CONTAMINATED LAND ASSESSMENT PRINCES PARADE FOLKESTONE FOLKESTONE AND HYTHE DISTRICT COUNCIL CLA-17436-23-282 SEPTEMBER 2023



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TABLE OF CONTENTS

EXECUTIVE	SUMM	ARY	I
SECTION 1	INTRO	DUCTION	1
SECTION 2	PHAS	E 1 (NON-INTRUSIVE INVESTIGATION) SUMMABY	
0_00	2.1		2
	2.2	SITE LOCATION AND SETTING	2
	23	SITE HISTORY	4
	24	GEOLOGY	4
	2.5	HYDROGEOLOGY	5
	26	HYDROLOGY	5
	2.7	OTHER SITE ISSUES	6
	2.8	BADON GAS	6
	2.9	UXO	6
	2.10	PREVIOUS INTRUSIVE SITE INVESTIGATIONS	7
	2.11	PRELIMINARY CONCEPTUAL SITE MODEL AND RISK	
	ASSE	SSMENT	7
SECTION 3	SITE I	NVESTIGATION SUMMARY	9
	3.1	INTRODUCTION	9
	3.2	IDOM MEREBROOK 2015 SITE INVESTIGATION	9
	3.3	IDOM 2017 HAND PITS	10
	3.4	IDOM MEREBROOK 2021 SITE INVESTIGATION	10
	3.5	SOCOTEC 2022 INVESTIGATION	10
SECTION 4	GROU	IND CONDITIONS	11
	4.1	SUMMARY OF GROUND CONDITIONS	11
SECTION 5	ENVIF	ONMENTAL ASSESSMENT	12
	5.1	SOIL QUALITY	12
	5.2	ASSESSMENT CRITERIA FOR HUMAN HEALTH	12
	5.3	DATA SCREENING FOR HUMAN HEALTH IN A PARKLAND	
	SETTI	NG	13
	5.4	DATA SCREENING OF FULL DEPTH OF SOILS FOR VAPOUR	
	RISK	18	
SECTION 6	RISK /	ASSESSMENT	19
SECTION 7	UPDA	TED CONCEPTUAL MODEL	21
SECTION 8	PRELI	MINARY REMEDIATION OPTIONS AND MANAGEMENT CONTRO)LS
	23		
	8.1	INTRODUCTION	23
	8.2	THE CURRENT SITE USAGE	23
	8.3	REMOVAL OF ALL FENCES AND UNRESTRICTED ACCESS	23
	8.4	ALLOWING RESTRICTED ACCESS THROUGH THE SITE ALON	G
	FENC	ED PATHS WITH SITE REMAINING HEAVILY VEGETATED	24
	8.5	INSTALLATION OF NEW AREAS DEDICATED FOR RECREATION)N –
	PLAY	AREAS OR SPORTS PITCHES	25

ND	3.6 MANAGEMENT CONTROLS FOR CONSTRUCTION ANI	8.
26	MAINTENANCE WORKERS	Μ
26	3.7 OTHER ISSUES	8.

APPENDIX 1

Drawings

APPENDIX 2

Exploratory Hole Logs

APPENDIX 3

- Soil Chemistry
- Summary Spreadsheet

EXECUTIVE SUMMARY

A Contaminated Land Assessment was requested by Folkestone and Hythe District Council. The purpose of the assessment was to use existing data to assess land contamination-related health risks associated with a range of potential future public recreational uses of the site. Outline remedial actions and management controls have been identified for the range of uses.

SITE DETAILS	
Approximate site area	7.5 ha
Current use / historic use	Former Local Authority Landfill. Majority of site currently fenced off. Canoe Centre, play area and picnic ground on east of site.
Proposed use	A range of public recreation uses are being considered.

SUMMARY OF DESK STUD	SUMMARY OF DESK STUDY PHASE 1 NON-INTRUSIVE INVESTIGATION				
Expected geology	Storm Beach and Tidal Flat Deposits over Weald Clay				
Groundwater	Storm Beach deposits are Secondary A aquifer, but other units are classed as unproductive strata (non-aquifers).				
Surface water	The closest surface water feature is the Royal Military Canal adjacent to the north while Hythe Bay is present to the south.				
Other	Historic Council landfill receiving both inert and commercial waste between December 1946 – December 1974.				
	Moderate UXO potential.				

SUMMARY OF PHASE 2 EX	PLORATORY INVESTIGATIONS AND RISK ASSESSMENT
Ground Conditions	There are two areas of landfill present on site either side of the public footpath leading from a bridge over the Military Canal. The landfill attains a maximum thickness of 6 m but is more generally 4 – 5 m thick. The landfill is at least partially capped, however the cap is absent locally with waste materials visible at the surface. The natural geology comprised mainly beach deposits but with some clay in the east of the site. Beneath the drift, dense gravelly sands of the Atherfield Clay have been recorded sat upon the Weald Clay bedrock.
Contamination	Contamination has been identified within near-surface soils with polyaromatic hydrocarbon compounds and asbestos, both as fibres in soil and as fragments of asbestos-containing material.
Risks associated with PAH	Ingestion of soils and dermal contact with soil are the relevant pathways for PAH exposure. The risks from PAH contamination in the current site usage are considered to be low. With regard to future uses, for mobile recreational activities, such as walking through the site, exposure to average PAH concentrations would be insufficient to trigger a risk to health. For more static recreational activities (such as playing, picnicking) which may take place in locations where PAH concentrations may be higher than the average, then a risk to health may be present if soils are bare due to sparse vegetation cover.

Risks associated with asbestos	Inhalation of dust (including asbestos fibres) outdoors is the relevant pathway for asbestos exposure. The potential for asbestos fibre generation is controlled by the nature and condition of the asbestos material, soil moisture content, vegetation cover and the degree of activities that may disturb surface soils. Where soils are moist and there is good vegetation cover, then asbestos fibre generation would not be expected to be significant. Asbestos fibre generation is possible where dry, bare soils are present, particularly if activities on site degrade the vegetation cover and disturb surface soils.
	A range of asbestos types has been identified in shallow soils, each with differing fibre release potential and risk profiles. In the current site usage, where the site is heavily vegetated and access / disturbance is largely precluded, risks from asbestos are expected to be low. In the context of future site uses, there is considered to be a potential risk of asbestos fibre release during periods of dry dusty conditions, particularly where active disturbance of bare asbestos-impacted soils occurs. It is considered that the risk would be increased if open access were available to the site as the potential for uncontrolled ground disturbance would be greater.

RECOMMENDATIONS	
The current site usage	In the current site usage, where the site is heavily vegetated and access / disturbance is largely precluded, risks to health from PAH and asbestos are expected to be low. In its current usage, the site would not be expected to qualify as Contaminated Land under Part 2A of the EPA.
Future uses	Any proposed changes to the site hoarding / fencing which will allow increased access to the site or any substantial changes to the degree of vegetation cover will require justification via additional data collection and updated contamination risk assessment. Recommendations for additional data, risk assessment and management controls are outlined in this report for a range of potential future uses.
	It is recommended that the existing hoarding / fencing remains in place until it can be demonstrated that the risks associated with the proposed future uses are acceptable and can be managed appropriately.
Other	This report does not address any potential risks to controlled waters. Engagement with the Environment Agency is recommended.

SECTION 1 INTRODUCTION

- 1.1 Folkestone and Hythe District Council (F&HDC) owns an area of land located at Princes Parade, Folkestone. The site is a former landfill and is currently undeveloped open space which is largely fenced off, preventing public access. The Council wish to consider the land contamination impacts on future options for public use of the site for recreational purposes. This report focuses on the potential risks to human health for a range of recreational use options.
- 1.2 The proposed uses being considered include:
 - *i.* A rewilded site with fencing around the perimeter and limited public access along designated paths;
 - *ii.* Unrestricted access by the public to the whole site for dog walking *etc;*
 - *iii.* Potential future planned recreational uses such as a remodelled play area or sports pitch.
- 1.3 IDOM Merebrook Limited (IDOM) has been commissioned by Folkestone and Hythe District Council to review existing recent site investigation data in the context of the broad range of proposals and to present a risk assessment and conceptual site model for the proposed use options.
- 1.4 The objectives of the investigation are to:
 - *i.* Assess surface and sub-surface ground conditions present at the site based on an up-to-date site walkover inspection and review of existing recent site investigation data;
 - *ii.* Identify hazards to human health associated with ground contamination which may place constraints on the site and the proposed uses;
 - *iii.* Evaluate the risks to human health associated with any identified hazards;
 - *iv.* Provide preliminary recommendations for the mitigation of any significant risks to health identified.
- 1.5 This report presents the findings of the geo-environmental investigation and provides an interpretation of the geo-environmental conditions that exist at the site. The contaminative status of the site and the implications with respect to development have been interpreted in accordance with the current government guidance on source-pathway-receptor risk assessment. This report uses a Tier 1 risk assessment to ascribe a conservative qualitative appraisal of the hazards associated with the site.
- 1.6 This report has been prepared for F&HDC 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 F&HDC and IDOM as to the extent to which the findings may be appropriate for their use.

SECTION 2 PHASE 1 (NON-INTRUSIVE INVESTIGATION) SUMMARY

2.1 **INTRODUCTION**

- 2.1.1 A summary of previous desk study information is presented in this section based largely on the following report:
 - *i.* Geo-environmental Assessment: Princes Parade (ref: GEA-17436ai-15-193 Rev E) by IDOM Merebrook dated 25 May 2017.

2.2 SITE LOCATION AND SETTING





- 2.2.2 The site occupies an area of approximately 7.5 hectares located at National Grid Reference 618523, 134832 and indicated on drawing 17436ai-304-001, presented in Appendix 1 of this report.
- 2.2.3 The site is bounded by the Royal Military Canal to the north, residential flats to the east, Princes Parade Road and the beach to the south and a golf course to the west.
- 2.2.4 A site walkover was undertaken by an IDOM Merebrook representative on 11 July 2023 with the following findings:
 - *i.* The majority of the site was noted to be disused with mostly solid boundary hoarding present around the perimeter.
 - *ii.* Additional Herras fencing was present in certain locations to further restrict access as shown on Figure 2 below.

- *iii.* A gated entrance onto the site was located in the southwestern corner with an associated small area of historical hardstanding and imported stone surfacing.
- *iv.* The eastern portion of the site was developed with Seapoint Canoe Centre, playground and picnic area. These are separated from the main site by Herras fencing. Around the canoe centre, the boundary fencing is mesh so as not to impede visibility at the road junction to the canoe centre.
- v. A pathway was present connecting Princes Parade to the canal via the central portion of the site. This pathway was separated from the main site by Herras fencing, although a gap in the fence was observed during the walkover suggesting that informal public access occurs.
- *vi.* A pedestrian gate was noted to be open at the canoe centre leading into the site, again suggesting informal public access occurs.
- *vii.* A pathway encircles the western, northern and eastern perimeter of the site just outside the boundary hoarding.
- viii. The site was noted to be heavily vegetated with much of the site comprising rough grass, weeds, scrubland and trees. Some bare patches of soil were observed and in places, bare soil was visible at the base of taller stemmed plants. Landfill material was noted to be visible along a section of the north of the site adjacent to the path.
- *ix.* No invasive species were noted during the site walkover, however, sporadic littering was noted on the site.



2.2.5 The elevation of the site is generally low-lying, ranging from 2.5 metres above Ordnance Datum (m AOD) to 5.0 m AOD.

2.3 SITE HISTORY

2.3.1 Historic mapping shows that the majority of the site is undeveloped. A track and entrance onto the site were identified in 1963 which would indicate the presence of some site activity. A carpark was developed in the eastern portion of the site prior to 2010.



- 2.3.2 The historic maps indicate the presence of potentially significant contaminative land uses within 250 m of the site. These include:
 - *i.* A small, late 19th century gasworks 50 m north of the site the other side of the military canal (only labelled on 1872 mapping); and
 - *ii.* The Royal Military Canal (possible presence of UXOs).

2.4 GEOLOGY

2.4.1 The published geological map indicates the presence of superficial drift deposits of Storm Beach Deposits comprising gravel underlying the majority of the site. Tidal Flat Deposits comprising clay and silt are likely to underlie the northern portion of the site.



IDO

2.4.2 The underlying bedrock geology under the entire site comprises clay and mudstone of the Weald Clay Formation.

2.5 HYDROGEOLOGY

- 2.5.1 The superficial geology underlying the majority of the site is classified by the Environment Agency (EA) as a Secondary 'A' Aquifer although the thin band of Tidal Flat Deposits along the north of the site are classed as an Unproductive Stratum.
- 2.5.2 The underlying Weald Clay Formation is classified by the EA as an Unproductive Stratum.
- 2.5.3 The site is not located within a Groundwater Protection Zone.
- 2.5.4 According the 2015 Groundsure Report, there are four groundwater abstraction licences within one kilometre of the site. All four licences are related to potable water abstraction with the closest licence associated with Veolia and located 199 m to the north of the site. Additional Veolia licences are located 276 and 761 m to the north, while another licence is relating to Hotel Imperial and is located 847 m to the west.

2.6 HYDROLOGY

2.6.1 The closest surface water feature is the Royal Military Canal located three metres to the north of the site. A culverted watercourse flows into the central portion of the canal, while a tertiary river flows into the western portion of the canal. This canal flows in an easterly direction along the boundary of the site, before flowing into the Hythe Bay 50 m to the south.

2.6.2 The central strip of the site is in Flood Zone 1 whereas the northern and southern extents are within Flood Zones 2 and 3.

2.7 **OTHER SITE ISSUES**

2.7.1 The site was identified as an historic Council landfill (reference SH6) receiving both inert and commercial waste between December 1946 – December 1974.



2.8 RADON GAS

2.8.1 The site is in a 1 km grid square where the maximum radon potential is 1-3% above the action level.

2.9 **UXO**

2.9.1 Regional Unexploded Bomb Risk Maps published by Zetica have been consulted which show that the site is in an area of moderate bomb risk potential and further UXO risk assessment would be required to support any intrusive works that involve ground disturbance.

2.10 **PREVIOUS INTRUSIVE SITE INVESTIGATIONS**

- 2.10.1 IDOM prepared a Geo-environmental Assessment (ref: GEA-17436AI-15-193 Rev E) dated 25 May 2017 based on site investigations undertaken in June 2015. This data was used to support a planning application for mixed use development including residential receptors. Data from the report is assessed in the context of the current proposals in the later sections of this report.
- 2.10.2 IDOM Merebrook prepared a letter report (ref: L-17436ai-2.4.2-17-S235-NTD) dated 10 March, 2017 detailing the findings of hand dug pits excavated along the northern boundary.
- 2.10.3 IDOM Merebrook prepared a factual report (ref: FR-22281-21-195 REV B dated 30 June 2021) on a ground investigation undertaken in 2021. Data from the report is assessed in the context of the current proposals in the later sections of this report.
- 2.10.4 Socotec prepared a draft factual report (ref: G2028-22 dated July 2022) based on a trial pit ground investigation undertaken in June 2022 by along a strip of land across the north of the site. Data from the report is assessed in the context of the current proposals in the later sections of this report.
- 2.10.5 These reports should be referred to for full details and for factual information (logs, laboratory certificates *etc.*).

2.11 PRELIMINARY CONCEPTUAL SITE MODEL AND RISK ASSESSMENT

- 2.11.1 From the Phase 1 assessment, a preliminary site conceptual model and risk assessment for human health receptors has been produced using the framework established in Part IIA of the *Environmental Protection Act 1990* and detailed in Environment Agency guidance *Land Contamination Risk Management* published on gov.uk.
- 2.11.2 Risk from contamination has been assessed using the source-pathway-receptor and pollutant linkage methodology, whereby a risk can only exist if all elements of: source, pathway and receptor, are present.
- 2.11.3 Potential Sources
 - *i.* Elevated concentrations of heavy metals, PAH and TPH from the historic infilling and landfilling across the site;
 - *ii.* Potential for associated soil gas / vapour generation;
 - *iii.* Asbestos containing material (ACM) within the fill material imported to the site;
- 2.11.4 Potential Pathways
 - *i.* Direct contact;
 - *ii.* Ingestion of soil;

- *iii.* Inhalation of contaminated soil and dust;
- iv. Pathways to / via controlled waters are not covered by this report; and
- *v*. Given that no structures are proposed on site there is not considered to be potential for accumulation of ground gas or vapours with ingress into buildings and voids.
- 2.11.5 Potential Receptors
 - *i.* The general public and current site users;
 - *ii.* Users of the future public access site;
 - iii. Workers involved in site preparation and management;
 - *iv.* Controlled waters receptors are not covered in detail by this report as the focus of this report is risk to human health.
- 2.11.6 Pollutant Linkages and Risk Ratings
- 2.11.6.1 From the Phase 1 assessment a preliminary site conceptual model for human health has been produced as Table 1. which identifies the potential pollutant linkages. These have been used to inform the Phase 2 intrusive investigation presented in the subsequent sections.

Table 1: Preliminary Conceptual Model

POS	RISK			
POTENTIAL SOURCES PATHWAYS		RECEPTORS	CHARACTERISATION	
Heavy metals and hydrocarbons (made ground and landfill material)	Contact with contaminated soil	Human health (current users)	Low risk identified Potential for made ground and landfill material which can contai elevated metals and hydrocarbops, however site is	
	Ingestion and inhalation of contaminated soil and dust	Human health (current users)	vegetated and access is currently restricted by boundary fencing limiting exposure.	
Heavy metals and hydrocarbons (made ground and landfill material)	Contact with contaminated soil	Human health (future site users)	Low to moderate risk identified depending on extent of future access Potential for made ground and landfill material which can contain	
	Ingestion and inhalation of contaminated soil and dust	Human health (future site users)	elevated metals and hydrocarbor however site is vegetated. The extent of future access will determine the degree of risk.	
Heavy metals and hydrocarbons (made ground and landfill material)	Contact with contaminated soil	Human health (workers during preparatory and maintenance activities)	Low to moderate risk identified Potential for made ground and landfill material which can contain elevated metals and	
	Ingestion and inhalation of contaminated soil and dust	Human health (workers during preparatory and maintenance activities)	during intrusive works. Will require management through health and safety protocols.	

