate 537: WS111 location.



Plate 538: WS111 arisings.



Plate 539: WS112 location.

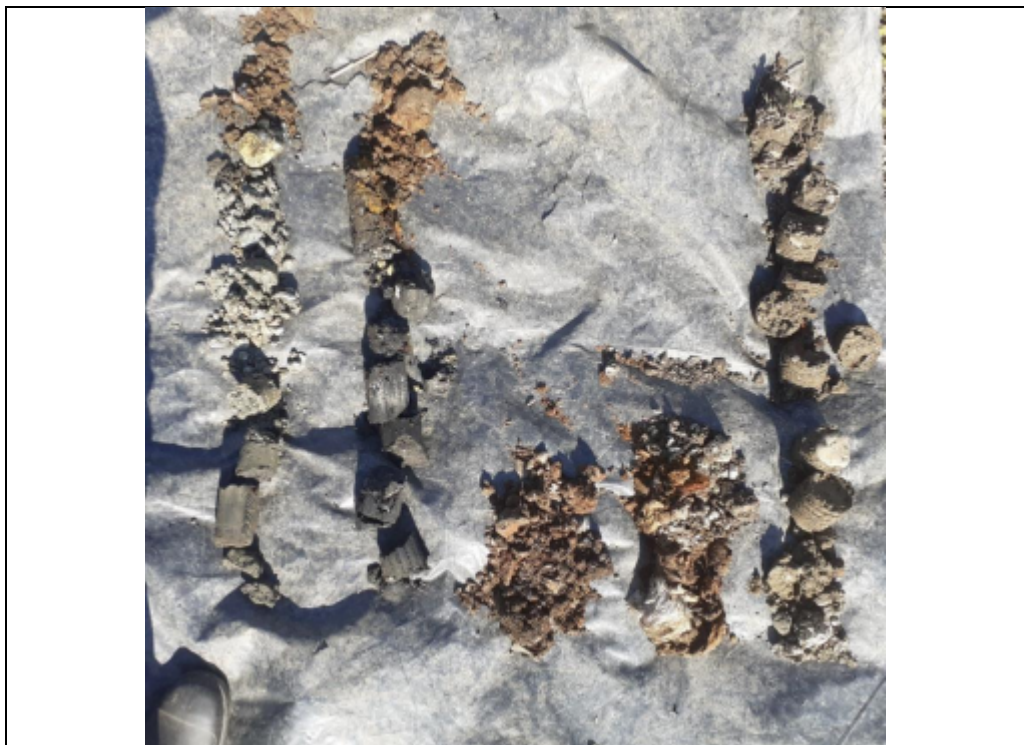


Plate 540: WS112 arising.



Plate 541: WS113 location.



Plate 542: WS113 arisings.



Plate 543: WS114 location.



Plate 544: WS114 arising.



Plate 545: WS115 location.



Plate 546: WS115 arising.



Plate 547: WS116 location.



Plate 548: WS116 arisings.



Plate 549: WS117 location.



Plate 550: WS117 arising.



Plate 551: WS117A location.



Plate 552: WS117A arisings.



Plate 553: WS118 location.



Plate 554: WS118 arisings.



Plate 555: WS119 location.



Plate 556: WS119 arisings.



Plate 557: WS120 location.



Plate 558: WS120 arisings.



Plate 559: WS121 location.



Plate 560: WS121 arisings.



Plate 561: WS122 location.



Plate 562: WS122 arising.



Plate 563: WS123 location.



Plate 564: WS123 arising.

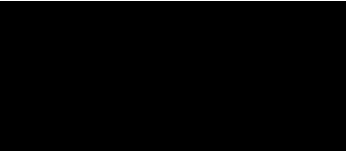
- APPENDIX 4**
- Soil Chemistry
 - Summary Spreadsheet
 - Laboratory Analysis Certificates



Final Report

Report No.: 21-11540-1
Initial Date of Issue: 19-Apr-2021
Client: Idom Merebrook Ltd
Client Address: 1 Leonard Place, Westerham Road
Keston
Kent
BR2 6HQ
Contact(s): Charlie Oliveira
Project: 22281 Princes Parade
Quotation No.: Q21-22622 **Date Received:** 01-Apr-2021
Order No.: 21-3-FDO-LABS **Date Instructed:** 12-Apr-2021
No. of Samples: 21
Turnaround (Wkdays): 5 **Results Due:** 16-Apr-2021
Date Approved: 19-Apr-2021

Approved By:



Details: Glynn Harvey, Technical Manager

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd	Chemtest Job No.:		21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540
Quotation No.: Q21-22622	Chemtest Sample ID.:		1177145	1177146	1177147	1177148	1177150	1177151	1177152	1177153	1177154	1177154	1177154
	Sample Location:		TP123	TP123	TP124	TP124	TP125a	TP125a	TP126	TP126	TP126	TP126	TP126
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		1.90	2.70	1.00	3.80	1.50	3.20	0.40	1.30	4.40	4.40	4.40
	Date Sampled:		30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021
	Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A	-	-	Fibres/Clumps	-	-	-	-	-	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	Chrysotile	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-	-	Stereo Microscopy	-	-	-	-	-	-
Asbestos by Gravimetry	U	2192	%	0.001			<0.001						
Total Asbestos	U	2192	%	0.001			<0.001						
Moisture	N	2030	%	0.020	15	16	20	10	11	19	20	20	13
pH	M	2010		4.0	8.1	8.3	8.3	8.2	8.7	8.4	8.1	8.0	8.5
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	0.46	1.5	1.4	0.46	1.5	1.6	0.76	0.46	1.2
Magnesium (Water Soluble)	N	2120	g/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.018	< 0.010	< 0.010	< 0.010
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.17	0.26	0.15	0.13	0.013	0.34	0.20	0.043	0.24
Total Sulphur	M	2175	%	0.010	0.10	0.10	0.20	0.20	0.10	0.30	0.20	0.30	0.20
Cyanide (Complex)	M	2300	mg/kg	0.50	< 0.50	< 0.50	0.80	0.90	< 0.50	< 0.50	< 0.50	2.0	1.0
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	< 0.50	< 0.50	0.80	1.3	< 0.50	0.50	< 0.50	2.2	1.2
Thiocyanate	M	2300	mg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	6.5	6.5	6.6	6.7	6.7	5.9	4.6	2.5	2.2
Aluminium (Total)	N	2430	mg/kg	100	14000	12000	17000	6700	7600	6300	13000	13000	8800
Arsenic	M	2450	mg/kg	1.0	11	13	15	16	12	7.9	13	26	11
Beryllium	U	2450	mg/kg	1.0	1.1	1.0	1.6	< 1.0	< 1.0	< 1.0	< 1.0	1.3	< 1.0
Cadmium	M	2450	mg/kg	0.10	0.35	< 0.10	0.16	0.54	0.16	0.10	0.23	1.1	0.11
Chromium	M	2450	mg/kg	1.0	22	24	46	22	14	14	25	53	18
Tin	N	2450	mg/kg	5.0	18	160	150	59	32	17	24	320	87
Copper	M	2450	mg/kg	0.50	33	24	48	31	100	21	1700	120	56
Mercury	M	2450	mg/kg	0.10	0.26	0.17	0.37	0.26	0.45	0.12	0.19	0.80	0.23
Nickel	M	2450	mg/kg	0.50	27	20	33	21	15	14	24	52	20
Lead	M	2450	mg/kg	0.50	110	170	660	320	400	120	89	290	160
Selenium	M	2450	mg/kg	0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.34	< 0.20
Zinc	M	2450	mg/kg	0.50	170	350	250	140	170	120	110	900	250
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20	2.5	2.6	3.3	2.4	2.1	0.60	1.7	3.7	3.1
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	38
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	29
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	37
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	81
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	< 1.0	24	22	< 1.0	8.2	< 1.0	25	33	400

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540
Quotation No.: Q21-22622		Chemtest Sample ID.:		1177145	1177146	1177147	1177148	1177150	1177151	1177152	1177153	1177154	1177154
Sample Location:		TP123	TP123	TP124	TP124	TP125a	TP125a	TP126	TP126	TP126	TP126	TP126	TP126
Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Top Depth (m):		1.90	2.70	1.00	3.80	1.50	3.20	0.40	1.30	4.40			
Date Sampled:		30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021
Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD									
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	65
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	24	22	< 5.0	8.2	< 5.0	25	33	650
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	42
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	560
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	< 1.0	24	< 1.0	< 1.0	6.3	< 1.0	10	7.2	2400
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	< 1.0	210	120	< 1.0	39	< 1.0	73	88	5200
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	500
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	240	120	< 5.0	45	< 5.0	83	95	8600
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	< 10	260	140	< 10	54	< 10	110	130	9300
Naphthalene	M	2700	mg/kg	0.10	0.39	0.30	0.34	0.42	0.56	< 0.10	< 0.10	< 0.10	2.2
Acenaphthylene	M	2700	mg/kg	0.10	0.54	0.72	0.78	0.59	0.68	< 0.10	< 0.10	< 0.10	0.66
Acenaphthene	M	2700	mg/kg	0.10	0.17	0.64	2.6	0.29	0.12	< 0.10	< 0.10	< 0.10	28
Fluorene	M	2700	mg/kg	0.10	0.23	1.3	2.2	0.50	0.44	< 0.10	< 0.10	< 0.10	34
Phenanthrene	M	2700	mg/kg	0.10	2.7	7.2	19	4.6	4.3	0.83	1.7	1.5	200
Anthracene	M	2700	mg/kg	0.10	0.16	2.4	5.5	1.5	1.0	0.26	0.53	0.50	58
Fluoranthene	M	2700	mg/kg	0.10	5.6	15	23	9.1	10	2.0	4.6	4.3	220
Pyrene	M	2700	mg/kg	0.10	5.3	14	22	8.5	9.2	1.9	4.5	4.2	200
Benzo[a]anthracene	M	2700	mg/kg	0.10	2.8	7.2	8.5	4.4	5.3	1.1	2.5	2.1	53
Chrysene	M	2700	mg/kg	0.10	3.1	6.8	7.9	4.6	5.4	1.2	3.0	2.6	49
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	4.1	8.6	11	6.0	7.6	1.5	4.0	3.2	56
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	2.1	3.8	4.7	2.7	3.3	0.72	1.9	1.6	26
Benzo[a]pyrene	M	2700	mg/kg	0.10	3.0	6.9	7.9	4.6	5.9	1.2	3.0	2.4	47
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	2.5	5.2	5.7	3.2	4.1	0.89	2.4	1.9	30
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	1.6	2.0	2.2	2.0	1.7	0.82	1.2	1.1	8.8
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	2.4	4.4	5.6	3.2	3.7	0.89	2.5	1.8	23
Total Of 16 PAH's	M	2700	mg/kg	2.0	37	87	130	56	63	13	32	27	1000
Dichlorodifluoromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	M	2760	µg/kg	1.0	< 1.0	1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	M	2760	µg/kg	20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540
Quotation No.: Q21-22622		Chemtest Sample ID.:		1177145	1177146	1177147	1177148	1177150	1177151	1177152	1177153	1177154	1177154
Sample Location:		TP123	TP123	TP124	TP124	TP125a	TP125a	TP126	TP126	TP126	TP126	TP126	TP126
Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Top Depth (m):		1.90	2.70	1.00	3.80	1.50	3.20	0.40	1.30	4.40			
Date Sampled:		30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021
Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD									
Bromochloromethane	U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene	N	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	M	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Toluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane	M	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Tetrachloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	20	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane	U	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	M	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
N-Propylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.2
Sec-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540
Quotation No.: Q21-22622		Chemtest Sample ID.:		1177145	1177146	1177147	1177148	1177150	1177151	1177152	1177153	1177154	1177154
Sample Location:		TP123	TP123	TP124	TP124	TP125a	TP125a	TP126	TP126	TP126	TP126	TP126	TP126
Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Top Depth (m):		1.90	2.70	1.00	3.80	1.50	3.20	0.40	1.30	4.40			
Date Sampled:		30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021
Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD									
N-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachloroethane	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Nitrobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isophorone	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.68
4-Chloroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobutadiene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylnaphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.91
4-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chloronaphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthylene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.6
Dimethylphthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540
Quotation No.: Q21-22622		Chemtest Sample ID.:		1177145	1177146	1177147	1177148	1177150	1177151	1177152	1177153	1177154	1177154
Sample Location:		TP123	TP123	TP124	TP124	TP125a	TP125a	TP126	TP126	TP126	TP126	TP126	TP126
Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Top Depth (m):		1.90	2.70	1.00	3.80	1.50	3.20	0.40	1.30	4.40			
Date Sampled:		30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021
Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD									
2,6-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	15
3-Nitroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenzofuran	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	9.4
4-Chlorophenylphenylether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	15
Diethyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Azobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenanthrene	M	2790	mg/kg	0.50	0.73	0.92	3.1	0.97	1.6	< 0.50	0.84	1.3	63
Anthracene	M	2790	mg/kg	0.50	< 0.50	< 0.50	0.94	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	21
Carbazole	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	7.0
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluoranthene	M	2790	mg/kg	0.50	1.6	3.7	6.6	2.6	4.6	< 0.50	2.9	4.2	63
Pyrene	M	2790	mg/kg	0.50	1.4	3.0	5.9	2.2	3.7	< 0.50	2.4	3.4	51
Butylbenzyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]anthracene	M	2790	mg/kg	0.50	0.95	2.0	4.3	1.6	2.7	< 0.50	1.5	2.4	23
Chrysene	M	2790	mg/kg	0.50	0.95	2.1	4.1	1.5	2.6	< 0.50	1.8	2.3	22
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[b]fluoranthene	M	2790	mg/kg	0.50	1.5	3.2	5.9	2.1	3.8	< 0.50	2.5	3.3	26
Benzo[k]fluoranthene	M	2790	mg/kg	0.50	0.63	1.2	2.4	0.79	1.3	< 0.50	1.0	1.3	9.6
Benzo[a]pyrene	M	2790	mg/kg	0.50	1.3	2.7	5.3	1.9	2.9	< 0.50	2.0	2.8	22
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50	0.90	1.7	2.9	1.1	1.8	< 0.50	1.5	1.6	10
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50	< 0.50	< 0.50	0.80	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.5
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50	1.2	2.0	3.6	1.2	2.0	< 0.50	1.8	1.9	12
PCB 28	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 52	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 90+101	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 118	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 153	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 138	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 180	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)	U	2815	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd	Chemtest Job No.:		21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540
Quotation No.: Q21-22622	Chemtest Sample ID.:		1177145	1177146	1177147	1177148	1177150	1177151	1177152	1177153	1177154
	Sample Location:		TP123	TP123	TP124	TP124	TP125a	TP125a	TP126	TP126	TP126
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		1.90	2.70	1.00	3.80	1.50	3.20	0.40	1.30	4.40
	Date Sampled:		30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021	30-Mar-2021
	Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD							
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	0.61

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd	Chemtest Job No.:		21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540
Quotation No.: Q21-22622	Chemtest Sample ID.:		1177155	1177156	1177157	1177158	1177159	1177160	1177161	1177163	1177164		
	Sample Location:		TP127	TP127	TP127	TP128	TP128	TP128	TP129	TP130	TP130		
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
	Top Depth (m):		1.40	3.40	4.70	1.40	2.90	4.20	1.20	030	1.50		
	Date Sampled:		30-Mar-2021	30-Mar-2021	30-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021		
	Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM		
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A	-	-	-	-	-	-	-	-	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-	-	-	-	-	-	-	-	-
Asbestos by Gravimetry	U	2192	%	0.001									
Total Asbestos	U	2192	%	0.001									
Moisture	N	2030	%	0.020	11	51	15	13	18	22	17	13	15
pH	M	2010		4.0	8.4	7.9	8.1	8.5	8.4	8.1	8.5	11.1	8.9
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	0.64	< 0.40	0.69	1.0	1.1	1.2	1.6	0.68	1.4
Magnesium (Water Soluble)	N	2120	g/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.010	0.015	< 0.010	< 0.010	< 0.010
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.085	0.058	0.16	0.25	0.33	0.45	0.13	0.22	0.073
Total Sulphur	M	2175	%	0.010	0.10	0.20	0.20	0.20	0.10	1.2	0.10	0.10	0.10
Cyanide (Complex)	M	2300	mg/kg	0.50	8.6	3.2	1.3	0.60	< 0.50	1.0	< 0.50	< 0.50	< 0.50
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	8.8	3.4	1.5	0.80	0.50	1.1	< 0.50	< 0.50	< 0.50
Thiocyanate	M	2300	mg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	2.1	2.1	2.2	32	82	110	110	120	57
Aluminium (Total)	N	2430	mg/kg	100	16000	24000	7800	9700	11000	12000	11000	10000	14000
Arsenic	M	2450	mg/kg	1.0	15	43	25	13	14	31	15	16	14
Beryllium	U	2450	mg/kg	1.0	1.8	5.0	1.6	< 1.0	< 1.0	2.8	1.1	< 1.0	1.4
Cadmium	M	2450	mg/kg	0.10	0.12	5.8	0.13	0.29	< 0.10	< 0.10	1.3	0.34	0.23
Chromium	M	2450	mg/kg	1.0	38	41	23	20	26	19	25	24	21
Tin	N	2450	mg/kg	5.0	50	370	210	35	120	110	45	5.1	28
Copper	M	2450	mg/kg	0.50	49	250	95	52	43	64	39	18	40
Mercury	M	2450	mg/kg	0.10	0.34	0.55	0.36	0.26	0.43	0.22	0.24	0.14	0.15
Nickel	M	2450	mg/kg	0.50	34	92	37	22	27	50	26	19	22
Lead	M	2450	mg/kg	0.50	160	790	190	190	180	330	380	68	280
Selenium	M	2450	mg/kg	0.20	0.26	0.72	0.24	< 0.20	< 0.20	0.69	0.24	< 0.20	< 0.20
Zinc	M	2450	mg/kg	0.50	150	9500	360	210	260	250	250	120	210
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20	2.4	1.1	3.1	0.90	1.3	15	1.5	1.2	4.0
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	51	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	79	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	57	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	24	< 1.0	45	< 1.0	< 1.0	< 1.0	< 1.0	13	< 1.0
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	160	38	160	43	6.3	72	31	65	23