POS	DICK		
POTENTIAL SOURCES	PATHWAYS	RECEPTORS	CHARACTERISATION
Asbestos (made ground and landfill material)	Inhalation of contaminated soil and dust	Human health (current users)	Low risk identified Potential for made ground and landfill material to contain asbestos. Site is heavily vegetated and access is currently limited by boundary fencing limiting exposure.
Asbestos (made ground and landfill material)	Inhalation of contaminated soil and dust	Human health (future site users)	Low to moderate risk identified depending on extent of future access and degree of vegetation cover Potential for made ground and landfill material to contain asbestos. Site is heavily vegetated. The extent of future access and degree of vegetation will determine the degree of risk. Direct contact with affected soils would increase the risk rating. Removal of vegetation would also increase the risk.
Asbestos (made ground and landfill material)	Inhalation of contaminated soil and dust	Human health (workers during preparatory and maintenance activities)	Moderate risk identified Potential for made ground and landfill material to contain asbestos. Direct exposure to soils possible in limited areas during intrusive works. Will require management through health and safety protocols.
Hazardous Gas/Vapours In soil	Ingress into confined spaces	Human health (no receptor as no structures or confined spaces proposed)	n/a

SECTION 3 SITE INVESTIGATION SUMMARY

3.1 INTRODUCTION

- 3.1.1 This section of the report summarises the recent phases of intrusive investigation that have been undertaken at the site.
- 3.1.2 Exploratory hole locations from all recent phases of investigation are indicated on drawing 17436ai-304-004 in Appendix 1. Exploratory hole logs are contained in Appendix 2.

3.2 IDOM MEREBROOK 2015 SITE INVESTIGATION

3.2.1 During the 2015 investigation, intrusive locations were limited due access restrictions and ecological considerations. This included constraints posed by the steep slopes and bund surrounding the site, dense vegetation and the presence of nesting birds and possible badger setts identified in the northwestern and southeastern portion of the site.

- 3.2.2 The intrusive investigation was carried from 17 to 18 June 2015 and comprised the following scope of work:
 - *i.* Seven shallow windowless sample probe holes (MW1 to MWS7) to a maximum depth of 5.45 m bgl; and
 - *ii.* Five machine-dug trial holes (MTP1 to MTP5) to a maximum depth of 3.0 m bgl.
- 3.2.3 MWS1, MWS4, MWS6 and MWS7 were installed to 4.0 m bgl for groundwater and gas monitoring.

3.3 IDOM 2017 HAND PITS

3.3.1 A series of ten hand dug pits (HP1 to HP10) were advanced to a maximum depth of 0.4 m bgl in February 2017 along a strip of land adjacent to the Military Canal.

3.4 **IDOM MEREBROOK 2021 SITE INVESTIGATION**

- 3.4.1 An intrusive investigation was carried from 29 March to 29 April 2021 and comprised the following scope of work:
 - *i.* Excavation of 33 machine excavated trial pits (TP101 to TP132) to a maximum depth of 5.50 metres below ground level (m bgl).
 - *ii.* Drilling of 24 windowless sampling holes (WS101 to WS123) to a maximum depth of 6.00 m bgl.
 - *iii.* Drilling eight cable percussion rig boreholes (CP101 to CP106) to a maximum depth of 35 m bgl.
 - *iv.* Groundwater monitoring on one occasion, with ground gas monitoring on three occasions. Groundwater level monitoring to establish the tidal range was also undertaken.
- 3.4.2 The deeper boreholes were installed with groundwater monitoring wells responding below 6 m bgl.
- 3.4.3 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 bgl.

3.5 SOCOTEC 2022 INVESTIGATION

3.5.1 A series of 24 machine dug pits (TP205 to TP244 some numbers omitted) were advanced to a maximum depth of 5.0 m bgl in June 2022 by Socotec along a strip of land across the north of the site.

SECTION 4 GROUND CONDITIONS

4.1 SUMMARY OF GROUND CONDITIONS

- 4.1.1.1 A summary of ground conditions has been taken from the most recent interpretative report for Princes Parade¹. There are two areas of landfill present on site either side of the public footpath leading from a bridge over the Military Canal. The landfill attains a maximum thickness of 6 m but is more generally 4 5 m thick.
- 4.1.1.2 The landfill appears to be at least partially capped. The capping material is reported to generally comprise soft brown sandy clay with gravel and occasional anthropogenic material such as brick, glass and plastic. The capping appears to be cleaner and has less anthropogenic material than the underlying landfill materials. Recent trial pits along the north of the site suggested the landfill cap might be 0.7 to 1.4 m thick. A recent walkover by IDOM Merebrook has established that the cap is absent locally with some areas where waste materials are visible at the surface.
- 4.1.1.3 From discussions with the Council, it is understood that the landfill may have had an informal cap placed upon closure of the facility and that this was added to by the later deposit of dredgings from the adjacent canal some 20 years ago. There is no separating layer between the cap and the underlying landfill materials.
- 4.1.1.4 Desk study data indicates deposit of landfill since the 1950s. Reports suggest that the eastern section was largely filled in the 1950s (typically with ashes and more inert type of materials) whereas the western section was filled in the 1960s and early 1970s with a more mixed waste type with higher putrescible content. More discolouration and odours were noted on the west of the site.
- 4.1.1.5 The natural geology comprised beach deposits comprising mostly gravel and cobbles but with some clay in the east of the site. Localised discolouration of natural soils was recorded from the overlying waste.
- 4.1.1.6 Below the beach deposits, dense gravelly sands of the Atherfield Clay have been recorded sat upon the Weald Clay bedrock.
- 4.1.1.7 A conceptual site cross section has been reproduced from the previous report².

¹ LBH Geo Land Contamination Assessment and Remediation Strategy LBH46351caF dated August 2022.

² LBH Geo Land Contamination Assessment and Remediation Strategy LBH46351caF dated August 2022



SECTION 5 ENVIRONMENTAL ASSESSMENT

5.1 SOIL QUALITY

- 5.1.1 In order to assess the risks to health from soil contamination in a proposed public open space usage, all data from the upper 0.5 m has been selected for assessment. These soils from the upper half metre are considered to be relevant to ingestion, dust and dermal contact pathways. Indoor vapour inhalation pathways are not considered to be viable for the range of proposed future recreational land usages given the lack of built structures. Outdoor vapour inhalation is unlikely to be a risk driver.
- 5.1.2 A total of 37 samples from the IDOM Merebrook and Socotec investigations were tested from the made ground in the upper half metre.
- 5.1.3 The results of the analysis are summarised in Table 3 and in Appendix 3.

5.2 ASSESSMENT CRITERIA FOR HUMAN HEALTH

5.2.1 An initial screening exercise has been undertaken whereby contaminant concentrations recorded in soils from the upper half metre have been assessed against *Suitable for Use Levels* (S4ULs) published in 2015 by LQM/CIEH³. These precautionary screening levels are designed to be representative of minimal risk to human health in a number of land use scenarios. In this report S4ULs have been selected for a public open space / parkland style land use and assuming a precautionary soil organic matter of 2.5 %. The average soil organic matter recorded for the dataset was 3.5 %. For lead the DEFRA Category 4 Screening Level⁴ has

³ Nathanail, C. P., McCaffrey, C., Gillett, A. G., Ogden, R. C. and Nathanail, J. F. 2015. *The LQM/CIEH S4ULs for Human Health Risk Assessment*. Land Quality Press, Nottingham. Copyright Land Quality Management Limited reproduced with permission; Publication Number S4UL3100. All rights reserved. Including August 2015 nickel update. ⁴ SP1010 *Development of Category 4 Screening Levels Main Report* (Dec 2013) and SP1010 *Policy Companion Document* (Mar 2014).

been used as this is based on updated toxicological data and a low risk to human health.

- 5.2.2 The parkland public open space screening levels are based on a model that assumes a public park is an area of open space provided for recreational use and usually owned and maintained by the Local Authority. It is anticipated that POSpark could be used for a wide range of activities including family visits and picnics; children's play area; sporting activities such as football on an informal basis; and dog walking. Some of the proposed recreational uses of Princes Parade considered by this assessment are likely to be more limited in scope and may in practice be restricted to recreational walking.
- 5.2.3 In modelling for POSpark, a public park is considered to be a relatively large area (>0.5 ha) of predominantly grassed open space with no more than 25% of exposed soil. This appears to be reasonable for the Princes Parade scenario assuming the current vegetation coverage.
- 5.2.4 The critical receptor for the POSpark land use is a physically active young female child which is the most precautionary receptor assumption.
- 5.2.5 The exposure pathways for POSpark are:
 - *i.* Ingestion of soil outdoors;
 - *ii.* Dermal contact with soil outdoors;
 - *iii.* Inhalation of dust outdoors. This pathway is unlikely to be a risk driver for chemical contaminants but will be relevant for asbestos risk; and
 - *iv.* Inhalation of vapours outdoors (unlikely to be a risk driver).
 - *v.* It is noted that the dust ingestion pathway is not included in the standard parkland scenario as there is considered to be negligible track back of soil and ingestion of soil-derived dust indoors will be negligible.

5.3 DATA SCREENING FOR HUMAN HEALTH IN A PARKLAND SETTING

5.3.1 A summary of soil data from the upper half metre is presented below in the context of POSpark generic acceptance criteria.

Table 3: Summary of Soils Chemical Analysis Results from upper half metre

Contaminant	Units	Мах	Mean	No of Tests	Screening Level (SL)	No > SL*		
	HUMAN HEALTH RISK ASSESSMENT							
Asbestos in soil	-	0.035 %	-	33	Detected	8 soils +2 bulks		
рН	-	11.1	8.2	37	5 – 9	2		
Arsenic	mg.kg⁻¹	30	13.8	37	170	0		
Cadmium	mg.kg⁻¹	7.6	0.5	37	555	0		
Chromium (total)	mg.kg⁻¹	67	23.4	37	33,000	0		

PRINCES PARADE, FOLKESTONE

Contaminant	Units	Мах	Mean	No of Tests	Screening Level (SL)	No > SL*
	HUMA	AN HEALTH R	ISK ASSESSM	ENT		
Hexavalent Chromium	mg.kg⁻¹	<4	-	37	220	0
Lead	mg.kg⁻¹	550	111.7	37	1300	0
Mercury	mg.kg⁻¹	5.6	0.5	37	240	0
Nickel	mg.kg⁻¹	52	23.0	37	800	0
Copper	mg.kg⁻¹	1700	81.2	37	44,000	0
Zinc	mg.kg⁻¹	7600	339.9	37	170,000	0
Selenium	mg.kg⁻¹	2.2	0.9	37	1,800	0
TPH Aliphatic >EC₅ - EC6	mg.kg ⁻¹	1	0.2	37	130,000	0
TPH Aliphatic >EC6 - EC8	mg.kg⁻¹	1	0.2	37	220,000	0
TPH Aliphatic >EC8 - EC10	mg.kg⁻¹	45	1.4	37	18,000	0
TPH Aliphatic >EC10 - EC12	mg.kg⁻¹	33	2.4	37	23,000	0
TPH Aliphatic >EC12 - EC16	mg.kg ⁻¹	31	3.9	37	25,000	0
TPH Aliphatic >EC16 - EC21	mg.kg⁻¹	30	5.5	37	480,000	0
TPH Aliphatic >EC21 - EC35	mg.kg ⁻¹	65	24.2	37	480,000	0
TPH Aromatic >EC5 - EC7	mg.kg ⁻¹	27	0.9	37	84,000	0
TPH Aromatic >EC7 - EC8	mg.kg ⁻¹	30	1.0	37	95,000	0
TPH Aromatic >EC8 - EC10	mg.kg ⁻¹	35	1.2	37	8,500	0
TPH Aromatic >EC10 - EC12	mg.kg⁻¹	32	2.2	37	9,700	0
TPH Aromatic >EC12 - EC16	mg.kg ⁻¹	49	7.1	37	10,000	0
TPH Aromatic >EC16 - EC21	mg.kg ⁻¹	470	54.6	37	7,700	0
TPH Aromatic >EC21 - EC35	mg.kg⁻¹	1200	144.2	37	7,800	0
Benzene	mg.kg⁻¹	nd	-	16	100	0
Toluene	mg.kg ⁻¹	nd	-	16	95,000	0
Ethylbenzene	mg.kg ⁻¹	nd	-	16	22,000	0
Xylene	mg.kg⁻¹	nd	-	16	23,000	0
Naphthalene	mg.kg ⁻¹	25.7	1.0	37	1,900	0
Acenaphthylene	mg.kg ⁻¹	124	3.9	37	30,000	0
Acenaphthene	mg.kg ⁻¹	76.6	3.1	37	30,000	0
Fluorene	mg.kg ⁻¹	89.1	3.7	37	20,000	0
Phenanthrene	mg.kg ⁻¹	95	11.0	37	6,200	0
Anthracene	mg.kg ⁻¹	27	3.1	37	150,000	0
Fluoranthene	mg.kg ⁻¹	100	17.1	37	6,300	0
Pyrene	mg.kg ⁻¹	97	14.7	37	15,000	0
Benzo(a)anthracene	mg.kg ⁻¹	57	8.5	37	56	1
Chrysene	mg.kg ⁻¹	50	7.3	37	110	0
Benzo(b)fluoranthene	mg.kg ⁻¹	64	9.8	37	15	7
Benzo(k)fluoranthene	mg.kg ⁻¹	26	4.2	37	410	0
Benzo(a)pyrene	mg.kg ⁻¹	50	7.9	37	12	8
Indeno(1,2,3-c,d)pyrene	mg.kg ⁻¹	34	5.2	37	170	0
Dibenzo(a,h)anthracene	mg.kg ⁻¹	9.6	1.2	37	1.3	9
Benzo(g,h,i)perylene	mg.kg ⁻¹	29	5.0	37	1,500	0

Contaminant	Units	Мах	Mean	No of Tests	Screening Level (SL)	No > SL*		
HUMAN HEALTH RISK ASSESSMENT								
Phenol	mg.kg ⁻¹	<1	-	37	690	0		
Notes: * Number of samples exceeding screening level nd = not detected								

5.3.2 **Zootoxic Metals (harmful to human health)**

5.3.2.1 No zootoxic metals were recorded in excess of the screening levels designed to be protective of health in a parkland setting.

5.3.3 Organic Contaminants

- 5.3.3.1 Concentrations of petroleum hydrocarbons in the upper half metre of soils were low and were below the generic assessment criteria for a park.
- 5.3.3.2 Approximately 20 % of the samples failed the generic S4UL parkland assessment criteria for some PAH compounds, in particular for benzo(b)fluoranthene, benzo(a)pyrene and dibenz(a,h)anthracene. It is noted that the S4UL screening levels are pitched at a minimal risk level. Average PAH concentrations pass the S4UL screening level.
- 5.3.3.3 The exposure pathway contributions for these particular PAH species in the standard parkland CLEA scenario have been considered further to place the data in context as part of the conceptual site model. It is the case that 88.4 % of exposure is via the outdoor soil ingestion pathway and 11.4 % of exposure is via dermal contact outdoors. Outdoor inhalation of vapour accounts for 0.2 % of the exposure contribution and outdoor inhalation of dust contributes less than 0.1 % of exposure. Inhalation pathways are not considered to be a risk driver for these particular PAH species in a parkland exposure scenario. Clearly, the degree of direct contact with soil (ingestion and dermal pathways) will govern the risk associated with these contaminants.
- 5.3.3.4 A DEFRA Category 4 Screening Level (C4SL) is also published for benzo(a)pyrene at 21 mg.kg⁻¹ which is pitched at a low (but not minimal) risk level. Soils which pass a C4SL are definitely not classed as "*Contaminated Land*" under the Part 2A definition, which is also the minimum requirement for the planning regime. It is noted that only three of the samples (approximately 8 %) fail the parkland C4SL for benzo(a)pyrene which is often used as a marker for broader PAHs. Average benzo(a)pyrene concentrations are well below the C4SL.
- 5.3.3.5 The benzo(a)pyrene results which fail the C4SL screening level for parkland usage are as follows:
 - MWS2 at 0.4 0.6 m bgl with BaP at 37 mg.kg⁻¹ associated with made ground with inclusions of tarmac fragments. This sample was taken from a layer of made ground which is situated below a 200 mm thickness of topsoil and 50 mm concrete layer so the affected made ground is not accessible to casual

users at the surface. The PAH is expected to be largely bound within the tarmac fragments. Direct ingestion and dermal pathways will not be operational to connect this contamination to site user receptors at the surface;

- *ii.* TP108 at 0.4 m with BaP at 50 mg.kg⁻¹. The stratum description for this from the surface to 0.9 m bgl was *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;
- *iii.* TP131 at 0.3 m bgl with BaP at 25 mg.kg⁻¹. The stratum was logged as *made* ground comprising dark grey sandy gravel. Gravels are coarse angular tarmac, brick, metal and concrete. Sands are coarse. Again, it is expected that the PAH is bound with in the tarmac fragments. The affected layer of made ground sits below a 100 mm layer of different made ground without evidence of tarmac fragments, so again it is expected that the direct ingestion and dermal pathways will not be operational to connect this contamination to site user receptors at the surface.
- 5.3.3.6 The spatial distribution of PAH contamination in the upper half metre is shown in Figure 7 below.



- 5.3.3.7 In summary there appears to be very limited PAH contamination (1 out of 37 samples or 3 %) in excess of *low risk* parkland C4SL screening criteria where direct exposure pathways are viable. Average PAH concentrations are well below the *low risk* C4SL threshold.
- 5.3.3.8 Adopting the average PAH concentration is considered to be reasonable for mobile recreational uses (*i.e.* walking through the site) as a typical user's direct exposure to site soils would be spread across the various soils of the site.
- 5.3.3.9 Averaging the PAH contaminant concentration would not be appropriate if more static recreational activities are proposed where a person's direct exposure to soils occurs in a localised area which may be contaminated more than the average condition. This is discussed further in later sections of this report.

5.3.4 Inorganic Contaminants

- 5.3.4.1 Only two samples were noted to have pH outside the typical range. Given that average pH is well within the normal range, no further assessment is necessary.
- 5.3.4.2 Asbestos was detected by the laboratory in approximately a quarter of the soil samples from the upper half metre and asbestos was also confirmed in two bulk samples of suspected asbestos cement. Asbestos detects in these shallow soils are summarised below in Table 4 and Figure 8.