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540
Quotation No.: Q21-22622		Chemtest Sample ID.:		1177155	1177156	1177157	1177158	1177159	1177160	1177161	1177163	1177164	
Sample Location:		TP127	TP127	TP127	TP128	TP128	TP128	TP129	TP130	TP130			
Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Top Depth (m):		1.40	3.40	4.70	1.40	2.90	4.20	1.20	030	1.50			
Date Sampled:		30-Mar-2021	30-Mar-2021	30-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021
Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD									
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	24	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	190	38	230	43	6.3	260	31	78	23
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	42	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	220	10	27	33	3.0	87	4.1	120	19
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	1000	84	200	220	25	350	30	570	130
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	100	< 1.0	25	< 1.0	< 1.0	< 1.0	< 1.0	43	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	1400	94	250	260	29	440	34	730	150
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	1600	130	480	300	35	700	65	810	170
Naphthalene	M	2700	mg/kg	0.10	3.0	0.82	0.40	0.44	0.19	2.0	0.50	0.23	0.36
Acenaphthylene	M	2700	mg/kg	0.10	8.6	0.52	0.43	0.23	0.50	0.37	1.0	0.33	0.72
Acenaphthene	M	2700	mg/kg	0.10	5.4	0.54	0.46	0.29	0.33	0.44	0.38	0.10	0.48
Fluorene	M	2700	mg/kg	0.10	8.7	0.77	0.62	0.60	0.23	0.50	0.68	0.16	0.58
Phenanthrene	M	2700	mg/kg	0.10	100	4.4	3.3	5.4	2.6	2.2	5.7	1.7	5.1
Anthracene	M	2700	mg/kg	0.10	39	1.5	0.99	1.8	0.78	0.51	1.8	0.47	1.7
Fluoranthene	M	2700	mg/kg	0.10	240	8.6	5.5	14	5.5	4.2	12	4.3	14
Pyrene	M	2700	mg/kg	0.10	230	8.7	5.3	14	5.7	3.9	11	4.3	15
Benzo[a]anthracene	M	2700	mg/kg	0.10	76	5.3	2.6	7.7	2.5	1.2	5.9	2.4	8.0
Chrysene	M	2700	mg/kg	0.10	67	4.9	3.4	6.8	3.4	1.8	6.1	3.0	8.0
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	91	5.9	3.5	9.9	3.6	1.6	8.0	3.8	12
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	38	3.4	2.3	4.3	2.0	2.1	3.7	1.8	5.3
Benzo[a]pyrene	M	2700	mg/kg	0.10	72	4.0	2.6	8.2	2.6	1.5	6.0	2.9	8.8
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	45	2.6	2.0	5.8	1.8	< 0.10	4.7	2.3	6.5
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	15	3.2	1.8	2.2	1.3	< 0.10	1.9	1.2	2.3
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	40	3.4	2.3	5.0	2.2	< 0.10	4.7	2.3	5.9
Total Of 16 PAH's	M	2700	mg/kg	2.0	1100	59	38	87	35	22	74	31	95
Dichlorodifluoromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	M	2760	µg/kg	1.0	1.5	3.9	< 1.0	< 1.0	< 1.0	1.3	< 1.0	< 1.0	< 1.0
Vinyl Chloride	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	M	2760	µg/kg	20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540
Quotation No.: Q21-22622		Chemtest Sample ID.:		1177155	1177156	1177157	1177158	1177159	1177160	1177161	1177163	1177164	1177164
Sample Location:		TP127	TP127	TP127	TP128	TP128	TP128	TP129	TP130	TP130	TP130	TP130	TP130
Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Top Depth (m):		1.40	3.40	4.70	1.40	2.90	4.20	1.20	030	1.50	030	1.50	1.50
Date Sampled:		30-Mar-2021	30-Mar-2021	30-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021
Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD									
Bromochloromethane	U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene	N	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	M	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Toluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane	M	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Tetrachloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane	U	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	M	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
N-Propylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540
Quotation No.: Q21-22622		Chemtest Sample ID.:		1177155	1177156	1177157	1177158	1177159	1177160	1177161	1177163	1177164	1177164
Sample Location:		TP127	TP127	TP127	TP128	TP128	TP128	TP129	TP130	TP130	TP130	TP130	TP130
Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Top Depth (m):		1.40	3.40	4.70	1.40	2.90	4.20	1.20	030	1.50	030	1.50	1.50
Date Sampled:		30-Mar-2021	30-Mar-2021	30-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021
Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD									
N-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachloroethane	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Nitrobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isophorone	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobutadiene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylnaphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chloronaphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthylene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	0.63	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dimethylphthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540
Quotation No.: Q21-22622		Chemtest Sample ID.:		1177155	1177156	1177157	1177158	1177159	1177160	1177161	1177163	1177164	1177164
Sample Location:		TP127	TP127	TP127	TP128	TP128	TP128	TP129	TP130	TP130	TP130	TP130	TP130
Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Top Depth (m):		1.40	3.40	4.70	1.40	2.90	4.20	1.20	030	1.50			
Date Sampled:		30-Mar-2021	30-Mar-2021	30-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021
Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD									
2,6-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	0.77	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
3-Nitroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenzofuran	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	0.65	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chlorophenylphenylether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	0.93	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Diethyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Azobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenanthrene	M	2790	mg/kg	0.50	8.3	< 0.50	1.2	12	2.6	1.1	3.5	1.5	1.4
Anthracene	M	2790	mg/kg	0.50	2.8	< 0.50	< 0.50	3.4	0.69	< 0.50	0.99	< 0.50	< 0.50
Carbazole	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	0.94	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluoranthene	M	2790	mg/kg	0.50	22	1.7	2.7	20	5.6	3.4	8.6	4.8	4.3
Pyrene	M	2790	mg/kg	0.50	19	1.4	2.3	16	4.6	2.7	7.0	4.3	4.0
Butylbenzyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]anthracene	M	2790	mg/kg	0.50	12	< 0.50	1.4	9.0	3.2	1.7	4.8	3.2	3.1
Chrysene	M	2790	mg/kg	0.50	12	< 0.50	1.5	8.9	2.8	1.6	4.4	3.1	2.8
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[b]fluoranthene	M	2790	mg/kg	0.50	17	< 0.50	2.1	11	4.0	1.9	5.8	4.7	4.7
Benzo[k]fluoranthene	M	2790	mg/kg	0.50	5.6	< 0.50	0.75	3.9	1.6	0.73	2.3	1.8	1.8
Benzo[a]pyrene	M	2790	mg/kg	0.50	13	< 0.50	1.6	8.9	3.4	1.6	5.0	3.9	4.0
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50	6.8	< 0.50	1.0	4.5	1.8	0.85	2.8	2.7	2.7
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50	1.8	< 0.50	< 0.50	1.2	< 0.50	< 0.50	0.73	0.70	0.69
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50	8.6	< 0.50	1.2	5.6	2.1	0.94	3.4	3.3	3.2
PCB 28	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 52	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 90+101	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 118	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 153	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 138	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 180	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)	U	2815	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd	Chemtest Job No.:		21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540	21-11540
Quotation No.: Q21-22622	Chemtest Sample ID.:		1177155	1177156	1177157	1177158	1177159	1177160	1177161	1177163	1177164
	Sample Location:		TP127	TP127	TP127	TP128	TP128	TP128	TP129	TP130	TP130
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		1.40	3.40	4.70	1.40	2.90	4.20	1.20	030	1.50
	Date Sampled:		30-Mar-2021	30-Mar-2021	30-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021	29-Mar-2021
	Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD							
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd	Chemtest Job No.:				21-11540	21-11540	21-11540
Quotation No.: Q21-22622	Chemtest Sample ID.:				1177165	1177166	1177168
	Sample Location:				TP130	TP130	TP125a
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				3.80	4.10	4.10
	Date Sampled:				29-Mar-2021	29-Mar-2021	30-Mar-2021
	Asbestos Lab:				DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD			
ACM Type	U	2192		N/A	-	-	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-	-	-
Asbestos by Gravimetry	U	2192	%	0.001			
Total Asbestos	U	2192	%	0.001			
Moisture	N	2030	%	0.020	16	20	17
pH	M	2010		4.0	8.6	8.3	8.2
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	2.8	2.2	1.3
Magnesium (Water Soluble)	N	2120	g/l	0.010	0.012	0.038	0.019
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.23	1.0	0.54
Total Sulphur	M	2175	%	0.010	0.10	0.50	0.90
Cyanide (Complex)	M	2300	mg/kg	0.50	< 0.50	0.70	2.4
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	< 0.50	0.80	2.5
Thiocyanate	M	2300	mg/kg	5.0	< 5.0	< 5.0	< 5.0
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	98	89	86
Aluminium (Total)	N	2430	mg/kg	100	7500	9700	12000
Arsenic	M	2450	mg/kg	1.0	12	16	39
Beryllium	U	2450	mg/kg	1.0	< 1.0	1.0	2.2
Cadmium	M	2450	mg/kg	0.10	0.18	< 0.10	0.56
Chromium	M	2450	mg/kg	1.0	14	20	38
Tin	N	2450	mg/kg	5.0	< 5.0	52	330
Copper	M	2450	mg/kg	0.50	18	37	590
Mercury	M	2450	mg/kg	0.10	< 0.10	0.26	0.76
Nickel	M	2450	mg/kg	0.50	17	27	52
Lead	M	2450	mg/kg	0.50	59	120	770
Selenium	M	2450	mg/kg	0.20	< 0.20	< 0.20	0.23
Zinc	M	2450	mg/kg	0.50	61	550	800
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20	0.68	1.0	9.5
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	34
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	25
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	40
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	< 1.0	< 1.0	93
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	< 1.0	23	380

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-11540	21-11540	21-11540	
Quotation No.: Q21-22622		Chemtest Sample ID.:		1177165	1177166	1177168	
		Sample Location:		TP130	TP130	TP125a	
		Sample Type:		SOIL	SOIL	SOIL	
		Top Depth (m):		3.80	4.10	4.10	
		Date Sampled:		29-Mar-2021	29-Mar-2021	30-Mar-2021	
		Asbestos Lab:		DURHAM	DURHAM	DURHAM	
Determinand	Accred.	SOP	Units	LOD			
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	47
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	23	620
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	15
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	120
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	< 1.0	21	470
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	< 1.0	110	1400
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	190
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	130	2200
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	< 10	150	2800
Naphthalene	M	2700	mg/kg	0.10	0.32	< 0.10	1.1
Acenaphthylene	M	2700	mg/kg	0.10	0.44	< 0.10	1.9
Acenaphthene	M	2700	mg/kg	0.10	0.39	< 0.10	6.7
Fluorene	M	2700	mg/kg	0.10	< 0.10	< 0.10	6.3
Phenanthrene	M	2700	mg/kg	0.10	1.9	1.8	34
Anthracene	M	2700	mg/kg	0.10	0.62	0.85	14
Fluoranthene	M	2700	mg/kg	0.10	5.8	6.0	59
Pyrene	M	2700	mg/kg	0.10	5.9	5.9	55
Benzo[a]anthracene	M	2700	mg/kg	0.10	3.2	3.5	24
Chrysene	M	2700	mg/kg	0.10	2.9	3.1	24
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	4.6	4.6	28
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	2.0	2.1	13
Benzo[a]pyrene	M	2700	mg/kg	0.10	3.9	3.9	22
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	3.4	2.8	16
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	1.3	0.57	4.1
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	2.9	2.5	14
Total Of 16 PAH's	M	2700	mg/kg	2.0	40	38	320
Dichlorodifluoromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Chloromethane	M	2760	µg/kg	1.0	< 1.0	1.5	< 1.0
Vinyl Chloride	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Bromomethane	M	2760	µg/kg	20	< 20	< 20	< 20
Chloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-11540	21-11540	21-11540
Quotation No.: Q21-22622		Chemtest Sample ID.:		1177165	1177166	1177168
		Sample Location:		TP130	TP130	TP125a
		Sample Type:		SOIL	SOIL	SOIL
		Top Depth (m):		3.80	4.10	4.10
		Date Sampled:		29-Mar-2021	29-Mar-2021	30-Mar-2021
		Asbestos Lab:		DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD		
Bromochloromethane	U	2760	µg/kg	5.0	< 5.0	< 5.0
Trichloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0
Tetrachloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	< 1.0	< 1.0
Benzene	M	2760	µg/kg	1.0	< 1.0	< 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0
Trichloroethene	N	2760	µg/kg	1.0	< 1.0	< 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0	< 1.0	< 1.0
Dibromomethane	M	2760	µg/kg	1.0	< 1.0	< 1.0
Bromodichloromethane	M	2760	µg/kg	5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10
Toluene	M	2760	µg/kg	1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10
1,1,2-Trichloroethane	M	2760	µg/kg	10	< 10	< 10
Tetrachloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	< 2.0	< 2.0
Dibromochloromethane	U	2760	µg/kg	10	< 10	< 10
1,2-Dibromoethane	M	2760	µg/kg	5.0	< 5.0	< 5.0
Chlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0
o-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0
Styrene	M	2760	µg/kg	1.0	< 1.0	< 1.0
Tribromomethane	U	2760	µg/kg	1.0	< 1.0	< 1.0
Isopropylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0
Bromobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	< 50	< 50
N-Propylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-11540	21-11540	21-11540	
Quotation No.: Q21-22622		Chemtest Sample ID.:		1177165	1177166	1177168	
		Sample Location:		TP130	TP130	TP125a	
		Sample Type:		SOIL	SOIL	SOIL	
		Top Depth (m):		3.80	4.10	4.10	
		Date Sampled:		29-Mar-2021	29-Mar-2021	30-Mar-2021	
		Asbestos Lab:		DURHAM	DURHAM	DURHAM	
Determinand	Accred.	SOP	Units	LOD			
N-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	< 50	< 50	< 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Phenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
2-Chlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
1,2-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
2-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Hexachloroethane	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
4-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Nitrobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Isophorone	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
2,4-Dichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Naphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	0.61
4-Chloroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Hexachlorobutadiene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
2-Methylnaphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
2-Chloronaphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
2-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Acenaphthylene	M	2790	mg/kg	0.50	< 0.50	< 0.50	0.74
Dimethylphthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-11540	21-11540	21-11540
Quotation No.: Q21-22622		Chemtest Sample ID.:		1177165	1177166	1177168
		Sample Location:		TP130	TP130	TP125a
		Sample Type:		SOIL	SOIL	SOIL
		Top Depth (m):		3.80	4.10	4.10
		Date Sampled:		29-Mar-2021	29-Mar-2021	30-Mar-2021
		Asbestos Lab:		DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD		
2,6-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50
Acenaphthene	M	2790	mg/kg	0.50	< 0.50	< 0.50
3-Nitroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50
Dibenzofuran	M	2790	mg/kg	0.50	< 0.50	< 0.50
4-Chlorophenylphenylether	M	2790	mg/kg	0.50	< 0.50	< 0.50
2,4-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50
Fluorene	M	2790	mg/kg	0.50	< 0.50	< 0.50
Diethyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50
4-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
Azobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50
Hexachlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
Phenanthrene	M	2790	mg/kg	0.50	3.0	< 0.50
Anthracene	M	2790	mg/kg	0.50	0.71	< 0.50
Carbazole	M	2790	mg/kg	0.50	< 0.50	< 0.50
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50
Fluoranthene	M	2790	mg/kg	0.50	4.6	1.3
Pyrene	M	2790	mg/kg	0.50	3.7	1.1
Butylbenzyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50
Benzo[a]anthracene	M	2790	mg/kg	0.50	2.0	0.72
Chrysene	M	2790	mg/kg	0.50	2.1	0.62
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50
Benzo[b]fluoranthene	M	2790	mg/kg	0.50	2.7	0.84
Benzo[k]fluoranthene	M	2790	mg/kg	0.50	1.1	< 0.50
Benzo[a]pyrene	M	2790	mg/kg	0.50	2.4	0.71
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50	1.3	< 0.50
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50	< 0.50	< 0.50
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50	1.6	< 0.50
PCB 28	U	2815	mg/kg	0.010	< 0.010	0.25
PCB 52	U	2815	mg/kg	0.010	< 0.010	0.25
PCB 90+101	U	2815	mg/kg	0.010	< 0.010	< 0.010
PCB 118	U	2815	mg/kg	0.010	< 0.010	< 0.010
PCB 153	U	2815	mg/kg	0.010	< 0.010	< 0.010
PCB 138	U	2815	mg/kg	0.010	< 0.010	< 0.010
PCB 180	U	2815	mg/kg	0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)	U	2815	mg/kg	0.10	< 0.10	0.50