LOCATION	DEPTH	ТҮРЕ	QUANTIFICATION
MTP2	0.4 m	Suspected asbestos cement fragment confirmed by lab as chrysotile-hard/cement type material	-
MTP3	0.30-0.50 m	Amosite & chrysotile - insulation lagging & loose fibres	0.002 %
MTP5	0.6 m	Suspected asbestos cement fragment confirmed by lab as chrysotile-hard/cement type material (stratum present from 0.3 – 0.8 m)	-
MWS1	0.40-0.50 m	Amosite loose fibres	<0.001 %
MWS2	0.40-0.60 m	Chrysotile loose fibres	-
MWS6	0.30-0.50 m	Chrysotile loose fibres	-

Table 4: Summary of laboratory asbestos data from soils in the upper half metre

LOCATION	DEPTH	ТҮРЕ	QUANTIFICATION
HP5	0.20-0.30 m	Chrysotile amosite - insulation lagging, loose fibres	0.035 %
HP8	0.20-0.30 m	Amosite - insulation lagging	0.003 %
TP219	0.5 m	Chrysotile fibre bundle in soil	-
TP223	0.5 m	Amosite loose fibres in soil	-



5.4 DATA SCREENING OF FULL DEPTH OF SOILS FOR VAPOUR RISK

5.4.1 It is recognised that the full depth of soil data is relevant in the context of vapour risks via volatilisation from soil, although the vapour pathway is not noted to be a risk driver for the parkland usage. As part of a precautionary approach, the full depth of data from the IDOM Merebrook investigations has been screened to identify contaminants of concern via the vapour pathway.

DETERMINAND	UNITS	NO TESTS	MAX	MEAN	POSpark S4UL at 2.5% SOM	CONTAMINANT OF CONCERN FOR VAPOUR PATHWAY
Aliphatic C5-C6	mg.kg ⁻¹	87	<1	0.7	130,000	No
Aliphatic C6-C8	mg.kg ⁻¹	87	<1	0.7	220,000	No
Aliphatic C8-C10	mg.kg ⁻¹	87	51	3.2	18,000	No
Aromatic C5-C7	mg.kg ⁻¹	87	27	1.3	84,000	No
Aromatic C7-C8	mg.kg ⁻¹	87	30	1.3	95,000	No
Aromatic C8-C10	mg.kg ⁻¹	87	35	1.4	8,500	No
BTEX	mg.kg ⁻¹	26	nd	-	-	No
Naphthalene	mg.kg ⁻¹	86	11	0.8	1,900	No

Table 5: Consideration of full depth of soil data in the context of volatilisation

5.4.2 No additional deeper soil source has been identified in the context of the volatilisation pathway and exposure outdoors in a parkland setting. The outdoor vapour pathway is not considered to be relevant to the proposed parkland setting for this site as no source is present.

SECTION 6 RISK ASSESSMENT

- 6.1 The potential sources of contamination at the site and the implications with respect to risks to human health in a range of recreational use scenarios have been interpreted in accordance with the current government guidance on source-pathwayreceptor risk assessment.
- 6.2 For future recreational land use scenarios, the exposure pathways of concern are:
 - *i.* Ingestion of soil outdoors this is the main pathway for exposure to PAH contamination;
 - *ii.* Dermal contact with soil outdoors this is a subordinate pathway for exposure to PAH contamination; and
 - *iii.* Inhalation of dust outdoors. This pathway is not a risk driver for PAH but is the key pathway for asbestos exposure.
- 6.3 Given the active pathways for this parkland scenario, the contamination status of surface soils is relevant. Contamination in deeper soils is not relevant to human health in this land use setting as there will be no direct contact between site users and the deeper soils and no dust will be generated from these deeper soils.
- 6.4 The investigations demonstrate that the former uses of the site have resulted in contamination of near-surface soils with certain polyaromatic hydrocarbon compounds and asbestos, both as fibres in soil and as fragments of asbestos-containing material. The chemical quality of deeper soils has only been considered

in the context of vapour risks to health and no additional contaminants of concern have been identified by the screening exercise. Ground gas is not considered to pose a risk to health or property on site given the lack of structures or confined spaces in the current and future recreational land use scenario. These materials are considered for their potential to act as sources for a number of pollutant linkages.

6.5 This report does not consider risks to controlled waters which may necessitate further monitoring, management or assessment.

6.6 **Risk to health from PAH contamination**

- 6.6.1 Ingestion of soils and dermal contact with soil are the relevant pathways for PAH exposure.
- 6.6.2 The results suggest that for mobile recreational activities, such as walking through the site, exposure to average PAH concentrations would be insufficient to trigger a risk to health.
- 6.6.3 For more static recreational activities (such as playing, picnicking) which may take place in locations where PAH concentrations may be higher than the average, then a risk to health may be present if soils are bare due to sparse vegetation cover. It is noted that this situation would only occur in very limited areas of the site or if unrestricted disturbance of the site surface is permitted.

6.7 **Risk to health from asbestos contamination**

- 6.7.1 Inhalation of dust (including asbestos fibres) outdoors is the relevant pathway for asbestos exposure.
- 6.7.2 The potential for asbestos fibre generation is controlled by the nature and condition of the asbestos material, soil moisture content, vegetation cover and the degree of activities that may disturb surface soils. Where soils are moist and there is good vegetation cover, then asbestos fibre generation would not be expected to be significant. Asbestos fibre generation is possible where dry, bare soils are present, particularly if activities on site degrade the vegetation cover and disturb surface soils.
- 6.7.3 A range of asbestos types has been identified in shallow soils, each with differing fibre release potential and risk profiles. The presence of chrysotile cement-based materials is considered to be associated with a low risk of fibre release as the asbestos is largely bound within the cement product and chrysotile is the least hazardous mineral form of asbestos (white asbestos). In contrast, the presence of chrysotile-amosite insulation lagging and loose fibres at shallow depth (at more than trace quantities (0.035 %)) suggests that higher risk, more friable asbestos materials are present locally. These have greater potential for fibre release, in dry, unvegetated conditions, with amosite also being a more hazardous mineral form of asbestos).

6.7.4 There is considered to be a potential risk of asbestos fibre release during periods of dry dusty conditions, particularly where active disturbance of bare asbestosimpacted soils occurs. It is considered that the risk would be increased if open access were available to the site as the potential for uncontrolled ground disturbance would be greater.

SECTION 7 UPDATED CONCEPTUAL MODEL

7.1 Following completion of phases 1 and 2 of the investigation and a qualitative risk assessment, the conceptual model for the site, with relation to human health pollutant linkages, has been updated. The revised model is presented in Table 6 below.

Table 6: Revise Conceptual Site Model

POS	SIBLE POLLUTANT LIN	IKAGE	RISK		
SOURCES	PATHWAYS	RECEPTORS	CHARACTERISATION		
Localised PAH (made ground and	Contact with contaminated Human health soil (current users)		Low risk identified Made ground contains locally elevated PAH, however site is		
landfill material)	Ingestion of contaminated soil	Human health (current users)	restricted by boundary fencing limiting exposure.		
Loggiand DAH	Contact with contaminated soil	Human health (future site users)	Made ground contains locally elevated PAH however site is vegetated. The extent of future access will determine the degree of risk. Low risk identified for mobile site activities e.g. walking through site, as exposure is limited and average PAH conditions are acceptable. Low to Moderate risk identified for static site activities e.g. playing / picnicking where this activity coincides with PAH affected soils.		
Localised PAH (made ground and landfill material)	Ingestion of contaminated soil	Human health (future site users)			
Localised PAH	Contact with contaminated soil Human health (workers during preparatory and maintenance activities)		Low to moderate risk identifie Made ground contains locally elevated PAH. Direct exposure soils possible in limited areas during intrusive works. Will		
(made ground and landfill material)	Ingestion of contaminated soil	Human health (workers during preparatory and maintenance activities)	require management through health and safety protocols and careful disposal of any landfill materials that arise from excavations.		

POS	SIBLE POLLUTANT LIN	IKAGE	RISK
SOURCES	PATHWAYS	RECEPTORS	CHARACTERISATION
Asbestos (made ground and landfill material)	Inhalation of contaminated soil and dust	Human health (current users)	Low risk identified Shallow made ground and landfill material contains a range of asbestos forms from chrysotile cement based product to more fibrous amosite lagging. Site is heavily vegetated and access is currently limited by boundary fencing which limits both the potential for soil disturbance and the presence of receptors.
Asbestos (made ground and landfill material)	Inhalation of contaminated soil and dust	Human health (future site users)	Shallow made ground and landfill material contains a range of asbestos forms from chrysotile cement based product to more fibrous amosite lagging. Risk depends on extent of future soil disturbance, weather conditions, access and degree of vegetation cover. Low risk identified for mobile site activities on designated paths. This scenario anticipates walking through site on designated paths with remainder of site heavily vegetated and wider access precluded. This control measure would limit the potential for soil disturbance. Risk would be limited to any prolonged dry periods. This approach would need to be underpinned by reassurance monitoring to confirm that asbestos is not being included in dust generated from the site. Moderate risk identified for unrestricted access through site with the site remaining predominantly heavily vegetated. This scenario allows increased potential for soil disturbance and direct contact with soils. Risk would be limited to any prolonged dry periods.

POS	SIBLE POLLUTANT LIN	IKAGE	RISK
SOURCES	PATHWAYS	RECEPTORS	CHARACTERISATION
Asbestos (made ground and landfill material)	Inhalation of contaminated soil and dust	Human health (workers during preparatory and maintenance activities)	Moderate risk identified Shallow made ground and landfill material contains a range of asbestos forms from chrysotile cement based product to more fibrous amosite lagging. Direct exposure to soils possible in limited areas during intrusive works. Will require management through health and safety protocols and careful disposal of any landfill materials that arise from excavations.
Hazardous Gas/Vapours In soil	Ingress into confined spaces	Human health (no receptor as no structures or confined spaces proposed)	n/a

SECTION 8 PRELIMINARY REMEDIATION OPTIONS AND MANAGEMENT CONTROLS

8.1 INTRODUCTION

8.1.1 The identified risks to human health at the site can be mitigated by removal of either the source, pathway or receptor. With reference to the conceptual model for the site a series of remediation and management controls are outlined below for the range of potential recreational uses that may be considered for the site.

8.2 THE CURRENT SITE USAGE

- 8.2.1 Made ground contains locally elevated PAH and a range of asbestos forms from chrysotile cement-based product to more fibrous amosite lagging. However, the site in its current form is heavily vegetated and access is limited by boundary fencing which limits both the potential for soil disturbance and the presence of receptors.
- 8.2.2 The risk to current site users with the current boundary hoarding / fencing in place is expected to be low and the site would not be expected to have potential to be classed as Contaminated Land under Part 2A of the Environment Protection Act on the basis of risks to health.
- 8.2.3 Any changes to the current status of the site in terms of removal of boundary fencing or vegetation removal would trigger a requirement for an update to this risk assessment and the Part 2A status of the site.

8.3 **REMOVAL OF ALL FENCES AND UNRESTRICTED ACCESS**

8.3.1 Based on the current degree of information, the scenario whereby all fences are removed to allow unrestricted access is considered to be associated with a potentially moderate risk from asbestos during periods of dry weather and a locally low to moderate risk from PAH where informal static activities coincide with PAH-affected soils.

- 8.3.2 If it is intended to pursue this option, then it is recommended that additional data would need to be gathered as follows:
 - *i.* Additional sampling of near surface soils with laboratory testing for PAH and asbestos;
 - *ii.* An updated risk assessment prepared on the basis of the additional soil data;
 - *iii.* Gathering a baseline of dust data from around and within the site (to include periods of dry weather) with analysis of dusts for the presence of asbestos fibres;
 - *iv.* Regular inspections of the whole site, particularly during the summer season and any prolonged dry periods to check for any areas of bare ground or soil disturbance;
 - *v.* Covering of any localised areas where landfill waste is visible at the surface with a dressing of soil or appropriate matting.
- 8.3.3 An alternative would be to clear the entire site, install a new clean cap and relandscape the area. However, it is understood that this may not be desirable due to ecological and public perception issues.
- 8.3.4 It is recommended that the current fencing remains in place until the additional data, risk assessment and management actions listed above are completed to successfully demonstrate that the future usage can be supported on a risk-basis.

8.4 ALLOWING RESTRICTED ACCESS THROUGH THE SITE ALONG FENCED PATHS WITH SITE REMAINING HEAVILY VEGETATED

- 8.4.1 Allowing restricted access through the site for walking / dog walking is considered to present a low risk, provided designated pathways are surfaced with clean material (*i.e.* not with bare site-derived soil) and assuming fencing capable of deterring human and dog access to the surrounding land is present and maintained. This option also assumes that the site remains largely heavily vegetated.
- 8.4.2 This scenario will limit the potential for disturbance of site soils and will also limit the number of receptors and their exposure duration.
- 8.4.3 In this scenario, it would be necessary to carry out the following:
 - *i.* Ensure paths are surfaced with clean materials,
 - *ii.* Install and maintain fencing along the pathway corridors and around the perimeter of the site. Fencing does not have to be solid, but should be capable of deterring human and dog access;
 - *iii.* Regular inspections of the site perimeter, pathway corridors and immediately surrounding ground, particularly during the summer season and any

prolonged dry periods to check for any areas of bare ground or soil disturbance;

- *iv.* Covering of any localised areas where landfill waste is visible at the surface, in close proximity to the site perimeter or pathway corridors, with a dressing of soil or appropriate matting;
- v. Whilst not essential from a risk assessment perspective, gathering a baseline of dust data from the site perimeter and pathway corridors (to include periods of dry weather) with analysis of dusts for the presence of asbestos fibres would provide reassurance that control measures are effective.
- 8.4.4 It is again recommended that the current fencing remains in place until the works listed above are completed and verified to ensure that the future usage can be supported on a risk-basis.

8.5 INSTALLATION OF NEW AREAS DEDICATED FOR RECREATION – PLAY AREAS OR SPORTS PITCHES

- 8.5.1 The introduction of dedicated recreational areas without mitigation would trigger a moderate risk as an increased number of receptors would use the site for an extended period of time and would be in direct contact with site soils.
- 8.5.2 The introduction of dedicated recreational areas would require capping of the recreation area with clean soils. A 300 mm thickness of clean soil may be sufficient depending on the proposed usage. This would ensure that direct contact with contaminated ground is precluded and also that dust generation from activities that disturb soil will only be from clean soils. This scenario assumes that the remainder of the site remains heavily vegetated and fenced off (apart from a designated clean walking path as described above).
- 8.5.3 As the introduction of new dedicated recreation areas would increase the number of receptors in the area, it is recommended that the following risk management / monitoring activities would also be required:
 - *i.* Regular inspections of the landfill surrounding the recreation area, particularly during the summer season and any prolonged dry periods to check for any areas of bare ground or soil disturbance;
 - *ii.* Covering of any localised areas where landfill waste is visible at the surface in close proximity to the recreation area with a dressing of soil or appropriate matting;
 - *iii.* Gathering a baseline of dust data from around the recreation area (to include periods of dry weather) with analysis of dusts for the presence of asbestos fibres would provide reassurance that control measures are effective.

8.6 MANAGEMENT CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORKERS

- 8.6.1 Due to the contaminated nature of the ground, management controls would need to be in place for any activities where ground disturbance is caused.
- 8.6.2 Any arisings from the installation of fence posts would need to be disposed from site in a controlled manner with appropriate health and safety and environmental controls employed by the contractor during the works.
- 8.6.3 The site should be subject to regular inspections as set out in the sections above.
- 8.6.4 The contaminated nature of the ground should be addressed by the Health and Safety file for the site with any activities that require ground disturbance triggering the requirement for a task specific method statement.

8.7 OTHER ISSUES

8.7.1 This report does not address any potential risks to controlled waters. It is possible that ongoing monitoring of groundwater wells may be required to determine any trends in groundwater impact over time. Engagement with the Environment Agency is recommended.

APPENDIX 1 • Drawings



	Legend			
		Site bounda	ry approximately	
	TPref	Socotec trial	pit with location refe	erence (2022)
	MTPref	Merebrook ti 2021)	rial pit with location re	eference (June
	O MWSref	Merebrook v reference (J	vindow sample with l une 2021)	ocation
	⊕ CPTref	Cone penetr (June 2021)	ation test with location	on reference
	MHPref	Approximate	e Merebrook hand au ce (Feb 2017)	ger locations
	0	Approximate	e Merebrook window	sample location
		Approximate	e Merebrook trial pit l	ocation with
	MTPref	reference (J	uly 2015)	
HILL FILL				
T				
	First loove			18/07/2023 -
	ISSUE DE	TAILS		FO LMH LMH DWN CHD APP'D
	ISSUE PUI	RPOSE	PRELIMINARY	
	CLIENT			
		Shep	way District Co	ouncil
	PROJECT			
		l S	Princes Parade Seabrook, Hvth	e e
		_	, , , , , ,	-
	DWG TITL	E		
		Site Inve	stigation Locati	ons Plan
	DWG NO.			
	SCALE		17436ai-304-004	FRAME DIMS (mm)
	1 DRAWN	:2000	July 2023 CHECKED	(A1) 791 x 544 APPROVED
		FO	LMH	LMH
		Registe Website: www.me	ered Office: Cromford Mills, Mill La rebrook.co.uk t: +44(0)1773 829 9	ne, Matlock, Derbyshire, DE4 3RQ 988 e: info.derbyshire@idom.com