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd	Chemtest Job No.:				21-11540	21-11540	21-11540
Quotation No.: Q21-22622	Chemtest Sample ID.:				1177165	1177166	1177168
	Sample Location:				TP130	TP130	TP125a
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				3.80	4.10	4.10
	Date Sampled:				29-Mar-2021	29-Mar-2021	30-Mar-2021
	Asbestos Lab:				DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD			
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540 Chemtest Sample ID: 1177145 Sample Ref: Sample ID: Sample Location: TP123 Top Depth(m): 1.90 Bottom Depth(m): Sampling Date: 30-Mar-2021				Landfill Waste Acceptance Criteria Limits			
				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	2.5	3	5	6
Loss On Ignition	2610	M	%	4.0	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	37	100	--	--
pH	2010	M		8.1	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0070	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0012	0.012	0.5	2	25
Barium	1455	U	0.017	0.17	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0031	0.031	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0027	0.027	0.5	10	30
Nickel	1455	U	0.0009	0.0089	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	0.0014	0.014	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	2.4	24	800	15000	25000
Fluoride	1220	U	0.62	6.2	10	150	500
Sulphate	1220	U	31	310	1000	20000	50000
Total Dissolved Solids	1020	N	120	1200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	4.2	< 50	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	15

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540 Chemtest Sample ID: 1177146 Sample Ref: Sample ID: Sample Location: TP123 Top Depth(m): 2.70 Bottom Depth(m): Sampling Date: 30-Mar-2021				Landfill Waste Acceptance Criteria Limits			
				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	2.6	3	5	6
Loss On Ignition	2610	M	%	4.2	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	260	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	87	100	--	--
pH	2010	M		8.3	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0025	0.025	0.5	2	25
Barium	1455	U	0.019	0.19	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0014	0.014	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0071	0.070	0.5	10	30
Nickel	1455	U	0.0009	0.0087	0.4	10	40
Lead	1455	U	0.0008	0.0080	0.5	10	50
Antimony	1455	U	0.0025	0.025	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	5.4	54	800	15000	25000
Fluoride	1220	U	0.38	3.8	10	150	500
Sulphate	1220	U	63	630	1000	20000	50000
Total Dissolved Solids	1020	N	180	1800	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	5.3	53	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	16

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540 Chemtest Sample ID: 1177147 Sample Ref: Sample ID: Sample Location: TP124 Top Depth(m): 1.00 Bottom Depth(m): Sampling Date: 30-Mar-2021				Landfill Waste Acceptance Criteria			
				Limits			
				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	3.3	3	5	6
Loss On Ignition	2610	M	%	7.2	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	140	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	130	100	--	--
pH	2010	M		8.3	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.020	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0005	0.0047	0.5	2	25
Barium	1455	U	0.024	0.24	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	0.0006	0.0061	0.5	10	70
Copper	1455	U	0.0021	0.021	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0018	0.018	0.5	10	30
Nickel	1455	U	0.0006	0.0055	0.4	10	40
Lead	1455	U	0.0007	0.0067	0.5	10	50
Antimony	1455	U	0.0012	0.012	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	2.8	28	800	15000	25000
Fluoride	1220	U	0.57	5.7	10	150	500
Sulphate	1220	U	21	210	1000	20000	50000
Total Dissolved Solids	1020	N	110	1100	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	4.5	< 50	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	20

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1177148							
Sample Ref:							
Sample ID:							
Sample Location: TP124							
Top Depth(m): 3.80							
Bottom Depth(m):							
Sampling Date: 30-Mar-2021							
Determinand	SOP	Accred.	Units		Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Total Organic Carbon	2625	M	%	2.4	3	5	6
Loss On Ignition	2610	M	%	4.1	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	56	100	--	--
pH	2010	M		8.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0007	0.0070	0.5	2	25
Barium	1455	U	0.031	0.31	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0008	0.0082	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0034	0.034	0.5	10	30
Nickel	1455	U	0.0006	0.0059	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	0.0017	0.017	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	4.5	45	800	15000	25000
Fluoride	1220	U	0.22	2.2	10	150	500
Sulphate	1220	U	140	1400	1000	20000	50000
Total Dissolved Solids	1020	N	260	2600	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	2.6	< 50	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	10

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1177150							
Sample Ref:							
Sample ID:							
Sample Location: TP125a							
Top Depth(m): 1.50							
Bottom Depth(m):				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sampling Date: 30-Mar-2021							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	2.1	3	5	6
Loss On Ignition	2610	M	%	4.6	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	54	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	63	100	--	--
pH	2010	M		8.7	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0039	0.039	0.5	2	25
Barium	1455	U	0.008	0.082	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	0.0008	0.0078	0.5	10	70
Copper	1455	U	0.0059	0.059	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0011	0.011	0.5	10	30
Nickel	1455	U	0.0017	0.017	0.4	10	40
Lead	1455	U	0.010	0.10	0.5	10	50
Antimony	1455	U	0.0064	0.064	0.06	0.7	5
Selenium	1455	U	0.0007	0.0069	0.1	0.5	7
Zinc	1455	U	0.003	0.032	4	50	200
Chloride	1220	U	3.3	33	800	15000	25000
Fluoride	1220	U	0.19	1.9	10	150	500
Sulphate	1220	U	8.6	86	1000	20000	50000
Total Dissolved Solids	1020	N	72	710	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	7.1	71	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540 Chemtest Sample ID: 1177151 Sample Ref: Sample ID: Sample Location: TP125a Top Depth(m): 3.20 Bottom Depth(m): Sampling Date: 30-Mar-2021				Landfill Waste Acceptance Criteria			
				Limits			
				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	0.60	3	5	6
Loss On Ignition	2610	M	%	2.5	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	13	100	--	--
pH	2010	M		8.4	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0030	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0016	0.016	0.5	2	25
Barium	1455	U	0.025	0.25	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0007	0.0074	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0076	0.076	0.5	10	30
Nickel	1455	U	0.0006	0.0063	0.4	10	40
Lead	1455	U	0.0005	0.0053	0.5	10	50
Antimony	1455	U	0.0030	0.030	0.06	0.7	5
Selenium	1455	U	0.0007	0.0068	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	9.7	97	800	15000	25000
Fluoride	1220	U	0.28	2.8	10	150	500
Sulphate	1220	U	82	820	1000	20000	50000
Total Dissolved Solids	1020	N	210	2100	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	3.6	< 50	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	19

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540				Landfill Waste Acceptance Criteria			
Chemtest Sample ID: 1177152				Limits			
Sample Ref:				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sample ID:							
Sample Location: TP126							
Top Depth(m): 0.40							
Bottom Depth(m):							
Sampling Date: 30-Mar-2021							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	1.7	3	5	6
Loss On Ignition	2610	M	%	5.5	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	110	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	32	100	--	--
pH	2010	M		8.1	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0018	0.018	0.5	2	25
Barium	1455	U	0.027	0.27	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0084	0.084	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0021	0.021	0.5	10	30
Nickel	1455	U	0.0014	0.014	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	0.0008	0.0085	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	1.2	12	800	15000	25000
Fluoride	1220	U	0.48	4.8	10	150	500
Sulphate	1220	U	100	1000	1000	20000	50000
Total Dissolved Solids	1020	N	210	2100	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	5.0	50	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	20

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540				Landfill Waste Acceptance Criteria Limits			
Chemtest Sample ID: 1177153							
Sample Ref:							
Sample ID:							
Sample Location: TP126							
Top Depth(m): 1.30				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Bottom Depth(m):							
Sampling Date: 30-Mar-2021							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	3.7	3	5	
Loss On Ignition	2610	M	%	8.4	--	10	
Total BTEX	2760	M	mg/kg	< 0.010	6	--	
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	130	500	--	
Total (Of 17) PAH's	2700	N	mg/kg	27	100	--	
pH	2010	M		8.0	--	>6	
Acid Neutralisation Capacity	2015	N	mol/kg	0.010	--	To evaluate	
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0004	0.0040	0.5	2	25
Barium	1455	U	0.029	0.29	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0027	0.027	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0013	0.013	0.5	10	30
Nickel	1455	U	0.0011	0.011	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	0.0011	0.011	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	0.008	0.085	4	50	200
Chloride	1220	U	3.5	35	800	15000	25000
Fluoride	1220	U	0.32	3.2	10	150	500
Sulphate	1220	U	270	2700	1000	20000	50000
Total Dissolved Solids	1020	N	430	4300	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	4.1	< 50	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	20

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1177154							
Sample Ref:							
Sample ID:							
Sample Location: TP126							
Top Depth(m): 4.40							
Bottom Depth(m):				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sampling Date: 30-Mar-2021							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	3.1	3	5	6
Loss On Ignition	2610	M	%	5.0	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	9300	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	1000	100	--	--
pH	2010	M		8.5	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.010	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0017	0.017	0.5	2	25
Barium	1455	U	0.054	0.54	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0013	0.013	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.011	0.11	0.5	10	30
Nickel	1455	U	0.0028	0.028	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	0.025	0.25	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	0.006	0.059	4	50	200
Chloride	1220	U	6.7	67	800	15000	25000
Fluoride	1220	U	0.25	2.5	10	150	500
Sulphate	1220	U	160	1600	1000	20000	50000
Total Dissolved Solids	1020	N	350	3500	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	7.6	76	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	13

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1177155					Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample Ref:							
Sample ID:							
Sample Location: TP127							
Top Depth(m): 1.40							
Bottom Depth(m):							
Sampling Date: 30-Mar-2021							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	2.4	3	5	
Loss On Ignition	2610	M	%	5.6	--	10	
Total BTEX	2760	M	mg/kg	< 0.010	6	--	
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	1600	500	--	
Total (Of 17) PAH's	2700	N	mg/kg	1100	100	--	
pH	2010	M		8.4	--	>6	
Acid Neutralisation Capacity	2015	N	mol/kg	0.011	--	To evaluate	
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0008	0.0082	0.5	2	25
Barium	1455	U	0.022	0.22	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0033	0.033	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0064	0.064	0.5	10	30
Nickel	1455	U	0.0015	0.015	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	0.0013	0.013	0.06	0.7	5
Selenium	1455	U	0.0008	0.0076	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	3.5	35	800	15000	25000
Fluoride	1220	U	1.7	17	10	150	500
Sulphate	1220	U	51	510	1000	20000	50000
Total Dissolved Solids	1020	N	160	1600	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	4.7	< 50	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1177156					Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample Ref:							
Sample ID:							
Sample Location: TP127							
Top Depth(m): 3.40							
Bottom Depth(m):							
Sampling Date: 30-Mar-2021							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	1.1	3	5	
Loss On Ignition	2610	M	%	20	--	10	
Total BTEX	2760	M	mg/kg	< 0.010	6	--	
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	130	500	--	
Total (Of 17) PAH's	2700	N	mg/kg	59	100	--	
pH	2010	M		7.9	--	>6	
Acid Neutralisation Capacity	2015	N	mol/kg	0.0030	--	To evaluate	
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.013	0.12	0.5	2	25
Barium	1455	U	0.047	0.44	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	0.0040	0.038	0.5	10	70
Copper	1455	U	0.0015	0.015	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.022	0.21	0.5	10	30
Nickel	1455	U	0.015	0.14	0.4	10	40
Lead	1455	U	0.042	0.39	0.5	10	50
Antimony	1455	U	0.028	0.28	0.06	0.7	5
Selenium	1455	U	0.0010	0.0099	0.1	0.5	7
Zinc	1455	U	0.51	5.0	4	50	200
Chloride	1220	U	39	390	800	15000	25000
Fluoride	1220	U	0.18	1.8	10	150	500
Sulphate	1220	U	580	5800	1000	20000	50000
Total Dissolved Solids	1020	N	850	8000	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	5.9	59	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	51

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1177157							
Sample Ref:							
Sample ID:							
Sample Location: TP127							
Top Depth(m): 4.70							
Bottom Depth(m):				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sampling Date: 30-Mar-2021							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	3.1	3	5	6
Loss On Ignition	2610	M	%	7.6	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	490	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	38	100	--	--
pH	2010	M		8.1	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0020	0.020	0.5	2	25
Barium	1455	U	0.049	0.49	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	< 0.0005	< 0.0005	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.017	0.17	0.5	10	30
Nickel	1455	U	0.0020	0.020	0.4	10	40
Lead	1455	U	0.0005	0.0055	0.5	10	50
Antimony	1455	U	0.0055	0.055	0.06	0.7	5
Selenium	1455	U	0.0006	0.0055	0.1	0.5	7
Zinc	1455	U	0.012	0.12	4	50	200
Chloride	1220	U	19	190	800	15000	25000
Fluoride	1220	U	0.28	2.8	10	150	500
Sulphate	1220	U	220	2200	1000	20000	50000
Total Dissolved Solids	1020	N	430	4300	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	5.5	55	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	15

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540				Landfill Waste Acceptance Criteria Limits			
Chemtest Sample ID: 1177158							
Sample Ref:							
Sample ID:							
Sample Location: TP128							
Top Depth(m): 1.40				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Bottom Depth(m):							
Sampling Date: 29-Mar-2021							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	0.90	3	5	6
Loss On Ignition	2610	M	%	4.1	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	300	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	87	100	--	--
pH	2010	M		8.5	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.010	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0006	0.0059	0.5	2	25
Barium	1455	U	0.025	0.25	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0016	0.016	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0020	0.020	0.5	10	30
Nickel	1455	U	< 0.0005	< 0.0005	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	0.0010	0.010	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	1.8	18	800	15000	25000
Fluoride	1220	U	0.44	4.4	10	150	500
Sulphate	1220	U	84	840	1000	20000	50000
Total Dissolved Solids	1020	N	180	1800	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	3.2	< 50	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	13

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1177159							
Sample Ref:							
Sample ID:							
Sample Location: TP128							
Top Depth(m): 2.90							
Bottom Depth(m):				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sampling Date: 29-Mar-2021							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	1.3	3	5	6
Loss On Ignition	2610	M	%	4.4	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	35	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	35	100	--	--
pH	2010	M		8.4	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	< 0.0002	< 0.0002	0.5	2	25
Barium	1455	U	0.032	0.32	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0009	0.0088	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0022	0.022	0.5	10	30
Nickel	1455	U	< 0.0005	< 0.0005	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	0.0008	0.0081	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	5.5	55	800	15000	25000
Fluoride	1220	U	0.25	2.5	10	150	500
Sulphate	1220	U	190	1900	1000	20000	50000
Total Dissolved Solids	1020	N	330	3200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	2.9	< 50	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	18

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540 Chemtest Sample ID: 1177160 Sample Ref: Sample ID: Sample Location: TP128 Top Depth(m): 4.20 Bottom Depth(m): Sampling Date: 29-Mar-2021				Landfill Waste Acceptance Criteria Limits			
				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	15	3	5	6
Loss On Ignition	2610	M	%	7.3	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	700	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	22	100	--	--
pH	2010	M		8.1	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.010	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0041	0.041	0.5	2	25
Barium	1455	U	0.066	0.65	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0018	0.018	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.028	0.28	0.5	10	30
Nickel	1455	U	0.0057	0.057	0.4	10	40
Lead	1455	U	0.0007	0.0071	0.5	10	50
Antimony	1455	U	0.011	0.11	0.06	0.7	5
Selenium	1455	U	0.0010	0.0097	0.1	0.5	7
Zinc	1455	U	0.020	0.20	4	50	200
Chloride	1220	U	6.5	65	800	15000	25000
Fluoride	1220	U	0.21	2.1	10	150	500
Sulphate	1220	U	230	2300	1000	20000	50000
Total Dissolved Solids	1020	N	400	3900	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	4.3	< 50	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	22

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540 Chemtest Sample ID: 1177161 Sample Ref: Sample ID: Sample Location: TP129 Top Depth(m): 1.20 Bottom Depth(m): Sampling Date: 29-Mar-2021				Landfill Waste Acceptance Criteria Limits			
				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	1.5	3	5	6
Loss On Ignition	2610	M	%	5.7	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	65	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	74	100	--	--
pH	2010	M		8.5	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0017	0.017	0.5	2	25
Barium	1455	U	0.017	0.17	20	100	300
Cadmium	1455	U	0.00025	0.0025	0.04	1	5
Chromium	1455	U	0.0007	0.0072	0.5	10	70
Copper	1455	U	0.0054	0.054	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0030	0.030	0.5	10	30
Nickel	1455	U	0.0016	0.016	0.4	10	40
Lead	1455	U	0.0029	0.029	0.5	10	50
Antimony	1455	U	0.0017	0.017	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	0.005	0.051	4	50	200
Chloride	1220	U	3.0	30	800	15000	25000
Fluoride	1220	U	0.57	5.7	10	150	500
Sulphate	1220	U	31	310	1000	20000	50000
Total Dissolved Solids	1020	N	120	1200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	5.6	56	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	17

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1177163							
Sample Ref:							
Sample ID:							
Sample Location: TP130							
Top Depth(m): 030							
Bottom Depth(m):				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sampling Date: 29-Mar-2021							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	1.2	3	5	6
Loss On Ignition	2610	M	%	5.4	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	810	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	31	100	--	--
pH	2010	M		11.1	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.049	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0043	0.043	0.5	2	25
Barium	1455	U	< 0.005	< 0.0005	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0013	0.013	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0010	0.0095	0.5	10	30
Nickel	1455	U	< 0.0005	< 0.0005	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	< 0.0005	< 0.0005	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	16	160	800	15000	25000
Fluoride	1220	U	0.13	1.3	10	150	500
Sulphate	1220	U	13	130	1000	20000	50000
Total Dissolved Solids	1020	N	85	840	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	9.7	97	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	13

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540				Landfill Waste Acceptance Criteria Limits			
Chemtest Sample ID: 1177164							
Sample Ref:							
Sample ID:							
Sample Location: TP130							
Top Depth(m): 1.50				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Bottom Depth(m):							
Sampling Date: 29-Mar-2021							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	4.0	3	5	6
Loss On Ignition	2610	M	%	8.8	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	170	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	95	100	--	--
pH	2010	M		8.9	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0093	0.092	0.5	2	25
Barium	1455	U	0.008	0.078	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0073	0.073	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0027	0.027	0.5	10	30
Nickel	1455	U	0.0020	0.020	0.4	10	40
Lead	1455	U	0.0021	0.021	0.5	10	50
Antimony	1455	U	0.0008	0.0076	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	0.004	0.041	4	50	200
Chloride	1220	U	2.1	21	800	15000	25000
Fluoride	1220	U	0.31	3.1	10	150	500
Sulphate	1220	U	5.1	51	1000	20000	50000
Total Dissolved Solids	1020	N	91	910	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	5.3	53	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	15

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1177165					Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample Ref:							
Sample ID:							
Sample Location: TP130							
Top Depth(m): 3.80							
Bottom Depth(m):							
Sampling Date: 29-Mar-2021							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	0.68	3	5	6
Loss On Ignition	2610	M	%	3.0	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	40	100	--	--
pH	2010	M		8.6	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0025	0.025	0.5	2	25
Barium	1455	U	0.018	0.17	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	0.0011	0.011	0.5	10	70
Copper	1455	U	0.0050	0.050	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0038	0.038	0.5	10	30
Nickel	1455	U	0.0013	0.013	0.4	10	40
Lead	1455	U	0.0055	0.055	0.5	10	50
Antimony	1455	U	0.0015	0.015	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	0.005	0.045	4	50	200
Chloride	1220	U	1.2	12	800	15000	25000
Fluoride	1220	U	0.54	5.4	10	150	500
Sulphate	1220	U	11	110	1000	20000	50000
Total Dissolved Solids	1020	N	170	1700	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	7.5	75	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	16

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540 Chemtest Sample ID: 1177166 Sample Ref: Sample ID: Sample Location: TP130 Top Depth(m): 4.10 Bottom Depth(m): Sampling Date: 29-Mar-2021				Landfill Waste Acceptance Criteria Limits			
				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	1.0	3	5	6
Loss On Ignition	2610	M	%	6.0	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	0.50	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	150	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	38	100	--	--
pH	2010	M		8.3	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.039	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0064	0.064	0.5	2	25
Barium	1455	U	0.014	0.14	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0028	0.028	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.014	0.13	0.5	10	30
Nickel	1455	U	0.0029	0.029	0.4	10	40
Lead	1455	U	0.0016	0.016	0.5	10	50
Antimony	1455	U	0.0054	0.054	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	6.5	65	800	15000	25000
Fluoride	1220	U	0.36	3.6	10	150	500
Sulphate	1220	U	41	410	1000	20000	50000
Total Dissolved Solids	1020	N	600	6000	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	7.2	72	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	20

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: 22281 Princes Parade

Chemtest Job No: 21-11540					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1177168					Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample Ref:							
Sample ID:							
Sample Location: TP125a							
Top Depth(m): 4.10							
Bottom Depth(m):							
Sampling Date: 30-Mar-2021							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	9.5	3	5	6
Loss On Ignition	2610	M	%	10	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	M	mg/kg	2800	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	320	100	--	--
pH	2010	M		8.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0023	0.023	0.5	2	25
Barium	1455	U	0.047	0.47	20	100	300
Cadmium	1455	U	< 0.00012	< 0.0012	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	< 0.0005	< 0.0005	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.060	0.60	0.5	10	30
Nickel	1455	U	0.0029	0.029	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	0.011	0.11	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	0.008	0.085	4	50	200
Chloride	1220	U	11	110	800	15000	25000
Fluoride	1220	U	0.18	1.8	10	150	500
Sulphate	1220	U	350	3500	1000	20000	50000
Total Dissolved Solids	1020	N	390	3900	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	3.6	< 50	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	17

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Test Methods

SOP	Title	Parameters included	Method summary
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Conductivity Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2015	Acid Neutralisation Capacity	Acid Reserve	Titration
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2175	Total Sulphur in Soils	Total Sulphur	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazine.
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection

Test Methods

SOP	Title	Parameters included	Method summary
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

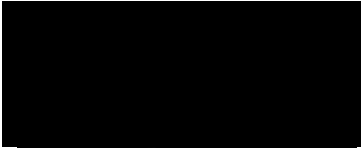
If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.com



Final Report

Report No.: 21-12074-1
Initial Date of Issue: 23-Apr-2021
Client: Idom Merebrook Ltd
Client Address: No 1 St Ann Street
Manchester
M2 7LR
Contact(s): Charlie Oliveira
Project: 22281 Princes Parade
Quotation No.: Q21-22622
Date Received: 15-Apr-2021
Order No.:
Date Instructed: 15-Apr-2021
No. of Samples: 34
Turnaround (Wkdays): 5
Results Due: 21-Apr-2021
Date Approved: 23-Apr-2021
Approved By:



Details: Glynn Harvey, Technical Manager

Results - Leachate

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:												
Quotation No.: Q21-22622		Chemtest Sample ID.:												
Order No.:		Client Sample Ref.:												
		Sample Type:												
		Top Depth (m):												
		Date Sampled:												
Determinand	Accred.	SOP	Type	Units	LOD	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Aluminium (Dissolved)	N	1455	10:1	µg/l	5.0	170	120	110	160	10	68	110	17	110
Cadmium (Dissolved)	U	1455	10:1	µg/l	0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Cobalt (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chromium (Dissolved)	U	1455	10:1	µg/l	0.50	0.52	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Copper (Dissolved)	U	1455	10:1	µg/l	0.50	3.3	< 0.50	3.5	1.2	0.69	0.96	0.85	< 0.50	8.3
Manganese (Dissolved)	U	1455	10:1	µg/l	0.50	2.7	2.1	1.8	1.0	< 0.50	0.54	1.1	1.3	7.7
Nickel (Dissolved)	U	1455	10:1	µg/l	0.50	1.1	< 0.50	0.56	< 0.50	< 0.50	< 0.50	0.70	< 0.50	0.88
Lead (Dissolved)	U	1455	10:1	µg/l	0.50	1.4	0.65	1.8	0.99	< 0.50	1.6	1.3	< 0.50	1.5
Zinc (Dissolved)	U	1455	10:1	µg/l	3.0	14	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	13
Iron (Dissolved)	N	1455	10:1	µg/l	5.0	96	140	130	80	20	83	400	27	160
Naphthalene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	N	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	1700	10:1	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Results - Leachate

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:												
Quotation No.: Q21-22622		Chemtest Sample ID.:												
Order No.:		Client Sample Ref.:												
		Sample Type:												
		Top Depth (m):												
		Date Sampled:												
Determinand	Accred.	SOP	Type	Units	LOD	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Aluminium (Dissolved)	N	1455	10:1	µg/l	5.0	61	240	24	19	6.5	7.5	110	63	45
Cadmium (Dissolved)	U	1455	10:1	µg/l	0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Cobalt (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chromium (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Copper (Dissolved)	U	1455	10:1	µg/l	0.50	1.8	1.3	1.2	1.3	0.83	0.55	1.9	< 0.50	1.1
Manganese (Dissolved)	U	1455	10:1	µg/l	0.50	1.6	3.1	< 0.50	0.89	1.3	0.95	0.97	0.99	< 0.50
Nickel (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.53	< 0.50
Lead (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	0.65	0.63	1.0	0.50	< 0.50	1.8	0.59	< 0.50
Zinc (Dissolved)	U	1455	10:1	µg/l	3.0	< 3.0	< 3.0	< 3.0	4.6	9.0	< 3.0	< 3.0	< 3.0	< 3.0
Iron (Dissolved)	N	1455	10:1	µg/l	5.0	66	41	60	8.2	48	27	71	330	37
Naphthalene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	N	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	1700	10:1	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Results - Leachate

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:												
Quotation No.: Q21-22622		Chemtest Sample ID.:												
Order No.:		Client Sample Ref.:												
		Sample Type:												
		Top Depth (m):												
		Date Sampled:												
Determinand	Accred.	SOP	Type	Units	LOD	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Aluminium (Dissolved)	N	1455	10:1	µg/l	5.0	17	53	26	< 5.0	75	82	52	34	59
Cadmium (Dissolved)	U	1455	10:1	µg/l	0.12	0.13	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Cobalt (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	1.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chromium (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	0.76	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Copper (Dissolved)	U	1455	10:1	µg/l	0.50	0.62	< 0.50	0.51	< 0.50	0.97	0.86	0.87	0.80	0.54
Manganese (Dissolved)	U	1455	10:1	µg/l	0.50	1.5	6.2	2.8	460	4.9	0.65	15	2.1	0.62
Nickel (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	4.2	< 0.50	< 0.50	0.91	< 0.50	< 0.50
Lead (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	0.62	< 0.50	4.1	< 0.50	< 0.50	< 0.50	< 0.50
Zinc (Dissolved)	U	1455	10:1	µg/l	3.0	8.2	< 3.0	< 3.0	57	< 3.0	8.7	< 3.0	< 3.0	< 3.0
Iron (Dissolved)	N	1455	10:1	µg/l	5.0	65	< 5.0	22	26	85	38	9.9	16	15
Naphthalene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	60	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	N	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	1700	10:1	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0	60	< 2.0	< 2.0	< 2.0	< 2.0

Results - Leachate

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074		
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179938	1179939	1179941	1179942		
Order No.:		Client Sample Ref.:		TP117	TP117	TP131	TP131		
		Sample Type:		SOIL	SOIL	SOIL	SOIL		
		Top Depth (m):		1.1	2.8	0.3	1.5		
		Date Sampled:		31-Mar-2021	31-Mar-2021	06-Mar-2021	06-Mar-2021		
Determinand	Accred.	SOP	Type	Units	LOD				
Aluminium (Dissolved)	N	1455	10:1	µg/l	5.0	32	15	58	41
Cadmium (Dissolved)	U	1455	10:1	µg/l	0.12	< 0.12	< 0.12	< 0.12	< 0.12
Cobalt (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chromium (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Copper (Dissolved)	U	1455	10:1	µg/l	0.50	0.53	1.2	1.5	1.4
Manganese (Dissolved)	U	1455	10:1	µg/l	0.50	0.53	1.2	9.5	2.0
Nickel (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	0.53	0.55	< 0.50
Lead (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	0.64	0.55	1.9
Zinc (Dissolved)	U	1455	10:1	µg/l	3.0	< 3.0	< 3.0	3.1	< 3.0
Iron (Dissolved)	N	1455	10:1	µg/l	5.0	32	21	42	99
Naphthalene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	N	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	1700	10:1	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179904	1179905	1179907	1179908	1179909	1179910	1179912	1179913	1179914	
Order No.:		Client Sample Ref.:		TP101	TP101	TP104	TP104	TP105	TP105	TP106	TP106	TP106	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		0.8	1.6	0.9	2.2	0.3	1.3	0.6	1.5	2	
		Date Sampled:		07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A	-	-	-	-	-	-	-	-	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-	-	-	-	-	-	-	-	-
Asbestos by Gravimetry	U	2192	%	0.001									
Total Asbestos	U	2192	%	0.001									
Moisture	N	2030	%	0.020	26	15	15	14	18	< 0.020	42	15	31
pH	M	2010		4.0	8.1	8.4	8.3	8.1	8.0	8.3	8.3	8.5	8.2
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	0.86	0.81	0.41	0.65	< 0.40	< 0.40	0.78	< 0.40	0.99
Magnesium (Water Soluble)	N	2120	g/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.012
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.034	0.023	0.015	0.10	0.23	< 0.010	0.025	< 0.010	0.058
Total Sulphur	M	2175	%	0.010	0.48	0.049	0.14	0.15	0.26	0.16	0.041	0.028	0.21
Cyanide (Complex)	M	2300	mg/kg	0.50	2.0	1.4	2.5	1.3	< 0.50	< 0.50	< 0.50	< 0.50	17
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	2.0	1.4	2.5	1.3	< 0.50	< 0.50	< 0.50	< 0.50	17
Thiocyanate	M	2300	mg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	2.9	2.9	2.8	2.4	2.3	1.9	2.1	1.7	1.1
Aluminium (Total)	N	2430	mg/kg	100	19000	15000	16000	15000	13000	7200	23000	2700	14000
Arsenic	M	2450	mg/kg	1.0	53	21	1000	33	22	< 1.0	28	8.2	53
Beryllium	U	2450	mg/kg	1.0	3.9	1.3	4.9	2.8	< 1.0	< 1.0	1.9	< 1.0	2.0
Cadmium	M	2450	mg/kg	0.10	1.7	0.23	1.0	0.52	0.20	0.40	0.14	< 0.10	0.71
Chromium	M	2450	mg/kg	1.0	42	33	310	34	26	10	63	4.2	81
Tin	N	2450	mg/kg	5.0	99	14	14	160	16	< 5.0	5.3	< 5.0	610
Copper	M	2450	mg/kg	0.50	760	60	72	170	25	21	16	3.0	10000
Mercury	M	2450	mg/kg	0.10	0.32	0.23	0.37	0.41	0.21	< 0.10	< 0.10	< 0.10	0.96
Nickel	M	2450	mg/kg	0.50	81	34	48	60	28	19	52	13	190
Lead	M	2450	mg/kg	0.50	860	130	130	470	70	66	52	3.4	640
Selenium	M	2450	mg/kg	0.20	0.78	0.29	1.4	0.61	0.26	0.71	0.21	< 0.20	0.98
Zinc	M	2450	mg/kg	0.50	2100	600	430	450	93	< 0.50	75	8.2	4200
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20	18	0.92	7.5	6.8	0.94	15	0.95	< 0.20	10
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	12	< 1.0	< 1.0	41	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	< 1.0	< 1.0	25	< 1.0	< 1.0	150	< 1.0	< 1.0	11
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	9.3	< 1.0	110	56	14	300	< 1.0	< 1.0	75