APPENDIX 2 • Exploratory Hole Logs

	daga	Offic	ces:			Plant: JCB Excavato	or		Trialpit No
	born	Belper: 01773 829988 Keston: 01689 889980		: 01773 829988 1: 01689 889980		Co-ords:			MTP1
	TIEIEDIOOK	email	: consulting	j@merebroo	k.co.uk				Sheet 1 of 1
Project	Name Parada		F	Project No).	Dimensions (m):			Date 17/06/2015
Locatio	on: Hythe, Kent			17430A1		Depth (m) 2.60	2.00		Scale 1:25
Client:	Shepway District	Counc	il						Logged By GOB
Samp	les & In Situ Testing	Water	Depth in met	tres Legend		Stratum D	escription		
0.30-0.40	D,J D,J		0 0 (0.90)	.50	Rough g clayey S brick frag MADE G frequent plastic, g MADE G frequent and rubb electrical bgl. Sus wooden	ROUND comprised densilandiil waste, Waste indi	mposed of firm brow gravels and occas n brown slightly sar k fragments, occasi ells and cobbles. nse brown silty san rete and rootlets. n brown silty gravel agments, cobbles, at 0.7 m bgl. Larg tt 0.8 m bgl. Old win countered at 1.1 m l be brown gravelly cla	vn slightly sar ional red ndy clayey SII onal dy GRAVEL v ly CLAY with plastic, glass e rusted ing at 1.0 m bgl. Large	ndy
2.00-2.20	D,J		(1.10)	.60	equenticoncrete wheel, te aerosol o	fragments, glass bottles, xitiles, plastic bottles (det ans. Two large animal bo Trialpit C	wooden fragments ergent, bleach, sha ones encountered a	, batteries, a mpoo etc.), t 1.9 m bgl	-2
									-3
Remarks	Backfilled with arisings				IV IP PI	N - in-situ hand vane P - in-situ pocket penetro D - in-situ photoionizatior	meter I detector	D - small dis J - amber gl V - amber g B - bulk dist	turbed sample (tub) ass jar (250ml) ass jar (60ml) urbed sample
	~~	Offices:			Plant: JCB Excavator		Trialpit No		
-----------------------	--------------------------	--------------------------------------	----------------------	---	--	---	--		
	orn	Belper: 01773 Keston: 01689	3 829988 9 889980		Co-ords:		MTP2		
	IEIEDIOOK	email: consulti	ing@merebrool	k.co.uk			Sheet 1 of 1		
Project Na	ame Parado		Project No).	Dimensions (m):		Date		
Location:	Hvthe. Kent		17430A1		Depth (m)	2.00	Scale		
	y ,				2.60		1:25		
Client:	Shepway District	Council					Logged By GOB		
Samples	& In Situ Testing	Water Depth in n	netres Legend		Stratum Descr	iption			
0.30-0.50 D 0.40 D	ре незитя 0,J 0,J	(0.50) (0.40) (0.90) (0.60)	0.50 0.90 1.10	Rough g soft to fin rootlets, asbestos MADE C slightly s wooded slab reco MADE C fine to co MADE C frequent slate, gla bottles (i promine bgl.	ROUND composed of possibly andy GRAVEL with occasional ragments, occasional sector of possibly andy GRAVEL with occasional fragments, occasional shells ar overed at 0.8 m bgl. ROUND comprised brown clay barse sub angular to sub round ROUND composed of firm brown landfill waste. Wastes included uss bottles and fragments, ruste detergent, bleach, shampoo etc at 1.5 m bgl. Silty ash and cli ROUND composed of loose da red brick and concrete blocks a astic and metals.	OPSOIL comprised of br SILT with frequent s and glass. Possible i at 0.4 m bgl. medium dense brown cl. red brick, concrete and nd plastics. Large concre ed of mixed lithologies. wn silty sandy gravelly CI i red bricks, plastics, ad metals pieces, plastic .). Wastes became more inkers encountered at 1.8	own ayey silty te EL. Gravel LAY with 3 m		
3.00 D	L,C		2.60		Trialpit Complet	ie at 2.60 m			
Remarks: E	Backfilled with arisings	I		IV IP Pl	N - in-situ hand vane P - in-situ pocket penetrometer D - in-situ photoionization dete	D - small o J - amber ctor V - amber B - bulk d	disturbed sample (tub) glass jar (250ml) glass jar (60ml) isturbed sample		

	doo	n	Off Belg	ces: per: 01773	8299	88		Plant: JCB Excavat		Trialpit No	٦	
IVZIč	ner	rebrook	Kes ema	ton: 01689 iil: consultii	8899 ng@n	80 nerebrooł	k.co.uk	Co-ords:			Sheet 1 of 1	
Project	Name				Pro	ject No	•	Dimensions (m):			Date	-
Princes	Parad	de			174	, 136A1			2.00		17/06/2015	
Locatio	on: H	lythe, Kent			•			Depth (m) 3.00			Scale 1:25	
Client:	S	hepway District	Coun	cil				-			Logged By GOB	
Sampl	les & In S	Situ Testing Besults	Water Strike	Depth in m (thickne	netres ss)	Legend		Stratum E	Description	I		
Bopartiny	1300	Toolike		(0.60)	0.60		Rough g brown so rootlets a glass frag	rasses / thistles / nettles off to firm clayey sandy sli and red brick fragments, o gmeents, ceramics and v	over MADE GROUI ght gravelly SILT w occasional plastic, t /hole red bricks.	ND comprisec ith frequent armac and	l of	
1.00-1.10	D,J			(0.90)	0.00		MADE G with freq bricks, co wiring, ta shampoo	ROUND composed of firn uent landfill waste. Wast oncrete, ceramics, glass l irmac, plastic bags, plas o etc.) and textiles.	n dark brown silty s e included rusted r pottles, wooden fra lic bottles (deterger	andy gravelly netals, red gments, nt, bleach,	/ CLAY	1
					1.50		MADE G	ROUND composed of fire	n arev reworked C	AY.		
				(0.40)	1.60 2.00		MADE G with freq bricks, co wiring, ta shampoo	ROUND composed of firm uent landfill waste. Wast poncrete, ceramics, glass I irmac, plastic bags, plas o etc.) and textiles.	n dark brown silty s e included rusted n pottles, wooden fra- tic bottles (deterger	sandy gravelly netals, red gments, nt, bleach,	CLAY	2
2.00-2.20	D,J			(0.50)			MADE G frequent landfill w	HOUND composed of da red bricks, tarmac and w aste. Slight hydrocarbon	rk brown sandy gra ooden fragments a odour.	nd plastic	m - - - -	
				(0.50)	2.50		MADE G with lens Waste in fragment bgl.	ROUND composed of firn es of dark grey sandy sill cluded glass bottles, ash s and plastics. Large cor	n brown / dark grey and occasional lar , clinkers, red brick crete slab encount	v silty gravelly ndfill waste. s, wooden ered at 2.2 m	CLAY	
					3.00	*****		Trialpit C				3
											-	,
											- - - - - -	
Remarks	Backfi	illed with arisings					IV IP PI	N - in-situ hand vane P - in-situ pocket penetro D - in-situ photoionization	meter n detector	D - small dis J - amber gl V - amber g B - bulk dist	sturbed sample (tub) ass jar (250ml) lass jar (60ml) urbed sample	

	daga	Offic	ces:			Plant: JCB Excavate	or		Trialpit No
	porobroc	Belpo Kesto	er: 01773 829 on: 01689 889	9988 9980		Co-ords:			MTP4
		NK ^{emai}		merebrook	.co.uk				Sheet 1 of 1
Project	Name		Pr	roject No.	•	Dimensions (m):			Date
	n. Hythe Kent		17	430A I		Denth (m)	2.00		Scale
						2.70			1:25
Client:	Shepway Dis	trict Counc	cil						Logged By GOB
Samp	les & In Situ Testing	Water	Depth in metres	s Legend		Ι Stratum Γ	escription		
0.30-0.50 0.90-1.00	D,J	Suike	(0.40) 0.40 0.60 (0.50)	0	Rough g soft to fin rootlets a MADE C GRAVEI rootlets, MADE C frequent	rasses / thistles / nettles d m clayey sandy slight gra and occasional red brick f iROUND composed of po with frequent red brick fr plastics and wooden frag iROUND composed of po red brick fragments, occa	over TOPSOIL con velly SILT with free ragmeents. ssibly medium den ragments, occasior ments. ssibly loose silty gr asional slate and gl	nposed of brow quent ise clayey silty nal glass, ravelly SAND ass.	vn
2.00-2.20	D,J		1.10		MADE G frequent concrete tarmac f shampoo	ROUND composed of bro landfill waste. Waste incl fragments, batteries, gla agments, plastic bags an o etc.).	own silty sandy gra uded rusted metals ss bottles, wooden d bottles (deterger	velly CLAY wi s, red bricks, fragments, t, bleach,	-1 th - - - - - - - - - - - - - - - - - -
			2.70	0		Trialpit C	complete at 2.70 m		
									- - 4 - - - - - - - - - - - - -
Remarks	Backfilled with arisings				IV IP Pl	N - in-situ hand vane P - in-situ pocket penetro D - in-situ photoionizatior	meter n detector	D - small dis J - amber gl V - amber g B - bulk dist	l sturbed sample (tub) ass jar (250ml) lass jar (60ml) urbed sample

	dom	Offices:	1773 8200	288	Plant: JCB Excavator	Trialpit No
	nerebrook	Keston: 0 email: con	1689 8899 Isulting@n	980 980 nerebrook.co.ul	Co-ords:	MIP5
Project	Name		Pro	iect No.	Dimensions (m):	Date
Princes	Parade		174	436A1	2.00	17/06/2015
Locatio	on: Hythe, Kent				Depth (m) 1.70 $\stackrel{\text{O}}{\leftarrow}$	Scale 1:25
Client:	Shepway District	Council				Logged By GOB
Samp Depth (m)	Ies & In Situ Testing Type Results	Water Depth Strike (th	n in metres ickness)	Legend	Stratum Description	
		(0.5	30) 0.30	Rou to fir and	gh grass / nettles / weeds over TOPSOIL composed in clayey sandy slight gravelly SILT with frequent ro occasional red brick fragmeents.	of brown soft otlets
0.40-0.60 0.60	D,J D	(0.	50)	occa asbe	sional rootlets and bricks and rare shells and glass. stos cement fragment encountered at 0.6 m bgl.	Suspected
			0.80	MAL GRA fragi	E GROUND composed of brown / orange / light bro VEL with frequent landfill waste. Waste included re- nents, glass, metals, wood plastic bags and bottles.	wn silty sandy d bricks and - 1 - 1
1.50	D,J	(0.9	90)			-
			1.70	××××	Trialpit Complete at 1.70 m	
						-2
						- 3
						4
Remarks	Excavator broke down durin	g excavation. E	Backfilled wi	th arisings	IVN - in-situ hand vane D IPP - in-situ pocket penetrometer J PID - in-situ photoionization detector V B	- small disturbed sample (tub) - amber glass jar (250ml) - amber glass jar (60ml) - bulk disturbed sample

				Offices:			Equipmer	nt and Methods	Window Sample	No
17		m		Belper: 0 Keston: 0	1773 829988 1689 889980		Premier wind	dowless sample drilling	MWS1	
<u>I</u> VZ		ereb	roc	K email: cor	nsulting@merebr	ook.co.uk	e''		Sheet 1 of 1	
Pro	ject N	ame			Project I	No.	Co-ords		Hole Type	
Prir	nces P	arade			17436A	1			WLS	
	ation:	Hythe,	rent						5cale 1:25	
							0.000		Logged By	
Clie	ent:	Shepw	ay Dis	trict Council			Dates:	18/06/2015	GOB	
Well	Water Strike	Sample	es & In	Situ Testing Results	Depth in metres (thickness)	Legend		Stratum Descr	iption	
					(0.40)		Rough grasses sandy gravelly o pieces.	over TOPSOIL composed o clayey SILT with occasional	of firm brown dry slightly glass and tarmac	-
	-	0.40-0.50	D,J		(0.30)		MADE GROUN with frequent ta and occasional	D composed of firm slightly rmac gravels, ash, clinkers ceramics	sandy gravelly silty CLAY red brick fragments	-
					0.80		MADE GROUN clinkers]. MADE GROUN	D composed of loose black D composed of firm slightly	sandy GRAVEL [ash and sandy gravelly silty CLAY	
		1.00	CPT	N=8 (2,2,2,2,2,2)	(0.50)		with frequent ta and occasional	rmac gravels, ash, clinkers ceramics	red brick fragments	- 1 - -
		1.40-1.70	D,J		(0.30)		MADE GROUN [ash and clinker	D composed of loose black 's].	/ dark brown sandy GRAVEL	
		2.00	СРТ	N=18 (1,0,1,0,1,16)	(0.60)		MADE GROUN orange slightly s fragments. Grav	D composed of soft to firm I sandy gravelly CLAY with c vels medium to coarse sub a	prownish grey mottled boccasional red brick angular to sub rounded.	- 2
		2 50 2 80			(0.50)		MADE GROUN ash, clinkers an	D composed of loose dark b d red brick fragments.	Drown SAND AND GRAVEL w	rith - - -
	-	2.30-2.00	0,0		2.70		CONCRETE LA Medium dense	AYER grey clayey sandy GRAVEL		
		3.00	CPT	N=10 (3,4,3,2,2,3)	(0.80)					- 3 - - -
		4.00	СРТ	N=4	(0.50)		Medium dense sub angular to s	brown wet sandy GRAVEL. sub rounded. Sand fine to c	Gravel is fine to coarse oarse.	- 4
				(2,2,1,1,1,1)	4.10 (0.50)		Loose brown we rounded to sub	et slightly sandy GRAVEL. (rounded.	Gravel fine to coarse	
		4.50-4.80	D,J		4.60		Medium dense sub angular to s	brown wet sandy GRAVEL. sub rounded. Sand fine to c	Gravel is fine to coarse oarse.	
					4.00		Grey silty grave	Ily fine SAND. Gravel fine to	o medium rounded to	-
			Туре	Results	1	X. C. X. S.		Continued next she	et	-
Rem	narks:						IVN - in-situ h IPP - in-situ p SPT - in-situ s PID - in-situ p	and vane ocket penetrometer standard penetration test hotoionization detector	D - small disturbed sample J - amber glass jar (250ml) V - amber glass jar (60ml) B - bulk disturbed sample	(tub)

				Offices:			Equipme	ent and Methods	Window Sample N	No
17	קוס	om		Belper: 0 Keston: 0	1773 829988 1689 889980		Premier wir	ndowless sample drilling	MWS1	
IVL	JM	ereb	roc	CK email: con	sulting@merebro	ook.co.uk	lig		Sheet 1+ of 1	
Pro	ject N	ame			Project N	No.	Co-ords		Hole Type	
Prir	nces P	arade			17436A1	l	-		WLS	
Loc	ation	Hythe,	Kent				Level		Scale	
							0.000		1:25	
Clie	ent:	Shepwa	ay Dis	strict Council			Dates:	18/06/2015	Logged By GOB	
Well	Water	Sample	es & Ir	Situ Testing	Depth in metres	Legend		Stratum Descr	ription	
	ounto	5.00	CPT	N=14	5.00	\ \	sub angular.		/	/
										6
										-9
										-
										-
										-
			Туре	Results	-					-
Rem	arks:					· ·	IVN - in-situ IPP - in-situ SPT - in-situ PID - in-situ	hand vane pocket penetrometer standard penetration test photoionization detector	D - small disturbed sample (J - amber glass jar (250ml) V - amber glass jar (60ml) B - bulk disturbed sample	tub)

				Offices:			Equipmen	nt and Methods	Window Sample N	No
177		om,		Belper: 0 Keston: 0	1773 829988 1689 889980		Premier wind	dowless sample drilling	MWS2	
IVL	lm	ereb	roc	ok email: con	sulting@merebro	ook.co.uk	ng		Sheet 1 of 1	
Proi	ect N	ame			Project N	No.	Co-ords		Hole Type	
Prin	ces P	arade			17436A1		-		WLS	
Loc	ation:	Hythe,	Kent				Level		Scale	
		•					1.000		1:25	
		<u></u>					_ .		Logged By	
Clie	nt:	Shepwa	ay Dis	strict Council			Dates:	19/06/2015	GOB	
Well	Water	Sample	es & In	Situ Testing	Depth in metres	Legend	•	Stratum Descrin	tion	
	Strike	Depth (m)	lype	Results	(Inickness)		Rough grasses	over TOPSOIL composed of	firm brown dry slightly	
					0.00		sandy gravelly c	layey SILT.		-
					0.20	****	CONCRETE LA	YER		7
							MADE GROUNI gravelly CLAY w	D composed of firm brown / g vith occasional rootlets, red b	rey friable slightly sandy rick and tarmac	-
		0.40-0.60	D,J		0.50		fragments. Grav	vels fine to medium sub angul	lar to angular of	
					(0.30)		MADE GROUNI	D composed of dark brown / I	ight brown silty gravelly	-
					0.80		SAND with frequ	uent red brick and tarmac pie	ces, ash and cinders.	_
							orange clayey S	D composed of soft to firm bro GILT with occasional lenses of	ownish grey mottled f fine grey sand,	-
		1.00	CPT	N=4 (1,1,1,1,1)			gravels, rootlets	, red brick fragments and rar	e tarmac gravels.	-1
					(0.80)					-
		1.00-1.50	D,J		(0.00)					-
										-
					1.60					-
					1.00		Loose grey silty	gravelly SAND with occasion	al red brick and	-
					(0.40)		tarmae nagmen			-
										-
		2.00	CPT	N=16 (3,3,4,4,4,4)	2.00		Loose grey silty	gravelly fine to coarse SAND). Gravels fine to	-2
	<u> </u>				(0.30)		coarse sub roun	ided.		-
	$\mathbf{\Sigma}$				2.30		Loose brown we	et sandv GRAVEL. Gravels fi	ne to coarse rounded to	-
					(0.40)		sub rounded.	·		-
					(0.40)					-
		2.50-2.80	D,J		2.70		Medium dense l	brown wet sandv GRAVEL.	Gravel is fine to medium	-
							sub angular to r	ounded, with occasional coar	se gravels. Sand	-
		3.00	СРТ	N=12						-3
				(5,3,3,3,3,3)						-
										-
					(1.30)					
										-
										+
		4.00	СРТ	N=35	4.00	[1933년 -				4
				(7,9,10,9,8,8)				End of Window Sample at 4	1.00 m	-
										-
										$\left \right $
										-
			Type	Results	-					$\left \right $
Rem	arks:						IVN - in-situ h	and vane	D - small disturbed sample (tub)
							IPP - in-situ po	ocket penetrometer	J - amber glass jar (250ml)	,
							PID - in-situ p	hotoionization detector	B - bulk disturbed sample	
							1			