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.: 21-12074											
Quotation No.: Q21-22622		Chemtest Sample ID.:											
Order No.:	Client Sample Ref.:	TP101	TP101	TP104	TP104	TP105	TP105	TP106	TP106	TP106	TP106	TP106	
	Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Top Depth (m):	0.8	1.6	0.9	2.2	0.3	1.3	0.6	1.5	2			
	Date Sampled:	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	
	Asbestos Lab:	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD									
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	29	< 1.0	< 1.0	90	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	9.3	< 5.0	170	56	14	580	< 5.0	< 5.0	86
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	17	< 1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	82	25	< 1.0	290	< 1.0	< 1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	7.6	< 1.0	570	210	3.3	2200	< 1.0	< 1.0	40
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	45	< 1.0	1600	600	15	5200	< 1.0	< 1.0	240
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	160	54	< 1.0	560	< 1.0	< 1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	52	< 5.0	2400	890	19	8300	< 5.0	< 5.0	280
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	61	< 10	2600	940	32	8900	< 10	< 10	370
Naphthalene	M	2700	mg/kg	0.10	< 0.10	< 0.10	1.4	0.56	0.86	11	< 0.10	< 0.10	0.92
Acenaphthylene	M	2700	mg/kg	0.10	< 0.10	< 0.10	1.7	0.46	0.22	88	< 0.10	< 0.10	0.25
Acenaphthene	M	2700	mg/kg	0.10	< 0.10	< 0.10	1.7	0.28	0.10	33	< 0.10	< 0.10	0.12
Fluorene	M	2700	mg/kg	0.10	< 0.10	< 0.10	2.5	0.43	0.16	80	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2700	mg/kg	0.10	0.59	2.2	23	4.2	1.0	530	0.73	< 0.10	1.7
Anthracene	M	2700	mg/kg	0.10	0.10	0.63	7.9	1.3	0.36	200	0.25	< 0.10	0.35
Fluoranthene	M	2700	mg/kg	0.10	1.2	4.5	56	11	2.9	990	1.5	0.97	2.6
Pyrene	M	2700	mg/kg	0.10	1.4	4.5	58	12	3.0	940	1.5	1.0	2.4
Benzo[a]anthracene	M	2700	mg/kg	0.10	1.1	2.3	29	6.1	1.8	470	0.76	0.51	1.2
Chrysene	M	2700	mg/kg	0.10	1.5	2.6	27	6.1	1.8	350	0.90	0.50	2.8
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	2.5	4.2	36	8.9	2.8	540	0.97	0.76	2.3
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	0.67	1.6	14	3.3	1.1	220	0.40	0.36	2.1
Benzo[a]pyrene	M	2700	mg/kg	0.10	1.4	2.8	29	6.9	1.9	450	0.53	0.46	1.2
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	1.3	2.5	21	5.7	1.9	270	< 0.10	< 0.10	0.98
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	0.36	0.62	5.4	1.9	0.47	70	< 0.10	< 0.10	0.75
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	1.2	2.3	18	4.7	1.6	240	< 0.10	< 0.10	1.5
Total Of 16 PAH's	M	2700	mg/kg	2.0	13	31	330	74	22	5500	7.5	4.6	21
Dichlorodifluoromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	M	2760	µg/kg	20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179904	1179905	1179907	1179908	1179909	1179910	1179912	1179913	1179914	
Order No.:		Client Sample Ref.:		TP101	TP101	TP104	TP104	TP105	TP105	TP106	TP106	TP106	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		0.8	1.6	0.9	2.2	0.3	1.3	0.6	1.5	2	
		Date Sampled:		07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD									
Bromochloromethane	U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene	N	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	M	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Toluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane	M	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Tetrachloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane	U	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	M	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
N-Propylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179904	1179905	1179907	1179908	1179909	1179910	1179912	1179913	1179914	
Order No.:		Client Sample Ref.:		TP101	TP101	TP104	TP104	TP105	TP105	TP106	TP106	TP106	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		0.8	1.6	0.9	2.2	0.3	1.3	0.6	1.5	2	
		Date Sampled:		07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD									
N-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachloroethane	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Nitrobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isophorone	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.5	< 0.50	< 0.50	< 0.50
4-Chloroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobutadiene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylnaphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.1	< 0.50	< 0.50	< 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chloronaphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthylene	M	2790	mg/kg	0.50	< 0.50	< 0.50	0.96	< 0.50	< 0.50	38	< 0.50	< 0.50	< 0.50
Dimethylphthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.: 21-12074											
Quotation No.: Q21-22622		Chemtest Sample ID.:											
Order No.:		Client Sample Ref.:											
		Sample Type:											
		Top Depth (m):											
		Date Sampled:											
		Asbestos Lab:											
Determinand	Accred.	SOP	Units	LOD									
2,6-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthene	M	2790	mg/kg	0.50	< 0.50	< 0.50	0.93	< 0.50	< 0.50	19	< 0.50	< 0.50	< 0.50
3-Nitroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenzofuran	M	2790	mg/kg	0.50	< 0.50	< 0.50	0.52	< 0.50	< 0.50	20	< 0.50	< 0.50	< 0.50
4-Chlorophenylphenylether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorene	M	2790	mg/kg	0.50	< 0.50	< 0.50	1.4	< 0.50	< 0.50	40	< 0.50	< 0.50	< 0.50
Diethyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Azobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenanthrene	M	2790	mg/kg	0.50	< 0.50	< 0.50	17	3.8	1.1	530	< 0.50	< 0.50	< 0.50
Anthracene	M	2790	mg/kg	0.50	< 0.50	< 0.50	4.8	0.95	< 0.50	190	< 0.50	< 0.50	< 0.50
Carbazole	M	2790	mg/kg	0.50	< 0.50	< 0.50	0.80	< 0.50	< 0.50	29	< 0.50	< 0.50	< 0.50
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluoranthene	M	2790	mg/kg	0.50	1.5	< 0.50	39	8.7	4.1	870	1.5	< 0.50	< 0.50
Pyrene	M	2790	mg/kg	0.50	1.3	< 0.50	31	7.1	3.4	710	1.2	< 0.50	< 0.50
Butylbenzyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]anthracene	M	2790	mg/kg	0.50	1.2	< 0.50	17	4.2	2.2	430	< 0.50	< 0.50	< 0.50
Chrysene	M	2790	mg/kg	0.50	1.4	< 0.50	16	4.2	2.3	360	< 0.50	< 0.50	< 0.50
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50	16	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[b]fluoranthene	M	2790	mg/kg	0.50	2.2	< 0.50	20	5.6	3.3	410	< 0.50	< 0.50	< 0.50
Benzo[k]fluoranthene	M	2790	mg/kg	0.50	0.76	< 0.50	7.5	2.1	1.2	160	< 0.50	< 0.50	< 0.50
Benzo[a]pyrene	M	2790	mg/kg	0.50	1.6	< 0.50	16	4.2	2.7	330	< 0.50	< 0.50	< 0.50
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50	1.1	< 0.50	7.9	2.6	1.6	150	< 0.50	< 0.50	< 0.50
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50	< 0.50	< 0.50	2.4	0.65	< 0.50	43	< 0.50	< 0.50	< 0.50
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50	1.3	< 0.50	9.3	2.9	1.8	160	< 0.50	< 0.50	< 0.50
PCB 28	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 52	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 90+101	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 118	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 153	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 138	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 180	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)	U	2815	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd	Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622	Chemtest Sample ID.:		1179904	1179905	1179907	1179908	1179909	1179910	1179912	1179913	1179914	1179914
Order No.:	Client Sample Ref.:		TP101	TP101	TP104	TP104	TP105	TP105	TP106	TP106	TP106	TP106
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		0.8	1.6	0.9	2.2	0.3	1.3	0.6	1.5	2	2
	Date Sampled:		07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021	07-Apr-2021
	Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179915	1179916	1179917	1179919	1179920	1179922	1179923	1179924	1179926	
Order No.:		Client Sample Ref.:		TP106	TP107	TP108	TP109	TP109	TP110	TP110	TP111	TP112	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		3	1.2	0.4	2.2	3.4	1.05	2.3	1.4	2	
		Date Sampled:		07-Apr-2021	06-Apr-2021	06-Apr-2021	06-Apr-2021	06-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A	-	-	-	insulation	-	-	Cement	-	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	Chrysotile	No Asbestos Detected	No Asbestos Detected	Chrysotile	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-	-	-	Stereo Microscopy	-	-	Stereo Microscopy	-	-
Asbestos by Gravimetry	U	2192	%	0.001				0.089			0.002		
Total Asbestos	U	2192	%	0.001				0.089			0.002		
Moisture	N	2030	%	0.020	14	21	19	20	21	19	18	8.9	40
pH	M	2010		4.0	8.4	8.0	8.2	8.0	8.1	8.0	8.1	8.4	8.2
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	0.54	0.58	< 0.40	0.62	0.81	0.53	0.63	< 0.40	0.40
Magnesium (Water Soluble)	N	2120	g/l	0.010	< 0.010	0.014	< 0.010	0.010	< 0.010	< 0.010	0.013	< 0.010	< 0.010
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.044	0.30	0.18	0.46	0.14	0.14	0.24	0.047	0.093
Total Sulphur	M	2175	%	0.010	0.052	0.40	0.27	0.47	0.062	0.13	0.14	0.014	0.048
Cyanide (Complex)	M	2300	mg/kg	0.50	2.4	9.2	0.80	1.2	1.0	3.0	3.3	< 0.50	< 0.50
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	2.4	9.2	0.80	1.2	1.0	3.0	3.3	< 0.50	< 0.50
Thiocyanate	M	2300	mg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	1.0	2.4	2.3	2.4	1.3	1.3	1.3	52	53
Aluminium (Total)	N	2430	mg/kg	100	12000	31000	13000	8100	20000	17000	13000	6400	6800
Arsenic	M	2450	mg/kg	1.0	19	40	21	17	25	23	32	4.8	13
Beryllium	U	2450	mg/kg	1.0	1.1	1.9	< 1.0	1.2	2.2	< 1.0	1.3	< 1.0	< 1.0
Cadmium	M	2450	mg/kg	0.10	0.34	0.29	< 0.10	< 0.10	0.47	0.64	0.65	< 0.10	< 0.10
Chromium	M	2450	mg/kg	1.0	32	41	24	19	61	45	55	22	15
Tin	N	2450	mg/kg	5.0	120	320	25	47	23	170	330	13	38
Copper	M	2450	mg/kg	0.50	430	590	51	78	69	86	120	8.3	41
Mercury	M	2450	mg/kg	0.10	0.18	0.96	0.36	0.45	0.68	0.69	0.64	< 0.10	0.20
Nickel	M	2450	mg/kg	0.50	47	57	24	26	46	40	47	30	27
Lead	M	2450	mg/kg	0.50	310	2300	130	340	150	230	670	24	360
Selenium	M	2450	mg/kg	0.20	0.24	< 0.20	0.43	0.50	0.20	0.47	0.36	< 0.20	0.41
Zinc	M	2450	mg/kg	0.50	620	430	110	220	630	390	1000	47	110
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20	0.90	5.6	1.9	8.4	0.88	2.5	2.2	< 0.20	1.7
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	< 1.0	42	< 1.0	22	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	15	200	46	120	< 1.0	14	41	< 1.0	82

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.: 21-12074											
Quotation No.: Q21-22622		Chemtest Sample ID.: 1179915 1179916 1179917 1179919 1179920 1179922 1179923 1179924 1179926											
Order No.:		Client Sample Ref.: TP106 TP107 TP108 TP109 TP109 TP110 TP110 TP111 TP112											
		Sample Type: SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL											
		Top Depth (m): 3 1.2 0.4 2.2 3.4 1.05 2.3 1.4 2											
		Date Sampled: 07-Apr-2021 06-Apr-2021 06-Apr-2021 06-Apr-2021 06-Apr-2021 01-Apr-2021 01-Apr-2021 01-Apr-2021 01-Apr-2021											
		Asbestos Lab: COVENTRY COVENTRY COVENTRY COVENTRY COVENTRY COVENTRY COVENTRY COVENTRY COVENTRY COVENTRY											
Determinand	Accred.	SOP	Units	LOD									
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	54	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	15	290	46	140	< 5.0	14	41	< 5.0	82
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	17	< 1.0	10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	170	25	67	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	21	1100	160	360	< 1.0	10	< 1.0	< 1.0	67
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	100	3400	430	1200	< 1.0	61	9.3	< 1.0	250
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	370	33	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	120	5100	650	1600	< 5.0	71	9.3	< 5.0	310
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	140	5400	700	1800	< 10	86	50	< 10	390
Naphthalene	M	2700	mg/kg	0.10	0.90	2.4	1.6	0.99	< 0.10	0.73	0.88	< 0.10	< 0.10
Acenaphthylene	M	2700	mg/kg	0.10	0.57	5.2	5.3	0.60	< 0.10	0.32	1.1	< 0.10	< 0.10
Acenaphthene	M	2700	mg/kg	0.10	0.44	5.0	8.8	0.58	< 0.10	0.19	0.15	< 0.10	< 0.10
Fluorene	M	2700	mg/kg	0.10	0.49	7.3	11	0.90	< 0.10	0.29	0.32	< 0.10	< 0.10
Phenanthrene	M	2700	mg/kg	0.10	4.7	58	95	7.0	0.44	2.5	2.3	< 0.10	< 0.10
Anthracene	M	2700	mg/kg	0.10	1.3	22	27	3.3	0.13	0.47	0.90	< 0.10	< 0.10
Fluoranthene	M	2700	mg/kg	0.10	11	140	100	20	0.82	3.6	6.8	0.27	0.86
Pyrene	M	2700	mg/kg	0.10	10	130	97	21	0.75	3.5	6.7	0.31	0.96
Benzo[a]anthracene	M	2700	mg/kg	0.10	6.2	67	57	10	0.52	1.6	5.0	< 0.10	< 0.10
Chrysene	M	2700	mg/kg	0.10	5.3	54	50	8.0	0.79	1.8	4.8	< 0.10	< 0.10
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	9.6	110	64	8.6	0.42	2.9	8.2	< 0.10	< 0.10
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	4.0	41	26	5.1	0.59	1.6	3.0	< 0.10	< 0.10
Benzo[a]pyrene	M	2700	mg/kg	0.10	7.6	85	50	8.3	0.45	1.8	6.1	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	5.6	58	34	5.8	0.40	1.4	5.7	< 0.10	< 0.10
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	1.4	15	9.6	1.9	0.33	0.66	1.5	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	5.1	50	29	5.6	0.33	1.4	5.2	< 0.10	< 0.10
Total Of 16 PAH's	M	2700	mg/kg	2.0	74	850	670	110	6.0	25	59	< 2.0	< 2.0
Dichlorodifluoromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	M	2760	µg/kg	20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179915	1179916	1179917	1179919	1179920	1179922	1179923	1179924	1179926	
Order No.:		Client Sample Ref.:		TP106	TP107	TP108	TP109	TP109	TP110	TP110	TP111	TP112	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		3	1.2	0.4	2.2	3.4	1.05	2.3	1.4	2	
		Date Sampled:		07-Apr-2021	06-Apr-2021	06-Apr-2021	06-Apr-2021	06-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD									
Bromochloromethane	U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene	N	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	M	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Toluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane	M	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Tetrachloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane	U	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	M	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
N-Propylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179915	1179916	1179917	1179919	1179920	1179922	1179923	1179924	1179926	
Order No.:		Client Sample Ref.:		TP106	TP107	TP108	TP109	TP109	TP110	TP110	TP111	TP112	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		3	1.2	0.4	2.2	3.4	1.05	2.3	1.4	2	
		Date Sampled:		07-Apr-2021	06-Apr-2021	06-Apr-2021	06-Apr-2021	06-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD									
N-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachloroethane	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Nitrobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isophorone	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthalene	M	2790	mg/kg	0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobutadiene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylnaphthalene	M	2790	mg/kg	0.50	< 0.50	1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chloronaphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthylene	M	2790	mg/kg	0.50	< 0.50	3.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dimethylphthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.: 21-12074											
Quotation No.: Q21-22622		Chemtest Sample ID.:											
Order No.:		Client Sample Ref.:											
		Sample Type:											
		Top Depth (m):											
		Date Sampled:											
		Asbestos Lab:											
Determinand	Accred.	SOP	Units	LOD	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
2,6-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthene	M	2790	mg/kg	0.50	< 0.50	1.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
3-Nitroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenzofuran	M	2790	mg/kg	0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chlorophenylphenylether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorene	M	2790	mg/kg	0.50	< 0.50	2.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Diethyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Azobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenanthrene	M	2790	mg/kg	0.50	3.3	33	21	1.4	< 0.50	25	2.6	< 0.50	< 0.50
Anthracene	M	2790	mg/kg	0.50	1.0	12	5.7	< 0.50	< 0.50	0.76	0.99	< 0.50	< 0.50
Carbazole	M	2790	mg/kg	0.50	< 0.50	1.9	1.4	< 0.50	< 0.50	2.1	< 0.50	< 0.50	< 0.50
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluoranthene	M	2790	mg/kg	0.50	9.5	87	36	4.4	< 0.50	30	7.4	< 0.50	< 0.50
Pyrene	M	2790	mg/kg	0.50	8.1	70	28	3.6	< 0.50	23	6.0	< 0.50	< 0.50
Butylbenzyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]anthracene	M	2790	mg/kg	0.50	5.3	45	16	2.1	< 0.50	5.3	5.0	< 0.50	< 0.50
Chrysene	M	2790	mg/kg	0.50	5.4	39	15	2.1	< 0.50	15	5.0	< 0.50	< 0.50
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[b]fluoranthene	M	2790	mg/kg	0.50	8.1	53	18	3.1	< 0.50	15	8.2	< 0.50	< 0.50
Benzo[k]fluoranthene	M	2790	mg/kg	0.50	3.0	19	6.8	1.1	< 0.50	4.3	2.8	< 0.50	< 0.50
Benzo[a]pyrene	M	2790	mg/kg	0.50	7.0	43	15	2.5	< 0.50	7.5	6.3	< 0.50	< 0.50
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50	4.0	22	8.0	1.4	< 0.50	4.3	4.5	< 0.50	< 0.50
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50	1.1	6.5	2.2	< 0.50	< 0.50	1.3	1.1	< 0.50	< 0.50
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50	4.7	24	8.7	1.7	< 0.50	4.8	5.6	< 0.50	< 0.50
PCB 28	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 52	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 90+101	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 118	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 153	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 138	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 180	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)	U	2815	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd	Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622	Chemtest Sample ID.:		1179915	1179916	1179917	1179919	1179920	1179922	1179923	1179924	1179926	
Order No.:	Client Sample Ref.:		TP106	TP107	TP108	TP109	TP109	TP110	TP110	TP111	TP112	
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Top Depth (m):		3	1.2	0.4	2.2	3.4	1.05	2.3	1.4	2	
	Date Sampled:		07-Apr-2021	06-Apr-2021	06-Apr-2021	06-Apr-2021	06-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	
	Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD								
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179929	1179930	1179931	1179932	1179933	1179934	1179935	1179936	1179937	
Order No.:		Client Sample Ref.:		TP113	TP113	TP114	TP114	TP114	TP115	TP115	TP116	TP116	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		1.6	3	0.3	3	3.8	1.2	2.7	1.3	2.1	
		Date Sampled:		01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	31-Mar-2021	31-Mar-2021	
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A	-	-	-	-	-	-	-	Board	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	Amosite	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-	-	-	-	-	-	-	Stereo Microscopy	-
Asbestos by Gravimetry	U	2192	%	0.001								0.018	
Total Asbestos	U	2192	%	0.001								0.018	
Moisture	N	2030	%	0.020	60	3.5	22	22	11	31	14	2.3	0.71
pH	M	2010		4.0	7.6	7.9	8.2	I/S	8.5	8.0	10.1	8.8	8.4
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	0.50	1.1	0.42	I/S	1.6	0.52	0.44	< 0.40	0.41
Magnesium (Water Soluble)	N	2120	g/l	0.010	0.015	0.015	< 0.010	I/S	< 0.010	< 0.010	< 0.010	0.013	< 0.010
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.25	0.40	0.043	I/S	0.032	0.13	0.25	0.47	0.23
Total Sulphur	M	2175	%	0.010	0.57	0.41	0.38	I/S	0.050	0.22	0.29	0.18	0.26
Cyanide (Complex)	M	2300	mg/kg	0.50	5.8	3.8	0.60	I/S	1.2	6.2	1.6	[B] 1.0	[B] 1.0
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	I/S	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	5.8	3.8	0.60	I/S	1.2	6.2	1.6	[B] 1.0	[B] 1.0
Thiocyanate	M	2300	mg/kg	5.0	< 5.0	< 5.0	< 5.0	I/S	< 5.0	< 5.0	< 5.0	[B] < 5.0	[B] < 5.0
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	53	5.9	5.3	I/S	4.9	70	75	76	34
Aluminium (Total)	N	2430	mg/kg	100	14000	19000	13000	I/S	7600	13000	16000	9300	10000
Arsenic	M	2450	mg/kg	1.0	29	32	20	I/S	12	18	21	12	15
Beryllium	U	2450	mg/kg	1.0	< 1.0	3.1	1.0	I/S	< 1.0	< 1.0	1.5	< 1.0	< 1.0
Cadmium	M	2450	mg/kg	0.10	6.0	57	1.8	I/S	0.28	1.2	< 0.10	< 0.10	< 0.10
Chromium	M	2450	mg/kg	1.0	51	42	26	I/S	19	38	30	110	27
Tin	N	2450	mg/kg	5.0	650	300	29	I/S	22	330	84	63	41
Copper	M	2450	mg/kg	0.50	140	100	27	I/S	20	140	35	35	38
Mercury	M	2450	mg/kg	0.10	0.26	1.5	0.43	I/S	0.20	0.37	0.15	0.16	0.35
Nickel	M	2450	mg/kg	0.50	100	63	26	I/S	20	37	30	14	22
Lead	M	2450	mg/kg	0.50	380	340	90	I/S	62	910	190	83	170
Selenium	M	2450	mg/kg	0.20	0.70	2.9	0.51	I/S	0.33	0.34	< 0.20	< 0.20	0.27
Zinc	M	2450	mg/kg	0.50	1100	350	100	I/S	65	1000	150	95	170
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	I/S	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20	28	7.0	1.4	I/S	1.4	4.1	1.2	0.20	0.96
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] 22	[B] < 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] 17	[B] < 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	18	[B] 15	[B] < 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	100	< 1.0	87	[B] 32	[B] < 1.0
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	< 1.0	26	61	6.0	1700	15	250	[B] 210	[B] 6.9