				Offices	:		Equipmer	nt and Methods	Window Sample	No
/7		om		Belper: 0 Keston: 0)1773 829988)1689 889980		Premier win	dowless sample drilling	MWS3	
IVL	lm	erep	loc	OK email: co	nsulting@merebro	ook.co.uk			Sheet 1 of 1	
Proj	ect N	ame			Project I	No.	Co-ords		Hole Type	
Prin	ces P	arade			17436A1	1	-		WLS	
	ation:	Hythe,	Kent				Level		Scale	
							2.000			
Clie	nt:	Shepw	ay Dis	strict Council			Dates:	20/06/2015	GOB	
Well	Water	Sample	es & In	Situ Testing	Depth in metres	Logond		Otratum Daard		
	Strike	Depth (m)	Туре	Results	(thickness)	Legend	Bough grasses		Iption	_
					(0.30)		sandy gravelly	clayey SILT with frequent ro	otlets.	-
					0.30					_
		0.40-0.50	D.J		(0.30)		with occasional	red brick fragments and rar	e bituminous pieces.	-
			,-		0.60		Large concrete	fragment recovered at 0.5 h	n bgi.	
					0.00		MADE GROUN with occasional	D composed of soft light bro glass, red brick, clinkers an	own sandy gravelly CLAY d concrete	-
							fragments.			-
		1.00	СРТ	N=4						-1
				(1,1,1,1,1,1)						-
					(1.20)					
										-
										-
										-
		1.50-2.00	D,J		1.80			D composed of loose light h	rown clavey gravelly SAND	_
		0.00	ODT					D composed of loose light b	nowin clayey gravelly OAND.	-
		2.00	CPT	N=5 (2,1,1,1,1,2)						-2
					(0.70)					-
										-
	\square				2.50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		rown wet slightly sandy GR		_
					(0.40)		coarse rounded	I to sub rounded.		-
					(0.40)					-
					2.90		Medium dense	orangish grey sandy GRAVI	EL. Gravel fine to coarse	-
		3.00	CPT	N=28 (6,6,7,7,7,7)	(2.15)		rounded to sub	rounded, fine is fine.		-3
					(0.45)					-
					3.35	-				
								End of Window Sample at	t 3.35 m	-
										-
										-
										-
										- 4
										$\left \right $
										E
										-
			Type	Resulte	_					
Rem	arks:			riodato		<u>. </u>	IVN - in-situ h	and vane	D - small disturbed sample	(tub)
							IPP - in-situ p	ocket penetrometer	J - amber glass jar (250ml) V - amber glass jar (60ml)	·/
							PID - in-situ p	hotoionization detector	B - bulk disturbed sample	
							1		1	

ole Log v2 dated 27th Nov 03 HoleBASE 3.1 (Bld 426

				Offices:			Equipmer	nt and Methods	Window Sample	No
177		om		Belper: 0 Keston: 0	1773 829988 1689 889980		Premier wind	dowless sample drilling	MWS4	
IVL	JM	ereb	roc	Correction of the second secon	nsulting@merebro	ook.co.uk	ng		Sheet 1 of 1	
Pro	ject N	ame			Project N	No.	Co-ords		Hole Type	
Prin	ices P	arade			17436A1		-		WLS	
Loc	ation:	Hythe,	Kent				Level		Scale	
							3.000		1:25	
Clie	nt:	Shepwa	av Dis	trict Council			Dates:	21/06/2015	Logged By	
	Wator	Sample	۔ & In & פ	Situ Testina	Dopth in motros				GOB	
Well	Strike	Depth (m)	Туре	Results	(thickness)	Legend		Stratum Descri	ption	
					(0.20)		Rough grasses brown dry slight	/ thistles / nettles over TOPS tly sandy gravelly clayey SIL	SOIL composed of firm T.	-
					(0.50)					-
		0 30-0 50	D.I		0.30		MADE GROUN	D composed of soft brown n	nottled orange and grey	
en -		0.00 0.00	2,0				red brick and co	oncrete fragments.	scasional sandy,	-
	- 									-
	-									-
					(1.20)					-
	- 	1.00	CPT	N=9 (1.2.2.2.3)						- 1
	-			(',_,_,_,_,_,_,_,						-
										-
		1 00 0 00			1.50					-
		1.00-2.00	D,J		1.50		MADE GROUN	D composed of soft brown / ete and tarmac fragments	grey clayey SAND with rare	_
					(0.40)					-
					1.00					-
	3	2.00	CPT	N=6	1.90		Loose brown cla	ayey sandy GRAVEL. Grave	I fine to coarse sub	-2
	2.00 CPT N (2,2,1		(2,2,1,2,2,1)	(0.30)		anguna to cao i			-	
	-	2.00-2.50	D,J		2.20		Loose brown sa	andy GRAVEL. Gravel fine to	coarse sub angular to	
	-						sub rounded.			-
										-
					(0.90)					-
	- - -									-
										-
		3.00	CPT	N=15 (3,3,3,4,4,4)	3 10					-3
							Medium dense sub angular to s	clayey slightly sandy GRAVI sub rounded.	EL. Gravel fine to coarse	-
	-									-
					(0.90)					-
										-
		4.00	СРТ	N=9	4.00			End of Window Sample at	4.00 m	4
				(3,2,2,2,2,3)						-
										-
										-
Rom	arke		Туре	Results						
	ы NЭ .						IVN - in-situ h IPP - in-situ p	and vane ocket penetrometer	D - small disturbed sample J - amber glass jar (250ml)	(tub)
							SPT - in-situ s PID - in-situ p	standard penetration test hotoionization detector	V - amber glass jar (60ml) B - bulk disturbed sample	
							P			

				Offices:			Equipmer	nt and Methods	Window Sample	No
/7		om l	*~~~	Belper: 0 Keston: 0	1773 829988 1689 889980		Premier win rig	dowless sample drilling	MWS5	
VL		eleb)K email: cor	nsulting@merebr	ook.co.uk			Sheet 1 of 1	
Proj	ect N	ame			Project	No.	Co-ords		Hole Type	ſ
Prin	ces P	arade	Kaint		17436A	1			WLS	
	ation.	пуше,	Rent				4.000		1:25	
							-		Logged By	
Clie	nt:	Shepw	ay Dis	strict Council			Dates:	22/06/2015	GOB	
Well	Water Strike	Sample Depth (m)	es & In	Situ Testing Results	Depth in metres (thickness)	Legend		Stratum Descri	ption	
		,					Rough grasses gravelly clayey	over TOPSOIL composed of SILT with frequent rootlets.	f firm brown slightly sandy	-
					0.20		Firm brown silty	v sandy gravelly CLAY.		-
					0.40		Medium dense	brown sandy GRAVEL. Grav	vel fine to coarse sub	_
					0.60)=====	Firm greyish bro	own mottled orange CLAY w	ith occasional sand and	_
							gravels.			-
		1.00	ODT	N O						
		1.00	GPT	N=9 (1,2,2,2,2,3)						- 1
										-
										-
					(2.00)					-
										-
										-
		2.00	CPT	N=12 (1,1,1,1,3,7)						-2
										-
										-
	\bigtriangledown									-
					2.60) * * * *	Medium dense	brown wet silty sandy GRAV	EL.	-
					2.80) <u>×.×.×.×.</u> <u>×.×.×.×</u> ×. <u>.×.×.×.×</u>	Soft grey claye	y SILT.		_
		3.00	CPT	N=5	3.00			End of Window Sample at	3.00 m	3
				(1,1,1,1,1,2)				·		-
										-
										-
										-
										-
										- 4
										-
										-
										-
			Туре	Results	-				I	-
Rem	arks:						IVN - in-situ h IPP - in-situ p SPT - in-situ s PID - in-situ p	and vane ocket penetrometer standard penetration test hotoionization detector	D - small disturbed sample J - amber glass jar (250ml) V - amber glass jar (60ml) B - bulk disturbed sample	(tub)
L							1			

				Offices:			Equipmer	nt and Methods	Window Sample No
177		om,		Belper: 0 Keston: 0	1773 829988 1689 889980		Premier win	dowless sample drilling	MWS6
IVL	JM	ereb	roc	K email: cor	nsulting@merebr	ook.co.uk	ing ing		Sheet 1 of 1
Proj	ject N	ame			Project I	No.	Co-ords		Hole Type
Prin	ices P	arade			17436A	1	-		WLS
Loc	ation:	Hythe,	Kent				Level		Scale
							5.000		1:25
	nt·	Shenw	av Die	trict Council			Dates:	23/06/2015	Logged By
					1		Dutes.	20/00/2010	GOB
Well	Water Strike	Depth (m)	ES & IN	Results	Depth in metres (thickness)	Legend		Stratum Descri	ption
					0.10		Rough grasses slightly sandy g occasional red	/ shrubs over TOPSOIL con ravelly clayey SILT with free brick fragments.	nposed of firm brown juent rootlets and
		0.40-0.50	D.J		0.30		MADE GROUN occasional red coarse angular	ID composed of dense brown brick and bituminous fragme to sub angular.	n sandy silty GRAVEL with ints. Gravels fine to
			2,0		0.50 0.55		MADE GROUN with occasional	D composed of dark brown red brick and bituminous fra	/ brown sandy gravelly CLAY
	4				(0.40)			=K	
	• 4 •				0.95		frequent red bri	ick and bituminous fragment	S.
	-	1.00	CPT	N=7 (2,3,2,2,2,1)	1.00		CONCRETE C	OBBLE	
	4						with frequent re	D composed of soft black / t ed brick fragments, glass, as	h and clinkers.
	• 4				(0.60)				-
	-								-
					1.60		MADE GROUN	D composed of loose dark b	prown / grev sandy GRAVELS
							with frequent cl	inkers.	
	- - -								-
	9 	2.00	CPT	N=4 (1.1.1.1.1)	(0.90)				-2
									-
	-								-
					2.50				-
	-				2.50		MADE GROUN	ID composed of loose beige	/ yellow gravelly SAND.
	-				(0.40)				-
					2.90				
		3.00	СРТ	N=4			Concrete and b	ID composed of loose brown ituminous fragments. Gravel	s fine to coarse sub
				(1,1,2,2,0,0)			angular to sub	rounded of mixed lithologies	
	4 -				(0.70)				-
									-
					3.60				
					0.00		MADE GROUN GRAVEL. Grav	ID composed of black / dark el fine to coarse sub angular	brown loose clayey sandy r to sub rounded.
	- - -				(0.40)				-
	-	4.00	CPT	N=8	4.00				
				(4,3,2,2,2,2)			Loose brown sa rounded.	andy GRAVEL. Gravel fine to	coarse sub rounded to
									-
					(0.80)				-
									-
									ļ
					4.80	×××××	Soft to firm dar	k grev clavev sandv SII T	
						(X X X X X X X X X (X X X X) =		,,, <u></u> , <u></u>	
Pom			Туре	Results				End of Window Sample at	 _5.00 m
	iai 85.						IVN - in-situ h IPP - in-situ p	and vane ocket penetrometer	D - small disturbed sample (tub) J - amber glass jar (250ml)
							SPT - in-situ	standard penetration test	V - amber glass jar (60ml) B - bulk disturbed sample

				Offices:			Equipme	nt and Methods	Window Sample N	١o
177		om,		Belper: 01 Keston: 01	1773 829988 1689 889980		Premier wir	ndowless sample drilling	MWS7	
IVL	JM	ereb	roc	CK email: con	sulting@merebro	ook.co.uk	ilg		Sheet 1 of 1	
Pro	ject Na	ame			Project N	No.	Co-ords		Hole Type	
Prir	ices P	arade			17436A1		-		WLS	
Loc	ation:	Hythe,	Kent				Level		Scale	
							6.000		1:25	
	nt·	Shonwa	av Die	strict Council			Dates	24/06/2015	Logged By	
	· · · ·				1		Dates.	24/00/2010	GOB	
Well	Water Strike	Sample Depth (m)	es & In Type	Results	Depth in metres (thickness)	Legend		Stratum Descri	ption	
							Rough grasses	s over TOPSOIL composed of	of firm brown slightly	-
					0.20			ID composed of medium den	se brown clavey sandy GBAVE	
							with occasiona	I red brick fragments.	se brown dayey sandy chirave	Ī
					0.40		MADE GROUN	ID composed of firm dark gre	y gravelly CLAY with	
	-						occasional reu	blick and bituminous magne		-
	-				(0.70)					-
										- 1
	- -				1.10		MADE GROUN	ID composed of soft brown /	grey slightly sandy clayey	+
					(0.40)		SILT with red b and lenses of c	orick fragments, occasional bi clayey sand. Possible ashen o	tuminous fragments odour.	
	-				(0110)					-
	-				1.50		MADE GROUN	ND composed of dark grey / d	ark brown clayey silty SAND	+
							with occasiona	I gravels and red brick fragme	ents.	
	- -									-
										-
	-									-2
	3									-
										-
	-				(2.00)					
	-				(2.00)					-
										-
										-
	-									- 3
	• - •									-
										Ĺ
										-
					3.50		Soft dark grey	slightly sandy clayey SILT.		†
					(0.30)					
	4				3.80	× <u>×××</u> × ×××××	Medium donco	dark brown clavey condy CE	AVEL Gravel fine to	+
							coarse rounde	d to sub rounded, sand medi	um to coarse.	-
					(0.40)					- 4
					4.20		Medium donco	brown / dark brown candy C	BAVEL Gravel fine to	+
							coarse rounde	d to sub rounded, sand medi	um to coarse.	-
										ĺ
					(0.80)					-
										-
			Turce	Doculto	-	<u> - 1988</u> -				+
Rem	arks:		i ype	กษอนแอ	1	ı I	IVNL in aitu	Eric of Window Sample at	D - email disturbed complet (*	
							IPP - in-situ I	pocket penetrometer	J - amber glass jar (250ml)	uu)
							PID - in-situ	standard penetration test photoionization detector	v - amber glass jar (60ml) B - bulk disturbed sample	
							1			

HoleBASE 3.1 (Bid 426.48) Standard Borehole Log v2 dated 27th Nov 03

				Offices:			Equipment and Methods	Window Sample No
17		om		Belper: 0 ⁻ Keston: 0 ⁻	773 829988 689 889980			MWS7A
IVL	JM	erep	roc	OK email: con	sulting@merebro	ook.co.uk		Sheet 1 of 1
Proj	ject N	ame			Project N	No.	Co-ords	Hole Type
Prin	ices F	arade	Kaiat		17436A1		· 	Ocela
LOC	ation	пуше,	Rent				Level	1:25
<u> </u>		0					.	Logged By
Clie	nt:	Shepw	ay Dis	strict Council			Dates: -	
Well	Water Strike	Depth (m)	es & In Type	Results	Depth in metres (thickness)	Legend	Stratum De	escription
							End of Window Sam	ple at 0.00 m
								-
								-
								-
								-
		1.00	СРТ	N=4				- 1
				(1,1,1,1,1,1,1)				-
								-
								-
								-
								-
		2.00	CDT	N 4				-
		2.00	OFT	(1,1,1,1,1,1)				- 2
								-
								-
								-
								-
								-
		3.00	СРТ	N=5 (1.1.1.1.1.2)				-3
				(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				-
								-
								-
		4 00	СРТ	N=18				- 4
			0. 1	(5,4,4,4,4,6)				-
								-
								-
								-
								-
			Туре	Results			1	
Rem	arks:						IVN - in-situ hand vane IPP - in-situ pocket penetrometer SPT - in-situ standard penetration tes	D - small disturbed sample (tub) J - amber glass jar (250ml) st V - amber glass jar (60ml) B - bulk disturbed sample
							ישריון - ישריווי-אונגע אווטנטוטוועמנוטרו שי	D - DUIK UISUUDEU SAMPle

												Borehole No.	
			D	DM					Βοι	rehol	le Log	CP101	
				Proio	oct No							Sheet 1 of 3	
Project I	Name:	Princes	s Parade	2228	51			Co-ords:	. (518708E - 1	134866N	1:50	
Locatior	1:	Hythe,	Kent					Level (m): 7	7.37		Logged By SJM	
Equipme	ent:	SDA Sit	e Investiga	ation				Dates:		27/04/2022	1	Checked By	
		•				6							
Well	Wtr Strk	Depth (m)	Tvpe	Results	FI	TCR SC	g Cr rqd	Depth (m)	Level (m)	Legend	Stra	tum Description	
	•	0.50 - 1.00	В								MADE GROUND comprisir Gravels are coarse subang	ng soft brown slightly gravelly sandy clay. Jular brick. Sands are coarse.	-
		0.50 - 1.00 0.70	D										1 -
		1.20	D										
		1.50 - 1.95 1.50 - 2.00 1.50 - 2.00 1.50	D B D SPT(S)	N=5 (1,0/1,1,2,1)				1.50	5.87		MADE GROUND comprisir gravelly sandy clay. Gravel plastic and wood. Sands a	ng soft becoming firm dark grey very s are coarse subangular brick, glass, re coarse.	2 —
	•	2.50 - 2.95 2.50	D SPT(S)	N=3 (1,0/0,1,1,1)									3 -
	0 0 0 0	3.50 - 3.95 3.50	D SPT(S)	N=6 (1,1/2,1,1,2)									4
	•	4.50 - 4.95 4.50	D SPT(S)	N=5 (1,0/0,1,2,2)									
		5.00 - 5.50	В					5.00	2.37		Loose brown sandy GRAV	EL. Gravels are medium to coarse	5 —
		5.50 - 6.00	В										
								6.00	1.37	×	Soft grey slightly sandy sil DEPOSITS]	ty CLAY. Sands are fine. [TIDAL FLAT	6
		6.50	D										
	•	7.00	D							×× ××			7
		7.50 - 8.00 7.50	B SPT(C)	N=50 (10,12/50 for 275mm)				7.50	-0.13	×	Very dense brown sandy (subrounded flint. Sands a	SRAVEL. Gravels are medium to coarse re coarse. [STORM BEACH DEPOSITS]	-
	• • • • • • •	9.00 - 9.50 9.00	B SPT(C)	50 (25 for 75mm/50 for 105mm)				_			Cor	ntinued on Next Sheet	8 — 9 — 10 —
D = small o J = organic V = volatile B = bulk ba SPT(C) = St SPT(S) = St	listurbed sample sample ag sampl andard I andard I	l sample (tub) (amber glass jar) (amber glass vial) e Penetration Test (Co Penetration Test (Spl	ne) lit Spoon)	HSV = hand shear PP = pocket penel PID = photoionisa FI = fracture index TCR = total core re SCR = solid core re RQD = rock quality	vane (romet tion de cover cover y desig	kPa) er (kg.cm2) etector (ppn y y nation	n)	Remarks Coordinat The user Services	s is respons checked a	vels, where i sible for verif and C.A.T. clo	indicated, must not be user ying all site and setting our eared prior to drilling.	d for design purposes. t dimensions.	

		1		n						Boi	reho		Borehole No.	
											CIIO	le Log	Sheet 2 of 3	
Proiect I	Name:	Princes	s Parade	Proje	ect No	Э.			Co-ords:	6	518708E -	134866N	Scale	
,		Liuth o	Kont	2228	1					\	7.77		1:50 Logged By	
Location	1:	Hytne,	Kent						Level (m): ,	/.3/		SJM Checked By	
Equipme	ent:	SDA Sit	e Investiga	ition					Dates:	2	27/04/202	1		
Well	Wtr Strk	Sam Depth (m)	ple and In	Situ Testing Results	FI	Cor	ing _{SCR}	RQD	Depth (m)	Level (m)	Legend	Stra	tum Description	
												Very dense brown sandy of subrounded flint. Sands a	GRAVEL. Gravels are medium to coarse re coarse. [STORM BEACH DEPOSITS]	
		10.50	SPT(C)	N=3 (1,0/0,1,1,1)										-
									11.50	-4.13				11 -
		12.00 - 12.50 12.00	B SPT(C)	N=33 (5,6/7,7,9,10)								Loose becoming dense br angular shell and flint. Sau DEPOSITS]	own gravelly SAND. Gravels are fine nds are medium. [STORM BEACH	12 -
		12.80 - 13.30	В						12.50	-5.13	× × × × × × × × × ×	Very stiff bluish grey silty	CLAY. [WEALD CLAY FORMATION]	13 -
		13.50 - 13.95	U	Ublow=30										
		14.00	D											14 -
		14.50	D											-
		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											-
		18.00 - 18.45 18.00	D SPT(S)	N=41 (6,9/10,10,10,11)										18 -
	X	19.00	D								×× ××			19 —
		19.50 - 19.95	U	Ublow=50										
		20.00	D						-		<u>`x</u>	Co	ntinued on Next Sheet	20 -
D = small d J = organic V = volatile B = bulk ba SPT(C) = St SPT(S) = St	disturbe sample sample ag samp tandard sandard	d sample (tub) (amber glass jar) e (amber glass vial) le Penetration Test (Co Penetration Test (Spl	ne) lit Spoon)	HSV = hand shear PP = pocket penel PID = photoionisa FI = fracture indew TCR = total core re SCR = solid core re RQD = rock qualit	vane (tion de covery covery y desig	(kPa) ter (kg.cn etector (p y y nation	n2) opm)		Remarks Coordinat The user i Services o	es and le s respons checked a	vels, where i sible for verit	indicated, must not be use fying all site and setting ou eared prior to drilling.	d for design purposes. t dimensions.	