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179929	1179930	1179931	1179932	1179933	1179934	1179935	1179936	1179937	
Order No.:		Client Sample Ref.:		TP113	TP113	TP114	TP114	TP114	TP115	TP115	TP116	TP116	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		1.6	3	0.3	3	3.8	1.2	2.7	1.3	2.1	
		Date Sampled:		01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	31-Mar-2021	31-Mar-2021	
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD									
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	97	< 1.0	41	[B] < 1.0	[B] < 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	26	61	6.0	1900	15	390	[B] 300	[B] 6.9
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] 11	[B] < 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	30	< 1.0	120	[B] 52	[B] < 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	< 1.0	2.4	6.7	5.1	120	17	970	[B] 180	[B] 4.2
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	< 1.0	29	31	25	1200	74	2600	[B] 590	[B] 24
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	220	< 1.0	200	[B] 72	[B] < 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	32	37	31	1500	91	3900	[B] 900	[B] 28
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	< 10	57	98	37	3400	110	4300	[B] 1200	[B] 35
Naphthalene	M	2700	mg/kg	0.10	< 0.10	2.9	< 0.10	I/S	9.6	1.5	1.6	0.88	0.68
Acenaphthylene	M	2700	mg/kg	0.10	< 0.10	0.75	< 0.10	I/S	2.6	0.44	0.73	0.25	0.32
Acenaphthene	M	2700	mg/kg	0.10	< 0.10	2.0	< 0.10	I/S	19	0.70	2.1	0.14	0.28
Fluorene	M	2700	mg/kg	0.10	< 0.10	2.4	< 0.10	I/S	20	0.99	3.4	0.18	0.33
Phenanthrene	M	2700	mg/kg	0.10	< 0.10	11	1.7	I/S	55	6.2	16	0.76	2.5
Anthracene	M	2700	mg/kg	0.10	< 0.10	3.1	0.53	I/S	15	1.9	3.3	0.19	0.79
Fluoranthene	M	2700	mg/kg	0.10	0.67	13	4.5	I/S	37	11	19	1.5	4.7
Pyrene	M	2700	mg/kg	0.10	0.85	13	4.7	I/S	34	12	17	1.5	4.5
Benzo[a]anthracene	M	2700	mg/kg	0.10	< 0.10	6.0	2.8	I/S	13	5.4	8.1	0.90	2.5
Chrysene	M	2700	mg/kg	0.10	< 0.10	6.9	2.8	I/S	12	5.4	7.8	0.77	2.3
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	< 0.10	9.0	4.2	I/S	13	7.5	6.5	1.2	2.8
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	< 0.10	2.6	1.6	I/S	5.7	3.0	5.1	0.70	1.7
Benzo[a]pyrene	M	2700	mg/kg	0.10	< 0.10	4.8	2.9	I/S	11	5.4	7.7	0.89	2.4
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	< 0.10	3.8	2.6	I/S	7.0	4.5	4.7	0.60	1.8
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	< 0.10	2.3	0.55	I/S	1.7	0.72	2.0	0.36	0.97
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	< 0.10	3.8	2.0	I/S	6.2	3.7	4.8	0.65	1.6
Total Of 16 PAH's	M	2700	mg/kg	2.0	< 2.0	87	31	I/S	260	70	110	12	30
Dichlorodifluoromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Chloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Vinyl Chloride	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Bromomethane	M	2760	µg/kg	20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	[B] < 20	[B] < 20
Chloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	[B] < 2.0	[B] < 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179929	1179930	1179931	1179932	1179933	1179934	1179935	1179936	1179937	
Order No.:		Client Sample Ref.:		TP113	TP113	TP114	TP114	TP114	TP115	TP115	TP116	TP116	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		1.6	3	0.3	3	3.8	1.2	2.7	1.3	2.1	
		Date Sampled:		01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	31-Mar-2021	31-Mar-2021	
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD									
Bromochloromethane	U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	[B] < 5.0	[B] < 5.0
Trichloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Tetrachloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Benzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	[B] < 2.0	[B] < 2.0
Trichloroethene	N	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Dibromomethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Bromodichloromethane	M	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	[B] < 5.0	[B] < 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	[B] < 10	[B] < 10
Toluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	[B] < 10	[B] < 10
1,1,2-Trichloroethane	M	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	[B] < 10	[B] < 10
Tetrachloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	[B] < 2.0	[B] < 2.0
Dibromochloromethane	U	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	[B] < 10	[B] < 10
1,2-Dibromoethane	M	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	[B] < 5.0	[B] < 5.0
Chlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	[B] < 2.0	[B] < 2.0
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
o-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Styrene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Tribromomethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Isopropylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Bromobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	[B] < 50	[B] < 50
N-Propylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179929	1179930	1179931	1179932	1179933	1179934	1179935	1179936	1179937	
Order No.:		Client Sample Ref.:		TP113	TP113	TP114	TP114	TP114	TP115	TP115	TP116	TP116	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		1.6	3	0.3	3	3.8	1.2	2.7	1.3	2.1	
		Date Sampled:		01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	31-Mar-2021	31-Mar-2021	
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD									
N-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	[B] < 50	[B] < 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	[B] < 2.0	[B] < 2.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[B] < 1.0	[B] < 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Phenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
2-Chlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
1,3-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
1,2-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
2-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Hexachloroethane	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
4-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Nitrobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Isophorone	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
2,4-Dichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Naphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	11	< 0.50	2.7	[B] < 0.50	[B] < 0.50
4-Chloroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Hexachlorobutadiene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
2-Methylnaphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	4.5	< 0.50	0.86	[B] < 0.50	[B] < 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
2-Chloronaphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
2-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Acenaphthylene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.71	< 0.50	0.86	[B] < 0.50	[B] < 0.50
Dimethylphthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.: 21-12074											
Quotation No.: Q21-22622		Chemtest Sample ID.:											
Order No.:		Client Sample Ref.:											
		Sample Type:											
		Top Depth (m):											
		Date Sampled:											
		Asbestos Lab:											
Determinand	Accred.	SOP	Units	LOD									
2,6-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50
Acenaphthene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.7	< 0.50	4.0	[B] < 0.50	[B] < 0.50
3-Nitroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Dibenzofuran	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.3	< 0.50	3.7	[B] < 0.50	[B] < 0.50
4-Chlorophenylphenylether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
2,4-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Fluorene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.5	< 0.50	6.0	[B] < 0.50	[B] < 0.50
Diethyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
4-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Azobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Hexachlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Phenanthrene	M	2790	mg/kg	0.50	< 0.50	3.8	4.7	0.78	9.3	3.3	32	[B] 0.92	[B] 0.65
Anthracene	M	2790	mg/kg	0.50	< 0.50	1.4	1.2	< 0.50	2.3	0.88	8.8	[B] < 0.50	[B] < 0.50
Carbazole	M	2790	mg/kg	0.50	< 0.50	0.60	< 0.50	< 0.50	1.2	< 0.50	3.7	[B] < 0.50	[B] < 0.50
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Fluoranthene	M	2790	mg/kg	0.50	< 0.50	4.3	8.2	5.2	13	6.2	37	[B] 2.5	[B] 2.1
Pyrene	M	2790	mg/kg	0.50	< 0.50	3.2	6.2	4.7	10	4.9	27	[B] 2.1	[B] 1.7
Butylbenzyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Benzo[a]anthracene	M	2790	mg/kg	0.50	< 0.50	1.8	3.8	2.1	5.9	3.3	15	[B] 1.5	[B] 1.1
Chrysene	M	2790	mg/kg	0.50	< 0.50	1.8	3.3	2.2	5.9	3.0	15	[B] 1.5	[B] 1.1
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50
Benzo[b]fluoranthene	M	2790	mg/kg	0.50	< 0.50	2.2	4.2	3.2	7.6	4.4	17	[B] 2.4	[B] 1.7
Benzo[k]fluoranthene	M	2790	mg/kg	0.50	< 0.50	0.68	1.4	1.1	2.8	1.6	6.1	[B] 0.82	[B] 0.61
Benzo[a]pyrene	M	2790	mg/kg	0.50	< 0.50	1.7	3.5	2.7	6.1	3.5	15	[B] 1.9	[B] 1.4
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50	< 0.50	0.93	1.9	1.3	3.6	2.0	7.7	[B] 1.2	[B] 0.81
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.85	< 0.50	1.7	[B] < 0.50	[B] < 0.50
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50	< 0.50	1.1	1.9	1.7	4.2	2.2	9.1	[B] 1.4	[B] 1.0
PCB 28	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.029	< 0.010	< 0.010	< 0.010
PCB 52	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.72	< 0.010	< 0.010	< 0.010
PCB 90+101	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	1.8	< 0.010	< 0.010	< 0.010
PCB 118	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	1.3	< 0.010	< 0.010	< 0.010
PCB 153	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	1.2	< 0.010	< 0.010	< 0.010
PCB 138	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	1.8	< 0.010	< 0.010	< 0.010
PCB 180	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.36	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)	U	2815	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	7.1	< 0.10	< 0.10	< 0.10

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd	Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622	Chemtest Sample ID.:		1179929	1179930	1179931	1179932	1179933	1179934	1179935	1179936	1179937	
Order No.:	Client Sample Ref.:		TP113	TP113	TP114	TP114	TP114	TP115	TP115	TP116	TP116	
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Top Depth (m):		1.6	3	0.3	3	3.8	1.2	2.7	1.3	2.1	
	Date Sampled:		01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	01-Apr-2021	31-Mar-2021	31-Mar-2021	
	Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD								
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179938	1179939	1179941	1179942	
Order No.:		Client Sample Ref.:		TP117	TP117	TP131	TP131	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		1.1	2.8	0.3	1.5	
		Date Sampled:		31-Mar-2021	31-Mar-2021	06-Mar-2021	06-Mar-2021	
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD				
ACM Type	U	2192		N/A	Fibres/Clumps	-	-	-
Asbestos Identification	U	2192		N/A	Chrysotile	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	Stereo Microscopy	-	-	-
Asbestos by Gravimetry	U	2192	%	0.001	0.002			
Total Asbestos	U	2192	%	0.001	0.002			
Moisture	N	2030	%	0.020	12	17	18	2.1
pH	M	2010		4.0	8.5	8.7	[B] 9.0	[B] 8.5
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	< 0.40	1.2	[B] < 0.40	[B] 0.85
Magnesium (Water Soluble)	N	2120	g/l	0.010	< 0.010	< 0.010	[B] < 0.010	[B] < 0.010
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.11	0.099	[B] 0.039	[B] 0.090
Total Sulphur	M	2175	%	0.010	0.10	0.056	[B] 0.24	[B] 0.062
Cyanide (Complex)	M	2300	mg/kg	0.50	[B] 0.90	[B] 0.60	[B] 0.60	[B] 0.70
Cyanide (Free)	M	2300	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	[B] 0.90	[B] 0.60	[B] 0.60	[B] 0.70
Thiocyanate	M	2300	mg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	34	33	[B] 17	[B] 17
Aluminium (Total)	N	2430	mg/kg	100	11000	12000	[B] 21000	[B] 13000
Arsenic	M	2450	mg/kg	1.0	29	22	26	19
Beryllium	U	2450	mg/kg	1.0	< 1.0	1.3	2.4	1.2
Cadmium	M	2450	mg/kg	0.10	0.16	< 0.10	< 0.10	< 0.10
Chromium	M	2450	mg/kg	1.0	38	26	67	36
Tin	N	2450	mg/kg	5.0	29	6.4	13	71
Copper	M	2450	mg/kg	0.50	46	25	82	43
Mercury	M	2450	mg/kg	0.10	0.13	0.58	0.35	0.69
Nickel	M	2450	mg/kg	0.50	35	30	29	30
Lead	M	2450	mg/kg	0.50	100	190	180	510
Selenium	M	2450	mg/kg	0.20	< 0.20	0.22	< 0.20	0.26
Zinc	M	2450	mg/kg	0.50	120	91	140	160
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20	1.2	0.81	[B] 2.2	[B] 0.65
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] 45	[B] 33
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] 33	[B] 26
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] 31	[B] 25
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] 30	[B] 25
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	[B] < 1.0	[B] 5.2	[B] 44	[B] 27