														Borehole No.	
			D	Dſ	n						Bor	reho	le Log	CP101	
					Proje	ect No	<u> </u>							Sheet 3 of 3	
Project N	lame:	Princes	Parade		2228	31				Co-ords:	ε	518708E -	134866N	1:50	
Location	:	Hythe,	Kent							Level (m): 7	7.37		Logged By SIM	
Equipme	nt:	SDA Sit	e Investiga	ation						Dates:	2	27/04/202	1	Checked By	
	Wtr	Sam	ple and In	Situ Testin	g		Со	ring		Depth	Level				
Well	Strk	Depth (m)	Туре	Re	sults	FI	TCR	SCR	RQD	(m)	(m)	Legend	Stra	tum Description	
													Very stiff bluish grey silty (CLAY. [WEALD CLAY FORMATION]	
		20.50	D												-
		21.00 21.45										××			
		21.00 - 21.43 21.00	SPT(S)	N=38 (5,	5/8,8,10,12)										21 -
												××			-
												××			
		22.00	D									××			22 -
		22.50 - 22.95	U	Uble	ow=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	Ublo	w=100							××			
		26.00	D									××			26 -
												××			
		26.50	D							26.60	-19.23	×	Blueish grey SILTSTONE. [\	WEALD CLAY FORMATION]	
		27.00 - 27.45	в									× × × × × × × × × × × × × × × × × × × ×			27 —
		27.00 - 27.50 27.00	B SPT(S)	50 (12)	.13/50 for							× × × × × × × × × × × × × × × × × × ×			
				10	ōmm)							× × × × × × × × × × × × × × × × × × ×			-
		28.00 - 28.45	в									× × × × × × × × × × × × × × × × × × ×			28 -
												× × × × × × × × × × × × × × × × × × ×			
		28.50	SPT(S)	50 (16,9/5	60 for 70mm)					28.45	-21.08	××××××	End	of Borehole at 28.45m	
															29 -
															-
				<u> </u>											30 -
D = small d J = organic V = volatile B = bulk ba SPT(C) = Sta	isturbeo sample sample g sample andard	d sample (tub) (amber glass jar) (amber glass vial) e Penetration Test (Co	ne)	H P Fi Ti Si	SV = hand shear P = pocket pene D = photoionisa = fracture index CR = total core n CR = solid core n	vane (tromet tion de covery ecovery	kPa) er (kg.c tector (/	:m2) (ppm)		Remarks Coordinat The user Services	s tes and lev is respons checked a	vels, where sible for veri ind C.A.T. cl	indicated, must not be used fying all site and setting out eared prior to drilling.	d for design purposes. t dimensions.	
581(5) = Sta	muard	-enerration lest (Spl	ic spoon)	R	QD = rock qualit	y desig	nation								

													Borehole No.	
			D		m					Βοι	reho	le Log	CP102	
													Sheet 1 of 3	
Project Nar	me:	Princes	s Parade		Proje 2228	ect No 31).		Co-ords:	: 6	518676E -	134837N	Scale 1:50	
Location:		Hythe,	Kent						Level (m	ı): 7	7.18		Logged By SJM	
Equipment:	:	SDA Sit	te Investiga	tion					Dates:	ź	22/04/202	21	Checked By	
Well W	Vtr	Sam	ple and In	Situ Test	ing		Со	ring	Depth	Level	Legend	Stra	tum Description	
St	trk	Depth (m)	Туре	1	Results	FI	TCR	SCR RC	D (m)	(m)		Dry vegetation overlying N	' MADE GROUND comprising soft brown	
		0.20	D									gravelly sandy clay. Gravel and concrete. Sands are c	ls are medium to coarse angular brick oarse.	
		0.30 - 1.00	D											
		1 20												1 -
		1.20	D						1.50	5.68				
		1.50 - 2.00 1.50	B SPT(S)	N=7	(1,2/2,2,3,0)							Gravels are coarse subang are coarse.	ng firm brown very gravelly sandy clay. gular brick, glass, plastic and wood. Sands	
														2 -
		2.50 - 2.95	D											-
		2.50	SPT(S)	N=3	(1,0/0,1,2,0)									.
									3.00	4.18		Loose brown slightly sand subrounded flint. Sands a	y GRAVEL. Gravels are fine to medium re coarse. [STORM BEACH DEPOSITS]	3
		3.50 - 4.00	B SPT(S)	N-9	(2 2/2 2 2 0)									-
		3.30	5FT(5)	11-5	(2,2/3,3,3,0)									
												•		
		4.50 - 5.00 4.50	B SPT(S)	N=13	(2,3/4,4,5,0)							9 4 - -		-
												• • •		5 -
												9 • •		
		5.50 - 6.00	В						5.50	1.68		Stiff becoming very soft gr medium. [TIDAL FLAT DEP	rey slightly sandy CLAY. Sands are OSITS]	
		6.00 - 6.45	D											6 -
		6.00	SPT(S)	N=1	(1,0/0,1,0,0)									
		7.00	D											7 -
		7.50 - 7.95	D											. -
		7.50 - 8.00 7.50	B SPT(S)	N=4	(1,0/1,0,1,2)				7.05	0.77		- - - -		
									7.95	-0.77		Dense brown medium to [STORM BEACH DEPOSITS	coarse subrounded flint GRAVEL.]	8 —
												•		-
		0.00 0.50	Р									~ •		
		9.00 - 9.30	SPT(C)	N=41 (2,5/8,8,10,15)							•		
												9 9 9		-
		10.00 - 10.50	в						10.00	-2.82		• •	ntinued on Next Sheet	10 -
						1			Pamarle				initial of next sheet	1
D = small distu J = organic san V = volatile sar B = bulk bag sa SPT(C) = Stand SPT(S) = Stand	urbed sa mple (ar mple (a ample dard Per lard Per	ample (tub) nber glass jar) mber glass vial) netration Test (Co netration Test (Sp	one) lit Spoon)		PP = pocket pene PID = photoionisa FI = fracture index TCR = total core r SCR = solid core r RQD = rock qualit	vane (tromet ition de cover ecover y desig	⊾ra) er (kg.c tector (⁄ ⁄ nation	:m2) (ppm)	Coordinat The user Services	tes and le is respons checked a	vels, where sible for ver ind C.A.T. c	indicated, must not be used ifying all site and setting out leared prior to drilling.	d for design purposes. t dimensions.	

	3.7										Borehole No.	
		D	DM					Bor	eho	le Log	CP102	
											Sheet 2 of 3	
Project Name	e: Princes	s Parade	Proj 222	ect No 81	Э.		Co-ords	: 6	518676E - 1	134837N	Scale 1:50	
Location:	Hythe,	Kent	·				Level (m	n): 7	'.18		Logged By SIM	
Equipment:	SDA Sit	e Investiga	tion				Dates:	2	2/04/202	1	Checked By	
Wtr	Sam	ple and In	Situ Testing		Cor	ing	Depth	Level		Churc		
Strk	Depth (m)	Туре	Results	FI	TCR	SCR RC	(m)	(m)	Legend	Stra	tum Description	
	10.50 - 11.00 10.50 12.00 - 12.50 12.00 13.00 13.50 - 13.95 13.50 14.00 - 14.50	B SPT(C) B SPT(C) D SPT(S) B	N=50 (8,10/50 for 275mm) N=27 (2,4/5,7,6,9) N=11 (3,2/2,2,3,4)				12.00	-4.82		Very dense vellowish brov coarse subrounded flint. S FORMATION] Medium dense greenish b fine to coarse subrounder coarse. [STORM BEACH DI Stiff becoming hard bluish FORMATION]	wn gravelly SAND. Gravels are medium to Sands are coarse. [ATHERFIELD CLAY prown slightly gravelly SAND. Gravels are i to angular flint and shells. Sands are EPOSITS]	
	15.00 16.00 16.50 - 16.95 17.00 17.50 18.00 - 18.45 18.00 19.00 19.50 - 19.95	SPT(S) D U D D SPT(S) D U U	N=29 (3,3/7,7,8,7) Ublow=60 N=50 (6,10/50 for 275mm) Ublow=80									
D = small disturbu J = organic sampl V = volatile samp B = bulk bag samp SPT(C) = Standard SPT(S) = Standard	16.00 D 16.50 - 16.95 U 17.00 D 17.00 D 17.50 D 18.00 - 18.45 D 18.00 - 18.45 D 19.00 D 19.00 D 19.00 D 19.00 D 19.00 D HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PD = photoionisation detector (ppm) Fisturbed sample (tub) sample (amber glass vial) ag sample tandard Penetration Test (Cone) andard Penetration Test (Cone) andard Penetration Test (Split Spoon)								vels, where i sible for verif nd C.A.T. cl	Co indicated, must not be use fying all site and setting ou eared prior to drilling.	d for design purposes. t dimensions.	20

													Borehole No.	
			D	DM						Bor	eho	le Log	CP102	
													Sheet 3 of 3	
Project N	ame:	Princes	Parade	Proje 2228	ect No ≀1	Э.			Co-ords:	6	18676E -	134837N	Scale	
Location:		Hythe,	Kent		<u> </u>				Level (m): 7	.18		Logged By SIM	
Equipmer	nt:	SDA Sit	e Investiga	ation					Dates:	2	2/04/202	1	Checked By	
	Wtr	Sam	ple and In	Situ Testing		Сон	ring		Depth	Level	Logond	Stra	L.	Τ
vven	Strk	Depth (m)	Туре	Results	FI	TCR	SCR	RQD	(m)	(m)	Legenu			<u> </u>
		20.50	D									FORMATION]		21 -
		21.00	SPT(S) D	N=38 (6,8/9,7,10,12)										22 -
		22.50 22.50 - 22.95 23.00 23.50	D U D	Ublow=70										23 -
		24.00 - 24.45 24.00	D SPT(S)	N=41 (5,8/9,10,10,12)										24 -
		25.50 - 25.95 26.00	U D	Ublow=100										25 — - 26 —
		26.50 - 26.60 26.50 - 27.00 27.00 - 27.45 27.00	D B D SPT(S)	50 (25 for 95mm/50 for 70mm)					26.50 26.60 27.45	-19.32 -19.42 -20.27	× × × × × × × × × × × × × × × × × × ×	Dark bluish grey gravelly s angular shells. Sands are c Blueish grey SILTSTONE. [\ End	andy MUDSTONE. Gravels are medium :oarse. [WEALD CLAY FORMATION] // WEALD CLAY FORMATION] of Borehole at 27.45m	27 -
														28 —
														29 —
						-	<u> </u>	+	-					30 -
D = small di J = organic s V = volatile B = bulk baş SPT(C) = Sta SPT(S) = Sta	sturbee sample sample sample ndard ndard	d sample (tub) (amber glass jar) : (amber glass vial) le Penetration Test (Co Penetration Test (Spl	HSV = hand shear PP = pocket penet PID = photoionisa FI = fracture index TCR = total core rr SCR = solid core rr RQD = rock qualit	vane (cromet tion de c ecovery ecovery y desig	L kPa) er (kg.c tector (y y y	:m2) (ppm)	<u> </u>	Remarks Coordinat The user i Services o	es and lev is respons checked a	vels, where i ible for verif nd C.A.T. cl	indicated, must not be used fying all site and setting out eared prior to drilling.	d for design purposes. t dimensions.	1	

														Borehole No.	
			D	Dſ	n						Bor	eho	le Log	CP103	
														Sheet 1 of 4	
Project	Name:	Princes	s Parade		Proje 2228	ect No 31).			Co-ords:	6	518471E - 1	134816N	Scale 1:50	
Locatior	ı:	Hythe,	Kent							Level (m): 6	5.66		Logged By	
F		CC D-il	lin - Comico	Die Num	-h					Datas	1	0/04/202	1	Checked By	
Equipme	ent: T		ling Service	es, Rig Nun	nber: CP03					Dates:	1	.9/04/202.	1		
Well	Wtr Strk	Sam	ple and In	Situ Testir	ng		CO	ring	POD	Depth (m)	Level (m)	Legend	Stra	tum Description	
	•	0.50 - 0.60	В							1.10	5.56		Dry vegetation overlying N gravelly sandy silty clay. G brick. Sands are coarse. MADE GROUND comprisi	MADE GROUND comprising soft brown ravels are medium subangular flint and ne firm dark brown gravelly sandy clay	
		1.20 - 1.60 1.20 2.20 - 2.60 2.20	B SPT(C) B SPT(C)	N=6 (1	1,1/1,2,1,2) 1,0/1,1,2,2)								Gravels are coarse angula Sands are coarse.	ig mm dark brown gravelly sandy clay. r brick, flint, glass, wood and cloth.	2
		3.20 - 3.60 3.20	B SPT(C)	N=6 (1	1,0/1,2,2,1)										3
	•	4.20 - 4.80 4.60 - 4.80 5.20 - 5.60 5.20	B B B SPT(S)	N=7 (1	1,1/1,1,2,3) 1,0/1,0,1,1)					4.60	2.06		Firm becoming soft dark g DEPOSITS]	rey very silty CLAY [TIDAL FLAT	5 —
· · · · · · · ·		6.00 - 6.45 6.00 6.40 - 6.70	D SPT(S) B	N=6 (1	1,1/1,1,1,3)					6.40	0.26		Loose black GRAVEL. Grav	els are medium subrounded flint.	6 -
	•	7.50 - 7.95	В							7.50	-0.84		Loose becoming very den	, se dark becoming verv dense brown	7
		7.50	SPT(C)	67 (4,9/6	7 for 195mm)								sandy GRAVEL. Gravels an BEACH DEPOSITS]	e medium subrounded flint. (STORM	8
		9.00 - 9.40 9.00	B SPT(C)	97 (25 fc for :	or 125mm/97 125mm)								Co	ntinued on Next Sheet	9
D = small d J = organic V = volatile B = bulk b: SPT(C) = S SPT(S) = St	disturbed sample e sample ag sampl tandard I candard F	i sample (tub) (amber glass jar) (amber glass vial) e Penetration Test (Co Penetration Test (Sp	ne) lit Spoon)	l F F F F	HSV = hand shear PP = pocket pene PID = photoionisa FI = fracture index TCR = total core re SCR = solid core r RQD = rock qualit	vane (tromet tion de c ecovery ecovery y desig	kPa) er (kg.c etector v v nation	cm2) (ppm)	<u> </u>	Remarks Coordinat The user Services o	s es and lev is respons checked a	vels, where i sible for verif nd C.A.T. cl	indicated, must not be used iying all site and setting out eared prior to drilling.	d for design purposes. t dimensions.	1

												Borehole No.	
			D	OM					Bor	reho	le Log	CP103	
											_	Sheet 2 of 4	
Project N	lame:	Princes	s Parade	Proj	ect No	Э.		Co-ords:	6	518471E -	134816N	Scale	
Location	:	Hythe,	Kent		01			Level (m): 6	5.66		Logged By	
												SJM Checked By	
Equipme	nt:	CC Dril	ling Service	es, Rig Number: CP03				Dates:	1	19/04/202	1	,	
Well	Wtr Strk	Sam	iple and In	Situ Testing		Cori	ing	Depth (m)	Level (m)	Legend	Stra	tum Description	
		Depth (m)	туре	Results	FI	ICK	SCK KQD				Loose becoming very den: sandy GRAVEL. Gravels are	se dark becoming very dense brown e medium subrounded flint. (STORM	
		10.50 - 10.95	в								BEACH DEPOSITS]	-	
		10.50	SPT(C)	N=80 (5,7/80 for 245mm)				10.60 10.60	-3.94 -3.94		Very dense brown GRAVE subangular flint. [STORM	L. Gravels are medium rounded to BEACH DEPOSITS]	7 3
											Very dense becoming med SAND. Gravels are fine sub	dium dense greenish brown gravelly pangular shells. Sands are fine to coarse.	11 -
													-
													-
		12 00 - 12 40	в										12 -
		12.00 - 12.40	SPT(C)	N=67 (3,4/7,15,19,26)									12
													-
													-
													13 -
													-
		13.50 - 13.95 13.50	D SPT(S)	N=14 (8,6/3,3,3,5)									-
													14 -
		14.40 - 14.60 14.60	B					14.40 14.60	-7.74 -7 94		Dark bluish grey gravelly s	andy MUDSTONE. Gravels are medium	
		14.60 - 15.00	В					14.00	7.54		Hard dark bluish grey slight subangular shells. [WEALI	ntly gravelly silty CLAY. Gravels are fine O CLAY FORMATION]	
		15.00 - 15.45	U	Ublow=50								·	15 -
		15 50											
		15.50											
													16 -
		16.50 - 16.95	D SDT(S)	N-20 (6 8/8 10 10 11)									-
		10.50	5FT(5)	N-39 (0,878,10,10,11)									
													17 -
		18.00 - 18.45	U	Ublow=58									18 -
		18.50	D										-
													-
													19 -
		19.50 - 19.95	D										
		19.50	SPT(S)	76 (9,14/76 for 170mm)								
								-		<u>, 1999</u> <u>- 1999</u> - 1997 - 1997	Cor	ntinued on Next Sheet	20 -
D = small d	isturbe	d sample (tub)	1	HSV = hand shea	r vane (kPa)		Remark	5 		1	d for de sinn	1
J = organic V = volatile	sample sample	(amber glass jar) e (amber glass vial)		PP = pocket pen PID = photoionis	etromet ation de	er (kg.cn etector (p	n2) opm)	Coordinat	es and lev is respons	veis, where sible for veri	fying all site and setting out	u ior aesign purposes. t dimensions.	
B = bulk ba SPT(C) = St	g samp andard	le Penetration Test (Co	ne)	TCR = total core SCR = solid core	recover recover	y v		Services	checked a	ind C.A.T. cl	leared prior to drilling.		
SPT(S) = Sta	andard	Penetration Test (Spl	lit Spoon)	RQD = rock quali	ty desig	nation							

													Borehole No.	
			D	DM						Bor	eho	le Log	CP103	
												_	Sheet 3 of 4	
Project N	lame:	Princes	; Parade	Proje	ct No 1				Co-ords:	6	518471E - 3	134816N	Scale	
Location		Hythe	Vont		1				Lovel (m	۱. e	66		Logged By	
LUCation	•		Nem						Levertin)	0.00		SJM Checked By	
Equipmei	nt:	CC Drill	ling Service	es, Rig Number: CP03					Dates:	1	.9/04/202	1		
Well	Wtr Strk	Sam	ple and In	Situ Testing		Cor	ing		Depth (m)	Level (m)	Legend	Stra	tum Description	
	Strk	Depth (m)	Туре	Results	FI	TCR	SCR R	RQD	(11)	(111)		Hard dark bluish grey sligh	ntly gravelly silty CLAY. Gravels are fine	
												subangular shells. [WEALL	CLAY FORMATION]	
		21.00 - 21.45	U	Ublow=62	1									21 -
					1									
		21.50	D											-
					1									22 -
					1									
		22.50 - 22.95 22 50	D SPT(S)	N=50 (9 12/10 13 13 14)										-
					1				22.05	16.20				
					1				22.95	-10.29		Hard laminated dark bluis are medium subangular sł	h grey slightly gravelly silty CLAY. Gravels nells. [WEALD CLAY FORMATION]	23 -
					l									
		24 00 - 24,45	 	Ublow=84	l									24 -
		24.00 24.45		0010-0-	I									24
		24.50	D		I									
					I									
					I									25 -
		25.50 - 25.95	D	((l									
		25.50	SP1(S)	N=73 (6,11/12,19,21,21)	l									
					l									26 -
					l									
					l									
					l									
		27.00 - 27.45 27.00	D SPT(S)	N=80 (7,12/14,22,22,22)	1									27 -
					1									
					1									
					1									28 -
					1									28 -
		28.50 - 28.95	D		1									
		28.50	SPT(S)	N=76	1									
				(10,13/13,18,21,22)	1									29 -
		29.10 - 29.30	В		1				29.10	-22.44	××	Hard bluish grey slightly g	ravelly slightly sandy silty CLAY. Gravels	
					1						×	medium to coarse sand. [\	WEALD CLAY FORMATION]	
					1									
		30.00 - 30.45	D									Cor	ntinued on Next Sheet	- 30 -
D – small di	isturbed	cample (tub)	<u></u>	HSV = hand shear	vane (ł	<pa)< td=""><td></td><td></td><td>Remarks</td><td>;</td><td></td><td></td><td></td><td></td></pa)<>			Remarks	;				
J = organic : V = volatile	sample ((amber glass jar)		PP = pocket penetr PID = photoionisat	romete ion de	≥r (kg.cr tector (m2) ppm)		Coordinat The user i	es and lev s respons	vels, where i ible for verif	ndicated, must not be used ying all site and setting out	d for design purposes. t dimensions.	
B = bulk bases	g sample andard F	e Penetration Test (Co	ne)	FI = fracture index TCR = total core re	covery	,			Services of	checked a	nd C.A.T. cl	eared prior to drilling.		
SPT(S) = Sta	andard P	enetration Test (Spl	it Spoon)	SCR = solid core re RQD = rock quality	covery design	nation								

												Borehole No.	
			D	OM					Bor	reho	le Log	CP103	
												Sheet 4 of 4	
Project Na	ame:	Princes	Parade	Proje 2228	ct No 1	D.		Co-ords:	e	518471E -	134816N	Scale 1:50	
Location:		Hythe,	Kent					Level (m): 6	5.66		Logged By	
Fauinmen	t.	CC Drill	ing Service	es Rig Number: CP03				Dates:	1	9/04/202	1	Checked By	
						•		 	-		-		
Well	Wtr Strk 🗌	Sam Denth (m)	Type	Results	FI	COR	SCR R	Depth (m)	Level (m)	Legend	Stra	tum Description	
		30.00 31.20 - 31.50 31.50 - 31.95 31.50 33.00 - 33.45 33.00 34.50 - 34.95 34.50	B D SPT(S) D SPT(S) D SPT(S)	N=98 (25 for 100mm/98 for 255mm) N=55 (10,14/13,13,14,15) N=62 (25 for 120mm/14,11,15,22) N=99 (25 for 75mm/24,24,25,26)				35.00	-28.34		Hard bluish grey slightly g are medium subangular sl medium to coarse sand. (End	ravelly slightly sandy silty CLAY. Gravels hells. Sands are present as nodules of WEALD CLAY FORMATION]	
D = small disi J = organic sa V = volatile si B = bulk bag SPT(C) = Star SPT(S) = Stan	turbed ample (ample i sample ndard P ndard P	sample (tub) amber glass jar) (amber glass vial) enetration Test (Con enetration Test (Spli	ne) it Spoon)	HSV = hand shear PP = pocket penet PID = photoionisal FI = fracture index TCR = total core re SCR = solid core re RQD = rock quality	vane (romet ion de cover cover v desig	kPa) er (kg.cn etector (p y y nation	n2) ppm)	Remarks Coordinat The user Services o	s es and lev is respons checked a	vels, where sible for verif and C.A.T. cl	indicated, must not be used fying all site and setting out eared prior to drilling.	d for design purposes. t dimensions.	

		-											Borehole No.	
			D	nc						Bor	ehol	le Log	CP104a	
				Droi	oct N								Sheet 1 of 1	
Project N	lame:	Princes	Parade	222	81	J.			Co-ords:	6	518246E - 1	134790N	1:50	
Location	:	Hythe,	Kent						Level (m): 6	5.84		Logged By SJM	
Equipme	nt:	SDA Sit	e Investiga	tion					Dates:	1	.2/04/2021	1	Checked By	
Mall	Wtr	Sam	ple and In	Situ Testing		Со	ring		Depth	Level	Logand	Ctro	L	
weii	Strk	Depth (m)	Туре	Results	FI	TCR	SCR	RQD	(m)	(m)	Legend	Stra		
	Image: Normal Schwarz (m) Type Results FI TCR SCR 0.20 D 0.50-1.00 B 1.20 D 1.20 D 1.20 D 1.50-1.95 D 1.50-1.95 D N=10 (1,1/2,2,2,4) Image: Normal Schwarz (1,1/2,2							2.00	4.84		Dry vegetation overlying M gravelly sandy clay. Gravel glass and wood. Sands are	AADE GROUND comprising soft borwn s are medium angular brick, flint, metal, e coarse.		
														-
														10 -
D = small d J = organic V = volatile B = bulk ba SPT(C) = St SPT(S) = Sta	isturbee sample sample g sampl andard andard	d sample (tub) (amber glass jar) (amber glass vial) e Penetration Test (Co Penetration Test (Spl	ne) it Spoon)	HSV = hand shea PP = pocket pene PID = photoionis FI = fracture inde TCR = total core i SCR = solid core i RQD = rock quali	r vane (etromet ation de ex recover recover ty desig	kPa) er (kg.c etector y y nation	m2) (ppm)		Remarks Coordinate The user i Services o	s es and lev is respons checked a	vels, where i sible for verif nd C.A.T. cle	ndicated, must not be used ying all site and setting out eared prior to drilling,	d for design purposes. t dimensions.	

		1		\sim						Der			Borehole No.	
										Bor	eno	le Log	CP104b	
				Proje	ect No)							Sheet 1 of 1 Scale	
Project N	lame:	Princes	Parade	2228	31				Co-ords:	6	518248E - 1	134788N	1:50	
Location	:	Hythe,	Kent						Level (m): 6	.84		Logged By SJM	
Equipme	nt:	SDA Sit	e Investiga	tion					Dates:	1	.2/04/2023	1	Checked By	_
Well	Wtr Strk	Sam	ple and In	Situ Testing	EL	Co	ring	POD	Depth (m)	Level (m)	Legend	Stra	tum Description	
	Strk	Depth (m) 0.20 0.50 - 1.00 0.70 1.20 1.50 - 1.95 1.50	Type D B D SPT(S)	0 (26 for 95mm/0 for Omm)	FI		SCR	RQD	(m)	(m)		Dry vegetation overlying M gravelly sandy clay. Gravel glass and wood. Sands are	ADE GROUND comprising soft borwn s are medium angular brick, flint, metal, coarse.	
														10 -
D = small d J = organic V = volatile B = bulk ba SPT(C) = St SPT(S) = Sta	isturbeo sample sample g sampl andard andard I	d sample (tub) (amber glass jar) (amber glass vial) e Penetration Test (Co Penetration Test (Spl	ne) it Spoon)	HSV = hand shear PP = pocket pene PID = photoionisa FI = fracture inde TCR = total core n SCR = solid core n RQD = rock qualit	tromet tion de c ecovery ecovery y desig	kPa) er (kg.c tector (v v nation	:m2) (ppm)		Remarks Coordinat The user i Services c	es and lev s respons hecked a	vels, where i ible for verif nd C.A.T. clo	indicated, must not be user ýring all site and setting ou eared prior to drilling.	d for design purposes. t dimensions.	·

		_											Borehole No.	
			D	DM						Bor	ehol	e Log	CP104c	
													Sheet 1 of 4	
Project	Name:	Princes	s Parade	Proj	ect No 01	0.			Co-ords:	: 6	518258E - 1	134783N	Scale	
Location	·.	Hythe	Kent		01				l evel (m	.). E	84		Logged By	
		inytite,											SJM Chacked By	
Equipme	ent:	SDA Sit	e Investiga	ition					Dates:	1	3/04/2021	Ļ	Спескей Ву	
Well	Wtr	Sam	ple and In	Situ Testing		Co	ring		Depth (m)	Level	Legend	Stra	tum Description	
		Depth (m)	Туре	Results	FI	TCR	SCR	RQD		(11)		Dry vegetation overlying N	ADE GROUND comprising soft borwn	-
		0.20	D									gravelly sandy clay. Gravel glass and wood. Sands are	s are medium angular brick, flint, metal, e coarse.	-
		0.50 - 1.00	B											
	:	0.70												-
		1.20	D											1
	•	1.50 - 1.95	D											-
		1.50	SPT(S)	N=5 (1,1/2,1,1,1)										-
														2 -
	:													-
		2.50 - 2.95 2.50	D SPT(S)	3 (1 for 75mm/3 for										-
			- (-7	225mm)										-
														3 -
		3.50 - 3.95	D											
		3.50	SPT(S)	3 (3,1/3 for 225mm)										
														4 —
														-
		4.50 - 4.95	D SPT(S)	N-7 (11/2311)										-
		4.50	511(5)											-
														5 -
	:	5 50 - 6 00	в						5 50	1 34				
		5.50 0.00							5.50	1.54		Loose brown slightly claye subrounded flint. [STORM	y GRAVEL. Gravels are medium to coarse BEACH DEPOSITS]	-
		6.00 - 6.45	D						6.00	0.84		Loose becoming very loos	e brown coarse subrounded flint	6 -
		6.00 - 6.50 6.00	B SPT(C)	N=8 (1,1/2,2,2,2)								GRAVEL. [STORM BEACH E	DEPOSITS]	-
	1													-
	:													-
														7 —
														-
		7.50 - 8.00	B	1 (1 for 75 mar /1 for										-
		7.50	SPI(C)	75mm)										8 -
	:													-
														-
														-
		9.00 - 9.45 9.00 - 9.50	D B						9.00	-2.16		Very dense brown coarse	subrounded flint GRAVEL with flint	9 -
		9.00	SPT(C)	51 (25 for 95mm/51 for 135mm)								CODDIES. [STOKIN BEACH L	JEF03113]	-
														-
		10.00 - 10.50	В						10.00	-3.16		Cor	ntinued on Next Sheet	- 10 -
				HSV = hand shore	rvane	(kPa)		1	Remark	s		Cor		
D = small J = organio	disturbed sample	d sample (tub) (amber glass jar)		PP = pocket pen PD = photoiopis	etromet ation de	ter (kg.o etector	:m2) (ppm)		Coordinat The user	tes and lev	vels, where i sible for verif	ndicated, must not be used ying all site and setting out	d for design purposes. t dimensions.	
V = volatil	e sample ag sampl	e Bonotrotion T (1)	201	FI = fracture inde TCR = total core	recover	y	(F 1911)		Services	checked a	nd C.A.T. cle	eared prior to drilling.		
SPT(S) = S	andard F	Penetration Test (Spl	lit Spoon)	SCR = solid core RQD = rock quali	recover ty desig	y gnation								

		_											Borehole No.	
			D	DM						Bor	reho	le Log	CP104c	
				<u> </u>									Sheet 2 of 4	
Project N	lame:	Princes	s Parade	Proj 2228	ect No 31	э.			Co-ords:	ε	518258E - 3	134783N	Scale 1:50	
Location	:	Hythe,	Kent						Level (m): 6	5.84		Logged By	
Fauinna				tion					Datasi	1	2/04/202	1	Checked By	
Equipme		SDA SIL	e mvestiga						Dates:		13/04/202	1		
Well	Wtr Strk	Sam	ple and In	Situ Testing Results	FI	Cor TCR	ring SCR F	ROD	Depth (m)	Level (m)	Legend	Stra	tum Description	
												Very dense becoming den subangular shells. Sands a	se brown gravelly SAND. Gravels are fine re coarse. [STORM BEACH DEPOSITS]	-
		10.50 - 10.95 10.50 - 11.00 10.50	D B SPT(C)	0 (1 for 75mm/0 for 0mm)										11 -
		11.50 12.00 - 12.45	D											12 -
		12.00	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	-6.66		Dark bluish grey slightly g medium angular shells. Sa FORMATION]	ravelly slightly sandy CLAY. Gravels are inds are coarse. [ATHERFIELD CLAY	
		14.00 - 14.50	В						14.00	-7.16	×	Blueish grey SILTSTONE. [\	WEALD CLAY FORMATION]	- 14 -
									14.50	-7.66		Hard bluish grey silty CLAY	/ [WEALD CLAY FORMATION]	
		15.00 - 15.45	U	Ublow=35							×× ××			15 -
		15.50	D								×× ××			-
		16.00	D								××			16 -
		16.50 - 16.95 16.50	D SPT(S)	N=43 (4,7/8,10,11,14)										17 -
		17.50	D											
		18.00 - 18.45	U	Ublow=100										18 -
		18.50												
		19.00												19 -
		19.50	SPT(S)	50 (6,9/50 for 175mm)										
									Derro 1			Cor	ntinued on Next Sheet	20
D = small d J = organic V = volatile B = bulk bag SPT(C) = Sta SPT(S) = Sta	isturbeo sample sample g sampl andard andard	d sample (tub) (amber glass jar) : (amber glass vial) le Penetration Test (Co Penetration Test (Spl	ne) lit Spoon)	HSV = hand shear PP = pocket pene PID = photoionisa FI = fracture inde TCR = total core r SCR = solid core r RQD = rock qualit	vane (tromet tion de ecovery ecovery y desig	kPa) er (kg.cr etector () y y nation	m2) ppm)		Remarks Coordinat The user	s es and lev is respons checked a	vels, where i sible for verif ınd C.A.T. cl	ndicated, must not be user ying all site and setting out eared prior to drilling.	d for design purposes. t dimensions.	

													Borehole No.	
			D	DM						Βοι	rehol	le Log	CP104c	
													Sheet 3 of 4	
Project N	lame:	Princes	s Parade	Proje 2228	ct No 1).			Co-ords:	6	518258E - 3	134783N	Scale 1.50	
Location	:	Hythe.	Kent		-				l evel (m): 6	5.84		Logged By	
													SJM Checked By	
Equipme	nt:	SDA Sit	e Investiga	ation					Dates:	-	13/04/2021	1		
Well	Wtr Strk	Sam	ple and In	Situ Testing		Со	ring		Depth (m)	Level (m)	Legend	Stra	tum Description	
		Depth (m)	lype	Results	FI	TCR	SCR	RQD	()	()	×_^_×	Hard bluish grey silty CLAY	. [WEALD CLAY FORMATION]	
											××			
		20.50	D								××			-
		21.00 - 21.45	U	Ublow=100							××			21 -
		21.50	D								××			-
											××			
		22.00	D								××			22 -
		22 50 - 22 95	D											
		22.50	SPT(S)	N=45 (4,7/8,10,12,15)							××			
											××			23 -
											××			
		23.50	D								××			-
		24.00 24.45		Ublow-00										
		24.00 - 24.45		0010w-90							××			24 -
		24.50	D								××			
											××			
		25.00	D								×_×_×			25 -
											××			
		25.50 - 25.95 25.50	D SPT(S)	N=41 (8,8/8,12,11,10)							××			
														26 -
		26.50	D								××			-
											××			
		27.00 - 27.45 27.00	D SPT(S)	N=50 (8,10/50 for							××			27 -
				275mm)										
											××			
		28.00	D								××			28 -
											××			
		28.50 - 28.95 28.50	D SPT(S)	50 (9,11/50 for 190mm)										-
											××			29 -
		29.50	D								××			
		30.00 - 30.45	D								X	Cor	ntinued on Next Sheet	30 -
D = small d J = organic V = volatile B = bulk ba SPT(C) = Sta SPT(S) = Sta	isturbec sample sample g sampl andard I andard F	d sample (tub) (amber glass jar) (amber glass vial) e Penetration Test (Co Penetration Test (Spl	ne) lit Spoon)	HSV = hand shear PP = pocket penet PID = photoionisal FI = fracture index TCR = total core re SCR = solid core re RQD = rock quality	vane (romet tion de covery covery desig	kPa) er (kg.c tector , , nation	:m2) (ppm)		Remarks Coordinat The user i Services o	es and le s respons hecked a	vels, where i sible for verif ind C.A.T. cle	ndicated, must not be useo ýing all site and setting out eared prior to drilling.	d for design purposes. t dimensions.	