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074	
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179938	1179939	1179941	1179942	
Order No.:		Client Sample Ref.:		TP117	TP117	TP131	TP131	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		1.1	2.8	0.3	1.5	
		Date Sampled:		31-Mar-2021	31-Mar-2021	06-Mar-2021	06-Mar-2021	
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD				
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] 25	[B] 21
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	[B] < 5.0	[B] 5.2	[B] 210	[B] 160
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] 27	[B] 23
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] 30	[B] 25
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] 35	[B] 28
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] 32	[B] 26
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] 49	[B] 36
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	[B] < 1.0	[B] 3.4	[B] 91	[B] 55
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	[B] 25	[B] 19	[B] 360	[B] 75
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] 51	[B] 24
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	[B] 25	[B] 22	[B] 680	[B] 290
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	[B] 25	[B] 28	[B] 890	[B] 450
Naphthalene	M	2700	mg/kg	0.10	0.35	< 0.10	[B] 1.3	[B] 1.1
Acenaphthylene	M	2700	mg/kg	0.10	0.27	< 0.10	[B] 2.6	[B] 2.2
Acenaphthene	M	2700	mg/kg	0.10	0.13	< 0.10	[B] 3.1	[B] 1.2
Fluorene	M	2700	mg/kg	0.10	0.16	< 0.10	[B] 5.3	[B] 2.7
Phenanthrene	M	2700	mg/kg	0.10	2.0	3.9	[B] 34	[B] 23
Anthracene	M	2700	mg/kg	0.10	0.55	1.0	[B] 11	[B] 6.8
Fluoranthene	M	2700	mg/kg	0.10	4.6	8.7	[B] 59	[B] 42
Pyrene	M	2700	mg/kg	0.10	4.5	8.2	[B] 55	[B] 39
Benzo[a]anthracene	M	2700	mg/kg	0.10	2.5	4.3	[B] 25	[B] 19
Chrysene	M	2700	mg/kg	0.10	1.8	4.5	[B] 22	[B] 17
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	2.9	6.9	[B] 31	[B] 22
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	1.6	2.6	[B] 12	[B] 9.4
Benzo[a]pyrene	M	2700	mg/kg	0.10	2.4	5.1	[B] 25	[B] 17
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	1.8	4.1	[B] 19	[B] 12
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	0.67	0.85	[B] 3.7	[B] 3.8
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	2.1	3.4	[B] 17	[B] 9.8
Total Of 16 PAH's	M	2700	mg/kg	2.0	28	54	[B] 330	[B] 230
Dichlorodifluoromethane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Chloromethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Vinyl Chloride	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromomethane	M	2760	µg/kg	20	[B] < 20	[B] < 20	[B] < 20	[B] < 20
Chloroethane	U	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloroethene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179938	1179939	1179941	1179942
Order No.:		Client Sample Ref.:		TP117	TP117	TP131	TP131
		Sample Type:		SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		1.1	2.8	0.3	1.5
		Date Sampled:		31-Mar-2021	31-Mar-2021	06-Mar-2021	06-Mar-2021
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD			
Bromochloromethane	U	2760	µg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Trichloromethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Tetrachloromethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Benzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Trichloroethene	N	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Dibromomethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromodichloromethane	M	2760	µg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	[B] < 10	[B] < 10	[B] < 10
Toluene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	[B] < 10	[B] < 10	[B] < 10
1,1,2-Trichloroethane	M	2760	µg/kg	10	[B] < 10	[B] < 10	[B] < 10
Tetrachloroethene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Dibromochloromethane	U	2760	µg/kg	10	[B] < 10	[B] < 10	[B] < 10
1,2-Dibromoethane	M	2760	µg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Chlorobenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Ethylbenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
m & p-Xylene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
o-Xylene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Styrene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Tribromomethane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Isopropylbenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromobenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	[B] < 50	[B] < 50	[B] < 50
N-Propylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179938	1179939	1179941	1179942
Order No.:		Client Sample Ref.:		TP117	TP117	TP131	TP131
		Sample Type:		SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		1.1	2.8	0.3	1.5
		Date Sampled:		31-Mar-2021	31-Mar-2021	06-Mar-2021	06-Mar-2021
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD			
N-Butylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	[B] < 50	[B] < 50	[B] < 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Phenol	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Chlorophenol	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
1,3-Dichlorobenzene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
1,2-Dichlorobenzene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Methylphenol	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Hexachloroethane	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Methylphenol	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Nitrobenzene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Isophorone	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2,4-Dichlorophenol	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Naphthalene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Chloroaniline	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Hexachlorobutadiene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Methylnaphthalene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Chloronaphthalene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Nitroaniline	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Acenaphthylene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Dimethylphthalate	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622		Chemtest Sample ID.:		1179938	1179939	1179941	1179942
Order No.:		Client Sample Ref.:		TP117	TP117	TP131	TP131
		Sample Type:		SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		1.1	2.8	0.3	1.5
		Date Sampled:		31-Mar-2021	31-Mar-2021	06-Mar-2021	06-Mar-2021
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD			
2,6-Dinitrotoluene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Acenaphthene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
3-Nitroaniline	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Dibenzofuran	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Chlorophenylphenylether	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2,4-Dinitrotoluene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Fluorene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Diethyl Phthalate	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Nitroaniline	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Azobenzene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Hexachlorobenzene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Phenanthrene	M	2790	mg/kg	0.50	[B] 0.90	[B] 0.63	[B] 4.3
Anthracene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] 1.7
Carbazole	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Fluoranthene	M	2790	mg/kg	0.50	[B] 2.4	[B] 2.1	[B] 7.0
Pyrene	M	2790	mg/kg	0.50	[B] 1.9	[B] 1.7	[B] 5.7
Butylbenzyl Phthalate	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Benzo[a]anthracene	M	2790	mg/kg	0.50	[B] 1.1	[B] 1.1	[B] 3.1
Chrysene	M	2790	mg/kg	0.50	[B] 1.2	[B] 1.3	[B] 2.9
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Benzo[b]fluoranthene	M	2790	mg/kg	0.50	[B] 1.5	[B] 1.8	[B] 4.1
Benzo[k]fluoranthene	M	2790	mg/kg	0.50	[B] 0.58	[B] 0.64	[B] 1.5
Benzo[a]pyrene	M	2790	mg/kg	0.50	[B] 1.2	[B] 1.3	[B] 3.7
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50	[B] 0.71	[B] 0.87	[B] 2.2
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50	[B] 0.83	[B] 1.1	[B] 2.8
PCB 28	U	2815	mg/kg	0.010	< 0.010	< 0.010	[B] < 0.010
PCB 52	U	2815	mg/kg	0.010	< 0.010	< 0.010	[B] < 0.010
PCB 90+101	U	2815	mg/kg	0.010	< 0.010	< 0.010	[B] < 0.010
PCB 118	U	2815	mg/kg	0.010	< 0.010	< 0.010	[B] < 0.010
PCB 153	U	2815	mg/kg	0.010	< 0.010	< 0.010	[B] < 0.010
PCB 138	U	2815	mg/kg	0.010	< 0.010	< 0.010	[B] < 0.010
PCB 180	U	2815	mg/kg	0.010	< 0.010	< 0.010	[B] < 0.010
Total PCBs (7 Congeners)	U	2815	mg/kg	0.10	< 0.10	< 0.10	[B] < 0.10

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd	Chemtest Job No.:		21-12074	21-12074	21-12074	21-12074
Quotation No.: Q21-22622	Chemtest Sample ID.:		1179938	1179939	1179941	1179942
Order No.:	Client Sample Ref.:		TP117	TP117	TP131	TP131
	Sample Type:		SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		1.1	2.8	0.3	1.5
	Date Sampled:		31-Mar-2021	31-Mar-2021	06-Mar-2021	06-Mar-2021
	Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD		
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30

Deviations

In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request. The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1179936	TP116			31-Mar-2021	B	Amber Glass 250ml
1179936	TP116			31-Mar-2021	B	Plastic Tub 500g
1179937	TP116			31-Mar-2021	B	Amber Glass 250ml
1179937	TP116			31-Mar-2021	B	Plastic Tub 500g
1179938	TP117			31-Mar-2021	B	Amber Glass 250ml
1179938	TP117			31-Mar-2021	B	Plastic Tub 500g
1179939	TP117			31-Mar-2021	B	Amber Glass 250ml
1179939	TP117			31-Mar-2021	B	Plastic Tub 500g
1179941	TP131			06-Mar-2021	B	Amber Glass 250ml
1179941	TP131			06-Mar-2021	B	Plastic Tub 500g
1179942	TP131			06-Mar-2021	B	Amber Glass 250ml
1179942	TP131			06-Mar-2021	B	Plastic Tub 500g

Test Methods

SOP	Title	Parameters included	Method summary
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2010	pH Value of Soils	pH	pH Meter
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2175	Total Sulphur in Soils	Total Sulphur	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2680	TPH A/A Split	Aliphatics: >C5-C6, >C6-C8,>C8-C10, >C10-C12, >C12-C16, >C16-C21, >C21-C35, >C35- C44Aromatics: >C5-C7, >C7-C8, >C8- C10, >C10-C12, >C12-C16, >C16- C21, >C21- C35, >C35- C44	Dichloromethane extraction / GCxGC FID detection
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)

Test Methods

SOP	Title	Parameters included	Method summary
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.com



Final Report

Report No.: 21-12086-1
Initial Date of Issue: 23-Apr-2021
Client: Idom Merebrook Ltd
Client Address: No 1 St Ann Street
Manchester
M2 7LR
Contact(s): Charlie Oliveira
Project: 22281 Princes Parade
Quotation No.: Q21-22622
Date Received: 15-Apr-2021
Order No.:
Date Instructed: 15-Apr-2021
No. of Samples: 9
Turnaround (Wkdays): 5
Results Due: 21-Apr-2021
Date Approved: 23-Apr-2021

Approved By:



Details: Glynn Harvey, Technical Manager

Results - Leachate

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:												
Quotation No.: Q21-22622		Chemtest Sample ID.:												
Order No.:		Client Sample Ref.:												
		Sample Type:												
		Top Depth (m):												
		Date Sampled:												
Determinand	Accred.	SOP	Type	Units	LOD	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086
Aluminium (Dissolved)	N	1455	10:1	µg/l	5.0	26	8.3	79	55	68	53	46	150	33
Cadmium (Dissolved)	U	1455	10:1	µg/l	0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Cobalt (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chromium (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	0.84	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Copper (Dissolved)	U	1455	10:1	µg/l	0.50	0.99	0.52	3.3	1.6	1.4	0.68	< 0.50	0.73	0.54
Manganese (Dissolved)	U	1455	10:1	µg/l	0.50	1.0	1.0	2.1	0.98	2.3	1.5	1.8	< 0.50	13
Nickel (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	0.82	0.89	0.92	< 0.50	< 0.50	0.69
Lead (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	2.9	0.72	1.7	1.9	< 0.50	0.65	< 0.50
Zinc (Dissolved)	U	1455	10:1	µg/l	3.0	< 3.0	< 3.0	18	< 3.0	< 3.0	6.1	< 3.0	< 3.0	7.1
Iron (Dissolved)	N	1455	10:1	µg/l	5.0	14	67	25	96	120	51	72	65	34
Naphthalene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	N	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	1700	10:1	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.: 21-12086											
Quotation No.: Q21-22622		Chemtest Sample ID.:											
Order No.:		Client Sample Ref.:											
		Sample Type:											
		Top Depth (m):											
		Date Sampled:											
		Asbestos Lab:											
Determinand	Accred.	SOP	Units	LOD	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086
ACM Type	U	2192		N/A	Fibres/Clumps	-	-	-	-	-	-	-	-
Asbestos Identification	U	2192		N/A	Chrysotile	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	Stereo Microscopy	-	-	-	-	-	-	-	-
Asbestos by Gravimetry	U	2192	%	0.001	<0.001								
Asbestos By Fibre Counting	U	2192	%	0.001	<0.001								
Total Asbestos	U	2192	%	0.001	<0.001								
Moisture	N	2030	%	0.020	16	16	18	20	10	30	14	21	20
pH	M	2010		4.0	10.0	8.2	8.2	8.4	8.4	7.1	8.6	7.8	8.0
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	1.3	3.7	2.4	1.8	1.3	3.5	1.2	1.3	2.5
Magnesium (Water Soluble)	N	2120	g/l	0.010	< 0.010	0.015	0.021	< 0.010	< 0.010	0.033	< 0.010	0.018	0.014
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.59	0.46	0.52	0.030	0.033	0.89	0.027	0.59	0.60
Total Sulphur	M	2175	%	0.010	0.19	< 0.010	0.23	0.12	0.045	5.8	< 0.010	0.19	0.099
Cyanide (Complex)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 0.50
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 0.50
Thiocyanate	M	2300	mg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	52	7.3	19	5.5	7.2	9.5	40	9.3	49
Aluminium (Total)	N	2430	mg/kg	100	15000	16000	26000	10000	9900	25000	17000	12000	4000
Arsenic	M	2450	mg/kg	1.0	39	28	75	30	41	520	36	25	11
Beryllium	U	2450	mg/kg	1.0	1.8	1.9	5.8	1.5	1.2	13	2.4	1.7	< 1.0
Cadmium	M	2450	mg/kg	0.10	0.45	0.15	3.4	0.53	0.25	1.2	0.25	< 0.10	< 0.10
Chromium	M	2450	mg/kg	1.0	41	46	110	41	32	55	40	60	10
Tin	N	2450	mg/kg	5.0	25	< 5.0	660	26	13	36	5.4	260	7.2
Copper	M	2450	mg/kg	0.50	62	20	940	56	36	270	28	180	12
Mercury	M	2450	mg/kg	0.10	0.60	0.25	0.61	1.1	0.34	1.0	0.22	0.42	< 0.10
Nickel	M	2450	mg/kg	0.50	39	49	100	33	33	220	32	70	10
Lead	M	2450	mg/kg	0.50	170	82	2300	230	220	1100	150	340	22
Selenium	M	2450	mg/kg	0.20	< 0.20	0.42	< 0.20	0.51	< 0.20	12	< 0.20	0.34	< 0.20
Zinc	M	2450	mg/kg	0.50	270	79	3200	230	110	600	94	250	23
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20	2.3	0.90	9.7	2.3	1.6	23	1.5	2.1	1.7
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	3.0	17	6.7	< 1.0	12	< 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:											
Quotation No.: Q21-22622		Chemtest Sample ID.:											
Order No.:		Client Sample Ref.:											
		Sample Type:											
		Top Depth (m):											
		Date Sampled:											
		Asbestos Lab:											
Determinand	Accred.	SOP	Units	LOD	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	12	180	26	< 1.0	98	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	45	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	15	240	33	< 5.0	110	< 5.0	< 5.0	< 5.0	< 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	58	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	3.2	54	50	18	290	< 1.0	8.6	21	< 1.0
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	37	470	170	190	800	< 1.0	110	200	< 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	350	< 1.0	< 1.0	59	< 1.0	< 1.0	< 1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	40	870	220	210	1200	< 5.0	110	220	< 5.0
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	55	1100	250	210	1300	< 10	110	220	< 10
Naphthalene	M	2700	mg/kg	0.10	< 0.10	< 0.10	0.80	< 0.10	6.7	< 0.10	0.60	< 0.10	< 0.10
Acenaphthylene	M	2700	mg/kg	0.10	< 0.10	< 0.10	1.5	< 0.10	16	< 0.10	2.4	< 0.10	< 0.10
Acenaphthene	M	2700	mg/kg	0.10	< 0.10	< 0.10	0.34	< 0.10	7.7	< 0.10	0.45	< 0.10	< 0.10
Fluorene	M	2700	mg/kg	0.10	< 0.10	< 0.10	1.2	< 0.10	24	< 0.10	1.8	< 0.10	< 0.10
Phenanthrene	M	2700	mg/kg	0.10	1.8	< 0.10	8.4	2.8	180	1.1	16	3.1	4.9
Anthracene	M	2700	mg/kg	0.10	0.38	< 0.10	2.3	0.92	60	0.33	3.6	0.87	0.88
Fluoranthene	M	2700	mg/kg	0.10	5.5	0.76	11	9.5	210	1.3	23	7.3	6.2
Pyrene	M	2700	mg/kg	0.10	4.5	0.96	9.5	8.9	190	1.4	20	7.4	5.6
Benzo[a]anthracene	M	2700	mg/kg	0.10	2.4	< 0.10	4.7	4.5	70	< 0.10	10	4.3	2.6
Chrysene	M	2700	mg/kg	0.10	2.4	< 0.10	4.2	5.2	66	< 0.10	9.3	3.7	2.7
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	4.0	< 0.10	6.3	7.6	76	< 0.10	13	5.2	3.0
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	1.8	< 0.10	3.0	3.9	31	< 0.10	5.3	2.8	1.9
Benzo[a]pyrene	M	2700	mg/kg	0.10	2.8	< 0.10	4.5	5.5	63	< 0.10	9.8	4.1	2.4
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	3.4	< 0.10	3.5	4.6	43	< 0.10	7.1	3.2	1.7
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	0.73	< 0.10	1.3	1.6	12	< 0.10	2.5	1.0	1.1
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	4.9	< 0.10	3.1	5.0	35	< 0.10	6.6	3.3	1.5
Total Of 16 PAH's	M	2700	mg/kg	2.0	35	< 2.0	66	60	1100	4.1	130	46	35
Dichlorodifluoromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	M	2760	µg/kg	20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:											
Quotation No.: Q21-22622		Chemtest Sample ID.:											
Order No.:		Client Sample Ref.:											
		Sample Type:											
		Top Depth (m):											
		Date Sampled:											
		Asbestos Lab:											
Determinand	Accred.	SOP	Units	LOD	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene	N	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	M	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Toluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane	M	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Tetrachloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane	U	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane	M	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
N-Propylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:											
Quotation No.: Q21-22622		Chemtest Sample ID.:											
Order No.:		Client Sample Ref.:											
		Sample Type:											
		Top Depth (m):											
		Date Sampled:											
		Asbestos Lab:											
Determinand	Accred.	SOP	Units	LOD									
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachloroethane	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Nitrobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isophorone	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.77
4-Chloroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobutadiene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylnaphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.7
4-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chloronaphthalene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthylene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.2

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.: 21-12086											
Quotation No.: Q21-22622		Chemtest Sample ID.:											
Order No.:		Client Sample Ref.:											
		Sample Type:											
		Top Depth (m):											
		Date Sampled:											
		Asbestos Lab:											
Determinand	Accred.	SOP	Units	LOD	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086
Dimethylphthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,6-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.3
3-Nitroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenzofuran	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.1
4-Chlorophenylphenylether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	5.6
Diethyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitroaniline	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Azobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobenzene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenanthrene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	1.6	5.2	< 0.50	1.7	0.69	44
Anthracene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.5	< 0.50	< 0.50	< 0.50	9.6
Carbazole	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	3.3
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluoranthene	M	2790	mg/kg	0.50	1.7	2.0	< 0.50	6.7	17	0.93	5.3	1.7	37
Pyrene	M	2790	mg/kg	0.50	1.5	1.9	< 0.50	5.5	15	0.73	4.5	1.4	26
Butylbenzyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]anthracene	M	2790	mg/kg	0.50	0.82	1.3	< 0.50	3.4	8.7	< 0.50	2.9	0.95	13
Chrysene	M	2790	mg/kg	0.50	0.91	1.3	< 0.50	3.7	8.5	< 0.50	2.9	0.95	10
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[b]fluoranthene	M	2790	mg/kg	0.50	1.5	2.0	< 0.50	5.5	11	< 0.50	4.5	1.4	9.9
Benzo[k]fluoranthene	M	2790	mg/kg	0.50	< 0.50	0.68	< 0.50	1.9	4.0	< 0.50	1.6	< 0.50	4.1
Benzo[a]pyrene	M	2790	mg/kg	0.50	1.3	1.7	< 0.50	4.3	9.3	< 0.50	3.6	1.2	8.3
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50	0.79	0.91	< 0.50	2.7	5.4	< 0.50	2.0	< 0.50	3.7
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50	< 0.50	< 0.50	< 0.50	0.69	1.5	< 0.50	< 0.50	< 0.50	1.2
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50	1.0	1.0	< 0.50	3.2	6.0	< 0.50	2.2	< 0.50	3.8
PCB 28	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 52	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 90+101	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 118	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 153	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 138	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 180	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

Results - Soil

Project: 22281 Princes Parade

Client: Idom Merebrook Ltd		Chemtest Job No.:		21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086	21-12086
Quotation No.: Q21-22622		Chemtest Sample ID.:		1180004	1180005	1180006	1180007	1180008	1180009	1180010	1180011	1180012	
Order No.:		Client Sample Ref.:		TP102	TP102	TP102	TP103	TP103	TP103	TP132	TP132	TP132	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		0.8	2.2	2.8	0.3	1	1.5	0.8	2.1	3.1	
		Date Sampled:		08-Apr-2021	08-Apr-2021	08-Apr-2021	08-Apr-2021	08-Apr-2021	08-Apr-2021	08-Apr-2021	08-Apr-2021	08-Apr-2021	
		Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD									
Total PCBs (7 Congeners)	U	2815	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30

Test Methods

SOP	Title	Parameters included	Method summary
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2010	pH Value of Soils	pH	pH Meter
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2175	Total Sulphur in Soils	Total Sulphur	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2680	TPH A/A Split	Aliphatics: >C5-C6, >C6-C8,>C8-C10, >C10-C12, >C12-C16, >C16-C21, >C21-C35, >C35- C44Aromatics: >C5-C7, >C7-C8, >C8- C10, >C10-C12, >C12-C16, >C16- C21, >C21- C35, >C35- C44	Dichloromethane extraction / GCxGC FID detection
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)

Test Methods

SOP	Title	Parameters included	Method summary
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.com

APPENDIX 5 ▪ Geotechnical Laboratory Certificates

APPENDIX 6 ▪ Groundwater Laboratory Certificates

APPENDIX 7

- Field Monitoring Records
- Groundwater Level Data
- Hazardous Soil Gas Data

GAS MONITORING RECORD ROUND 1

Location Reference	Time	Flow and Pressure Measurements				Gas Measurements						VOC Measurements		Dip Measurements		Comments		
		Flow		Atmospheric Pressure	Differential Pressure	Methane	Methane LEL	Carbon Dioxide	Oxygen	Carbon Monoxide	Hydrogen Sulphide	Hexane	PID	Depth to Water	Depth to Base			
		max	steady															
		l hr ⁻¹		mb	Pa	%	%	%	%	ppm	ppm	%	ppm	m	m			
WS101	12:00	0	0	1002	0	0	0	7.4	13.3	0	0	0.000	nr	DRY	2.95	-		
WS102	11:50	0	0	1002	0	0	0	3.6	17.7	0	0	0.000	nr	DRY	3.18	-		
WS103	11:45	0	0	1002	0	0	0	2.2	19.1	0	0	0.000	nr	DRY	3.00	-		
WS104	11:35	0	0	1002	0	0	0	1.5	19.5	0	0	0.000	nr	DRY	2.65	-		
WS105	11:30	0	0	1003	0	0	0	1.5	19.1	0	0	0.000	nr	nr	nr	-		
WS106	11:25	0	0	1003	0	0	0	0.9	19.4	0	0	0.000	nr	nr	nr	-		
WS107	11:20	0	0	1002	0	0	0	2.5	18.2	0	0	0.000	nr	DRY	2.08	-		
WS108	11:10	0	0	1001	0	0	0	1.8	18.5	0	0	0.000	nr	DRY	3.11	-		
WS109	11:05	0	0	1000	0	0	0	2.1	18.6	0	0	0.000	nr	DRY	3.02	-		
WS110	10:55	0	0	1001	0	0	0	1.5	18.9	0	0	0.000	nr	DRY	4.12	-		
WS111	10:45	0	0	1001	0	0	0	1.3	18.1	0	0	0.000	nr	DRY	2.10	-		
WS112	10:40	0	0	1002	0	0	0	1.8	18.4	0	0	0.000	nr	DRY	3.00	-		
WS113	10:30	0	0	1002	0	0	0	6	13.2	0	0	0.000	nr	DRY	4.07	-		
WS114	10:20	0	0	1001	0	0	0	2.9	17.3	0	0	0.000	nr	nr	nr	-		
WS115	10:15	0	0	1001	0	0	0	2.8	17.9	0	0	0.000	nr	DRY	4.09	-		
WS116	10:10	0	0	1001	0	0	0	1.9	18.1	0	0	0.000	nr	4.00	4.14	-		
Weather:	Overcast and windy 12-14C Low Tide 9.30am High Tide 13.30					nr = not recorded			Gas Analyser		PID		Site: Princes Parade					
									Model:		-		-		Project Number: 22281			
									Serial Number:		-		-		Monitored By: NJA			
									Date of Last Calibration:		-		-		Date: 10/05/2021			

GAS MONITORING RECORD ROUND 1

Location Reference	Time	Flow and Pressure Measurements				Gas Measurements						VOC Measurements		Dip Measurements		Comments
		Flow		Atmospheric Pressure	Differential Pressure	Methane	Methane LEL	Carbon Dioxide	Oxygen	Carbon Monoxide	Hydrogen Sulphide	Hexane	PID	Depth to Water	Depth to Base	
		max	steady													
		l hr ⁻¹		mb	Pa	%	%	%	%	ppm	ppm	%	ppm	m	m	
WS121	09:30	0	0	1002	0	0	0	0.5	19.9	0	0	0.000	nr	3.78	3.80	-
WS122	09:05	0	0	1002	0	0	0	0.4	20.3	0	0	0.000	nr	DRY	4.09	-
WS123	09:15	0	0	1002	0	0	0	0	20.5	0	0	0.000	nr	4.95	5.00	-
CP101	13:10	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	5.60	9.92	-
CP102	13:15	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	5.72	9.70	-
CP103	13:20	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	5.16	10.45	-
CP104	13:25	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	5.45	10.47	-
CP105	13:30	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	5.46	8.70	-
CP106	13:40	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	5.78	10.52	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Weather:		Overcast & windy 12-14C Low Tide 09:30 High Tide 13:30				nr = not recorded			Gas Analyser		PID		Site:		Princes Parade	
									Model:				Project Number:		22281	
									Serial Number:				Monitored By:		NJA	
									Date of Last Calibration:				Date:		10/05/2021	

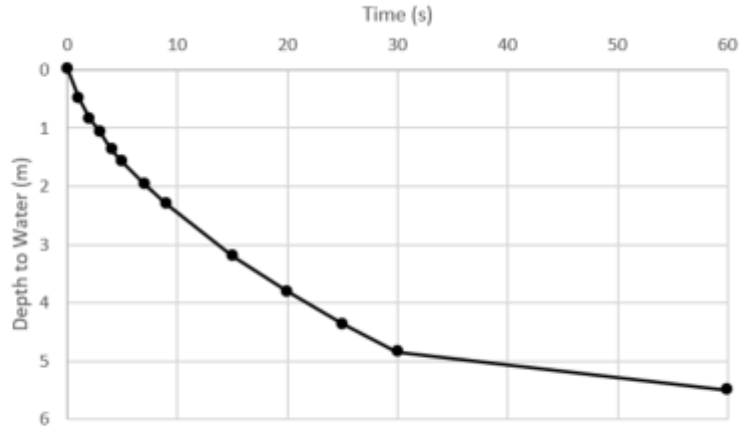
APPENDIX 8 ▪ Falling Head Permeability Results

Time (s)	Depth to water level (m)	Head (m)
0	0.00	6.0
1	0.48	5.52
2	0.84	5.16
3	1.08	4.92
4	1.37	4.63
5	1.58	4.42
7	1.97	4.03
9	2.30	3.70
15	3.20	2.80
20	3.81	2.19
25	4.37	1.63
30	4.85	1.15
60	5.50	0.50

Project Name: Princes Parade, Hythe
Borehole ID: CP101

Project Number: 22281
Test Number: 1

Bottom of Casing: 6.00 m
Casing Diameter: 0.25 m
Bottom of Borehole: 6.00 m
Initial Water Level: 0.00 m



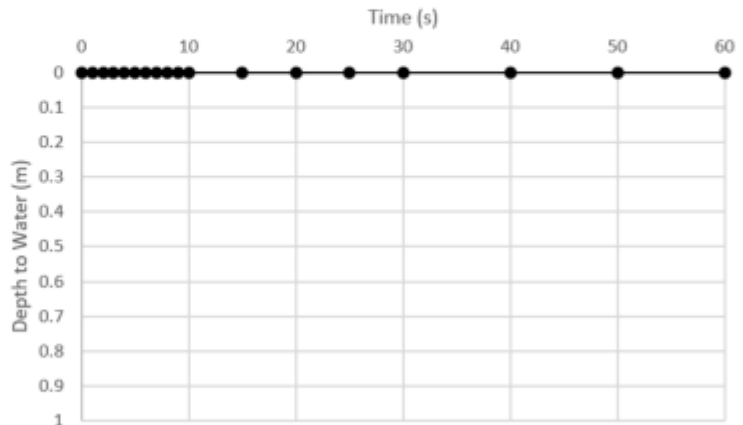
$K = 9.4 \times 10^{-4} \text{ m/s}$

Time (s)	Depth to water level (m)	Head (m)
0	0	4.0
1	0	4.0
2	0	4.0
3	0	4.0
4	0	4.0
5	0	4.0
6	0	4.0
7	0	4.0
8	0	4.0
9	0	4.0
10	0	4.0
15	0	4.0
20	0	4.0
25	0	4.0
30	0	4.0
40	0	4.0
50	0	4.0
60	0	4.0

Project Name: Princes Parade, Hythe
Borehole ID: CP102

Project Number: 22281
Test Number: 1

Bottom of Casing: 3.40 m
Casing Diameter: 0.25 m
Bottom of Borehole: 4.00 m
Initial Water Level: 0.00 m



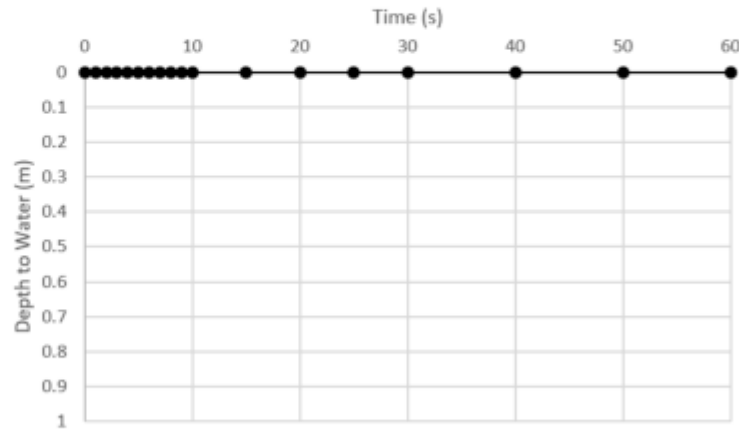
$K = 0 \text{ m/s}$

Time (s)	Depth to water level (m)	Head (m)
0	0	5.6
1	0	5.6
2	0	5.6
3	0	5.6
4	0	5.6
5	0	5.6
6	0	5.6
7	0	5.6
8	0	5.6
9	0	5.6
10	0	5.6
15	0	5.6
20	0	5.6
25	0	5.6
30	0	5.6
40	0	5.6
50	0	5.6
60	0	5.6

Project Name: Princes Parade, Hythe
Borehole ID: CP103

Project Number: 22281
Test Number: 1

Bottom of Casing: 5.20 m
Casing Diameter: 0.25 m
Bottom of Borehole: 5.60 m
Initial Water Level: 0.00 m



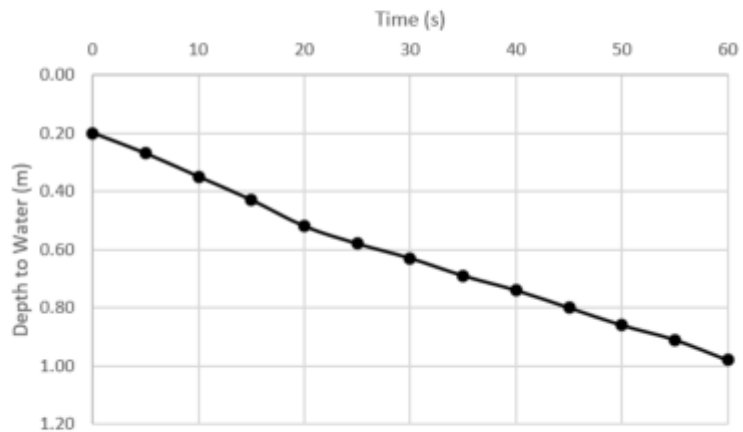
K = 0 m/s

Time (s)	Depth to water level (m)	Head (m)
0	0.20	5.80
5	0.27	5.73
10	0.35	5.65
15	0.43	5.57
20	0.52	5.48
25	0.58	5.42
30	0.63	5.37
35	0.69	5.31
40	0.74	5.26
45	0.80	5.2
50	0.86	5.14
55	0.91	5.09
60	0.98	5.02

Project Name: Princes Parade, Hythe
Borehole ID: CP104c

Project Number: 22281
Test Number: 1

Bottom of Casing: 6.00 m
Casing Diameter: 0.20 m
Bottom of Borehole: 6.00 m
Initial Water Level: 0.00 m



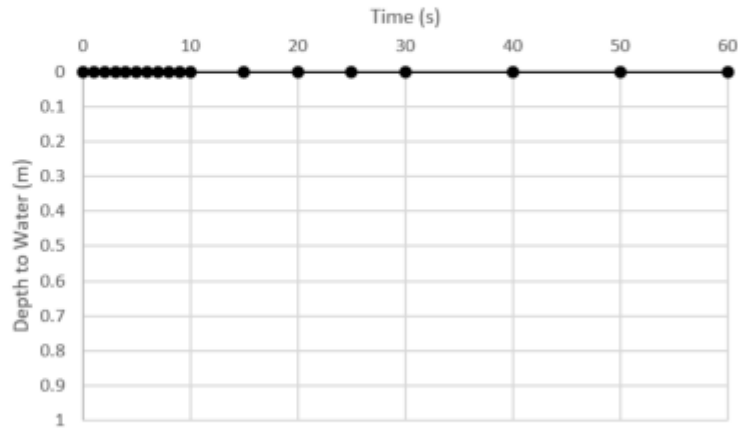
K = 3.5 X 10⁻⁵ m/s

Time (s)	Depth to water level (m)	Head (m)
0	0	4.8
1	0	4.8
2	0	4.8
3	0	4.8
4	0	4.8
5	0	4.8
6	0	4.8
7	0	4.8
8	0	4.8
9	0	4.8
10	0	4.8
15	0	4.8
20	0	4.8
25	0	4.8
30	0	4.8
40	0	4.8
50	0	4.8
60	0	4.8

Project Name: Princes Parade, Hythe
Borehole ID: CP105

Project Number: 22281
Test Number: 1

Bottom of Casing: 4.80 m
Casing Diameter: 0.25 m
Bottom of Borehole: 4.80 m
Initial Water Level: 0.00 m



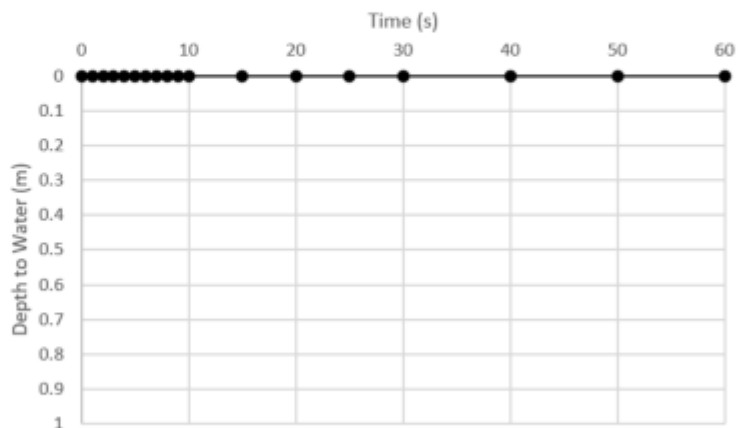
K = 0 m/s

Time (s)	Depth to water level (m)	Head (m)
0	0	5.8
1	0	5.8
2	0	5.8
3	0	5.8
4	0	5.8
5	0	5.8
6	0	5.8
7	0	5.8
8	0	5.8
9	0	5.8
10	0	5.8
15	0	5.8
20	0	5.8
25	0	5.8
30	0	5.8
40	0	5.8
50	0	5.8
60	0	5.8

Project Name: Princes Parade, Hythe
Borehole ID: CP106

Project Number: 22281
Test Number: 1

Bottom of Casing: 5.20 m
Casing Diameter: 0.25 m
Bottom of Borehole: 5.80 m
Initial Water Level: 0.00 m



K = 0 m/s

IDOM

IDOM 1 Leonard Place, Westerham Road, Keston, Kent BR2 6HQ

t +44 (0)1689 889 980 **e** info.kent@idom.com **idom.com**

Registered in England No. 02740216 Registered office: Cromford Mills, Mill Lane, Matlock, Derbyshire DE4 3RQ

offices Birmingham London Kent Derbyshire Cardiff Manchester Stirling