												Borehole No.	
			D	DM					Во	reho	le Log	CP104c	
											•	Sheet 4 of 4	
Project N	lame:	Princes	Parade	Proj	ect No	D.		Co-ord	s:	618258E -	134783N	Scale	
Location		Hythe	Kent		51			l evel (m).	6 84		Logged By	
												SJM Checked By	
Equipme	nt:	SDA Sit	e Investiga	tion	1			Dates:		13/04/202	21		
Well	Wtr Strk	Sam	ple and In	Situ Testing	51	Co	ring	Deptł	n Level (m)	Legend	Stra	tum Description	
Well	Wtr Strk	Sam Depth (m) 30.00 31.00 31.50 - 31.95 31.50 32.50 33.00 - 33.45 33.00 34.00 34.50 - 34.95 34.50	ple and In Type SPT(S) D SPT(S) D SPT(S) D SPT(S)	Situ Testing Results 50 (10,13/50 for 210mm) N=50 (7,11/50 for 230mm) N=50 (5,10/50 for 275mm) N=50 (6,12/50 for 235mm)	FI		ring SCR RC	DeptH (m) 35.00 35.00	-28.16 -28.16	Legend ************************************	Stra	Itum Description Y. [WEALD CLAY FORMATION] r gravelly silty CLAY. Gravels are medium LAY FORMATION] I of Borehole at 35.00m	
D = small d	hall disturbed sample (tub) ganic sample (amber glass jar) latile sample (amber glass vial) lk bag sample = Standard Penetration Test (Cone) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cr PID = photoionisation detector (FI = fracture index TCR = total core recovery SCR = solid core recovery RQD = rock quality designation							Remar	ks ates and le	evels, where	indicated, must not be use	d for design purposes.	39 —
J = organic V = volatile B = bulk ba SPT(C) = St SPT(S) = Sta	sample sample g samp andard andard	: tamper glass jar) 2 (amber glass vial) le Penetration Test (Co Penetration Test (Spl	ne) it Spoon)	PID = photoionis FI = fracture inde TCR = total core SCR = solid core RQD = rock quali	ation de x ecover ecover ty desig	tector / / nation	(ppm)	The use Service	r is respor s checked	nsible for ver and C.A.T. c	ifying all site and setting ou deared prior to drilling.	t dimensions.	

														Borehole No.	
	Name: Princes Parade Project No.										Bor	reho	e Log	CP105	
Project	Name:	Princes	s Parade		Proje 2228	ect No 31).			Co-ords:	6	518144E - 1	134735N	Sheet 1 of 4 Scale 1:50	
Locatio	n:	Hythe,	Kent							Level (m): 7	7.52		Logged By SJM	
Equipm	ent:	CC Dril	ling Service	es, Rig Num	ber: CP03					Dates:	1	12/04/2023	1	Checked By	
Well	Wtr	Sam	ple and In	Situ Testin	g		Со	ring	1	Depth	Level	Legend	Stra	tum Description	
	SUK	Depth (m)	Туре	Re	sults	FI	TCR	SCR	RQD	(11)	(111)		Dry vegetation overlying N	MADE GROUND comprising soft to firm	
		0.30 - 0.50	B							0.60	6.92		brick and plastic.		-
		0.00 1.40								0.00	0.52		CONCRETE.		-
		1.50 - 1.90 1.50	B SPT(C)	N=6 (1,	1/1,2,1,2)					1.50	6.02		MADE GROUND comprisin medium angular brick and	ng soft brown gravelly clay. Gravels are d plastic.	
															2 -
		2 50 - 2 90	P												-
		2.50 - 2.90	SPT(C)	N=5 (1,	0/1,1,1,2)					2.60	4.92		MADE GROUND comprisit Sands are coarse.	ng soft dark grey slightly sandy clay.	
	2.50 2.50 B 2.50 SPT(C)														3 —
		3.50 - 3.95	D		0/1 0 1 1)										-
		3.50 3.80 - 4.00	B	N=3 (1,	0/1,0,1,1)					3.80	3.72		MADE GROUND comprisin	ng loose brown sandy sightly clayey	
													plastic. Sands are coarse.	in to coarse subfounded nint, brick and	4 -
		4.50 - 4.80	В							4.50	3.02		Loose brown slightly sand subrounded flint. Sands a	ly GRAVEL. Gravels are fine to medium re coarse. [STORM BEACH DEPOSITS]	
		4.80 4.80 5.00 - 5.40	D SPT(C)	N=8 (1,	1/1,2,2,3)					4.80 5.00	2.72 2.52		brown slightly sandy GRA subrounded flint. Sands a	VEL. Gravels are fine to medium re coarse. [STORM BEACH DEPOSITS]	5 -
•		5.00 - 5.40								5.00	2.52		Firm grey gravelly CLAY. G FLAT DEPOSITS] Firm brown slightly gravel	Ily slightly sandy CLAY. Gravels are fine	/
		5.50 - 5.90	В										angular shells and flint. Sa DEPOSITS]	ands are coarse. [STORM BEACH	-
		6.00	SPT(C)	N=12 (2	,2/2,3,3,4)					5.90	1.62		Loose becoming very den to coarse subrounded flin	se brown GRAVEL. Gravels are medium t. [STORM BEACH DEPOSITS]	6 -
															-
															-
															7
		7.50 - 7.90 7.50	B SPT(C)	N=50 (4,7	/11,17,21,1)										-
															8 —
															-
															-
		9.00 - 9.40 9.00	B SPT(C)	68 (5,11/6	8 for 215mm)										9 —
															-
															-
	1			<u> </u>	SV = band ab					Remark			Co	ntinued on Next Sheet	10 -
D = small J = organi V = volatil	disturbed c sample le sample	l sample (tub) (amber glass jar) (amber glass vial)		H PI PI	P = pocket pene D = photoionisa	tromet	er (kg.c	:m2) (ppm)		Coordinat The user i	es and lev s respons	vels, where i sible for verif	ndicated, must not be use ying all site and setting ou	d for design purposes. t dimensions.	
B = bulk b SPT(C) = S SPT(S) = S	ag sampl Standard F Standard F	e Penetration Test (Co Penetration Test (Sp	one) lit Spoon)	FI TC SC	CR = total core r CR = solid core r	ecover ecover	/ /			Services of	necked a	nd C.A.T. cl	eared prior to drilling.		
			•	R	עט = госк qualit	.y uesig	nation								

												Borehole No.	
				n					Βοι	reho	le Log	CP105	
											•	Sheet 2 of 4	
Project I	Name:	Princes	s Parade	Proj 222	ect No 81	0.		Co-ord	s: 6	518144E -	134735N	Scale 1:50	
Locatior	1:	Hythe,	Kent					Level (r	m): 7	7.52		Logged By	
Equipmo	nt.	CC Dril	ling Sonvior	ac Rig Number (DO2				Dataci		12/04/202	1	Checked By	
Equipme	ent:	CC Drii	ling Service	es, Rig Number: CP03	1			Dates:	-	12/04/202	1		-
Well	Wtr Strk	Sam	ple and In	Situ Testing		Co		Depth	Level (m)	Legend	Stra	tum Description	
		Depth (III)	туре	Nesuits		TCN	JCN N				Loose becoming very den to coarse subrounded flin	se brown GRAVEL. Gravels are medium t. [STORM BEACH DEPOSITS]	
		10.50 - 10.90	в										
		10.50	SPT(C)	81 (5,8/81 for 180mm)				10.80	-3.28				
											Very dense brown sandy (subrounded flint. Sands a	GRAVEL. Gravels are fine to medium re coarse. [STORM BEACH DEPOSITS]	11 -
		11.40 - 11.80	в					11.40	-3.88				
											and shells. Sands are med	y SAND. Gravels are fine subrounded flint lium. [STORM BEACH DEPOSITS]	-
	12.00 - 12.45 D 12.00 - 12.50 B												12 -
	12.00 - 12.45 D 12.00 - 12.50 B 12.00 SPT(S) 79 (5,9/79 for 175mm)												-
			- (-)	- (-) ,									-
													-
													13 -
		13.30 - 13.50 13.50 - 13.95	B					13.30	-5.78		Dense greenish brown slig subangular to subrounder	ghtly gravelly SAND. Gravels are medum d shells and flint. Sands are fine.	
		13.50 - 14.00 13.50	B SPT(S)	N=38 (3 4/6 9 10 13)									
		13.50	511(5)										14 -
													-
													-
		15.00 15.40	р										-
		15.00 - 15.40		N=20 (2.2/6.0.11.12)									15
		15.00	5F1(5)	N-39 (2,3/0,9,11,13)									-
		16.00 - 16.40	В					16.00	-8.48		Dark bluish grey gravelly s	andy MUDSTONE. Gravels are medium	16 -
		16.40	D					16.40	-8.88	×	Very stiff laminated dark t	plue silty CLAY. [WEALD CLAY	
		16.50 - 16.95 16.50	D SPT(S)	N=24 (3,4/4,6,6,8)							FORMATION]		
		17.00 - 17.50	В							××			17 —
										×			-
										××			-
		18.00 18.45		Libiour-E9				18.00	10.48				
		18.00 - 18.45	U	Ublow=58				18.00	-10.48	××	Hard laminated dark blue angular shells. [WEALD C	gravelly silty CLAY. Gravels are medium LAY FORMATION]	18 -
		18.50	D							× <u>··</u> ×			-
										× ×			
		19.00 - 19.50	В							× ····×			19 -
										××			
		19.50 - 19.95 19.50	D SPT(S)	N=43 (7,11/9,8,11,15)						× <u>··</u> ×			-
										× · · · · ×		ntinued on Next Sheet	20 -
				HSV/ - band choo	r vano /	(kPa)		Remar	ks			Interest on Next Sheet	
D = small o J = organio	listurbe sample	d sample (tub) (amber glass jar)		PP = pocket pen PID = photoionis	tromet	ter (kg. etector	cm2) (ppm)	Coordina The use	ates and le r is respons	vels, where sible for veri	indicated, must not be use fying all site and setting ou	d for design purposes. t dimensions.	
v = volatile B = bulk bases SPT(C) = SPT(C) =	e sample ag samp tandard	: (amper glass vial) le Penetration Test (Co	ine)	FI = fracture inde TCR = total core	x recover	y	-	Services	checked a	and C.A.T. c	leared prior to drilling.		
SPT(S) = St	andard	Penetration Test (Spl	lit Spoon)	SCR = solid core RQD = rock quali	recover ty desig	y gnation							

													Borehole No.	
			D	OM						Bor	rehol	e Log	CP105	_
													Sheet 3 of 4	
Project N	ame:	Princes	s Parade	Proje	ct No).			Co-ords:	6	518144E - 1	.34735N	Scale	
-				2228	1								1:50 Logged By	
Location:		Hythe,	Kent						Level (m): 7	7.52		SJM	
Equipmer	nt:	CC Drill	ling Service	es, Rig Number: CP03					Dates:	1	2/04/2021		Checked By	
Well	Wtr	Sam	ple and In	Situ Testing		Со	ring		Depth	Level	Legend	Stra	tum Description	
VVCII	Strk	Depth (m)	Туре	Results	FI	TCR	SCR	RQD	(m)	(m)	Legend			
											×	angular shells. [WEALD CI	gravelly slity CLAY. Gravels are medium .AY FORMATION]	
											<u> </u>			-
											×			
		21.00 - 21.45	U	Ublow=70							× × ·			21 -
											× <u>×</u> ×			
		21.50	D								××			
		22.00.22.50									× × ×			
		22.00 - 22.50	В								×			22 -
		22 50 - 22 95	п								××			
		22.50	SPT(S)	N=73 (8,10/11,18,20,24)							× ×			-
	22.50 - 22.95 22.50 D SPT(S) N=73 (8,10/11,18,20,24)										× <u>~</u> ×			23 —
	22.50 - 22.95 22.50 SPT(S) N=73 (8,10/11,18,20,24)										× <u>×</u> ×			
											××			-
											× × ×			
		24.00 - 24.45	U	Ublow=57							××			24 —
											××			-
		24.50	D								××			-
											××			-
		25.00 - 25.50	В								× <u>~</u> ×			25 -
		25.50 - 25.95	D								××			-
		25.50	SPT(S)	N=40 (9,9/9,9,10,12)							×			-
											×X			26 -
											× ×			
											× × ·			-
											× · · ×			-
		27.00 - 27.45	U	Ublow=95							× <u>~</u> ×			27 -
											××			
		27.50	D								×			-
		20.00 20.50									×			
		28.00 - 28.50	В								×			28 -
		28.50 - 28.95	D								× · · ×			-
		28.50	SPT(S)	70 (10,15/70 for							× <u>×</u> ×			
				1/51111)							××			29 -
											××			
											××			-
											××			-
		30.00 - 30.45	D								••• [*] • * • *	Cor	ntinued on Next Sheet	30 -
D = small di J = organic s V = volatile B = bulk bag SPT(C) = Sta SPT(S) = Sta	sturbec sample sample g sampl ndard F ndard F	i sample (tub) (amber glass jar) (amber glass vial) e Penetration Test (Co Penetration Test (Spl	ne) lit Spoon)	HSV = hand shear PP = pocket penet PID = photoionisat FI = fracture index TCR = total core re SCR = solid core re RQD = rock quality	vane (romet ion de covery covery	kPa) er (kg.c tector / / nation	:m2) (ppm)		Remarks Coordinat The user i Services o	es and lev s respons checked a	vels, where in sible for verify and C.A.T. cle	ndicated, must not be used ying all site and setting out eared prior to drilling.	d for design purposes. dimensions.	

													Borehole No.	
			D	DM						Bor	eho	le Log	CP105	
													Sheet 4 of 4	
Project N	lame:	Princes	Parade	Proje 2228	ect No 31	Ο.			Co-ords:	6	518144E -	134735N	Scale 1:50	
Location	:	Hythe,	Kent						Level (m): 7	.52		Logged By	
Equipme	nt.	CC Drill	ing Service	as Rig Number: CP03					Dates	1	2/04/202	1	Checked By	
									Dates.		.2/04/202	1		
Well	Wtr Strk	Sam	ple and In	Situ Testing	FI		ring	ROD	Depth (m)	Level (m)	Legend	Stra	tum Description	
		Jueptin (m) 30.00 31.00 - 31.45 31.50 - 31.95 31.50 33.00 - 33.45 33.00 34.00 - 34.50 34.50 - 34.95 34.50	B D SPT(S) B D SPT(S) B D SPT(S)	Kesuits 84 (25 for 120mm/84 for 195mm) 50 (25 for 145mm/50 for 125mm) N=84 (11,14/17,21,22,24) N=88 (12,13/15,24,24,25)				RQD	35.00	-27.48		Hard laminated dark blue angular shells. [WEALD Cl	gravelly silty CLAY. Gravels are medium LAY FORMATION]	
D = small d J = organic V = volatile B = bulk ba SPT(C) = St SPT(S) = St	listurbed sample sample g sampl andard andard	d sample (tub) (amber glass jar) (amber glass vial) e Penetration Test (Col Penetration Test (Spli	ne) it Spoon)	HSV = hand shear PP = pocket pene PID = photoionisa FI = fracture index TCR = total core r SCR = solid core r RQD = rock qualit	vane (tromet tion de c ecover ecover y desig	kPa) er (kg.c etector (y y nation	:m2) (ppm)		Remarks Coordinat The user Services	s es and lev is respons checked a	vels, where ibible for verind C.A.T. cl	indicated, must not be used fying all site and setting out eared prior to drilling.	d for design purposes. t dimensions.	

													Borehole No.	
			D	DM						Bor	rehol	e Log	CP106	
				Pro	iect N	0.							Sheet 1 of 2 Scale	
Project I	Name:	Princes	s Parade	22	281				Co-ords:	6	518025E - 1	134718N	1:50	
Location	:	Hythe,	Kent						Level (m): 7	7.19		Logged By SJM	
Equipme	ent:	CC Dril	ling Service	s, Rig Number: CP03					Dates:	2	29/03/2021	L	Checked By	
Well	Wtr	Sam	ple and In	Situ Testing		Со	ring		Depth	Level	Legend	Stra		
	Strk	Depth (m)	Туре	Results	FI	TCR	SCR	RQD	(m)	(m)	- Cegenia	Dry vegetation overlying N	MADE GROUND comprising soft to firm	
	•											brown gravelly silty clay w brick, plastic and bone.	ith rootlets. Gravels are coarse angular	
		0.50 - 0.70	В											-
		1.00 - 1.45	D											1 -
														-
		1.45 1.50 - 1.70	SPT(S) B	N=5 (1,1/1,1,1,2)										
		2.00 - 2.40	в											2 -
		2.00 - 2.45	D											-
		2.45 2.60 - 2.90	SPT(S) B	N=5 (2,2/2,1,1,1)					2.60	4.58		MADE GROUND comprisir	ng soft dark grev mottled greenish grev	
		3.00 - 3.45	D									gravelly sandy clay. Gravel Sands are medium.	s are medium angular brick and plastic.	3 -
	•	3.45	SPT(S)	N=3 (1,0/1,0,1,1)					2.70	2.40				-
		3.70 - 4.00 4.00 - 4.40	B						3.70	5.48		MADE GROUND comprisir sandy clay. Gravels are me	ng soft becoming firm black gravelly edium subangular to subrounded flint,	
		4.00 4.40	, D									plastic and brick. Sands ar	e medium.	-
		4.45	SPT(C)	N=8 (1,0/1,2,2,3)										-
		4.80 - 5.00	В	Liblow-22					4.80	2.38		Firm dark grey mottled gr	eenish grey soft to firm silty CLAY. [TIDAL	
	•	5.00 - 5.45	0	0010W-22										
•••		5.50 5.60 - 5.80	DB						5.60	1.58	× ×	Loose becoming medium	dense brown GPAVEL Gravels are	
		5.80 - 6.00	B									medium subrounded flint	. [STORM BEACH DEPOSITS]	
		6.00	SPT(C)	N=7 (2,1/1,2,2,2)										
	4													-
	•	7.50 - 7.90	B SPT(C)	N-24 (2 2/4 4 6 10)										-
	•	7.50	3F1(C)	N-24 (2,2/4,4,0,10)										
														8 -
	•													-
		8.70 - 9.00	В						8.70	-1.52		Very dense brown SAND a subrounded flint. Sands a	nd GRAVEL. Gravels are medium re coarse. [STORM BEACH DEPOSITS]	
		9.00 - 9.40 9.00	B SPT(C)	N=50 (6,8/50 for										9 —
	•	9.50 - 10.00	В	2901111)					9.40	-2.22		Very dense greyish brown subrounded flint. Sands a	gravelly SAND. Gravels are medium re fine to coarse. ISTORM BEACH	
												DEPOSITS]		
	1								Dom			Con	ntinued on Next Sheet	10 -
D = small o J = organic	listurbeo sample	l sample (tub) (amber glass jar)		HSV = hand she PP = pocket per PID = photoion	ar vane i ietromet	(kPa) ter (kg.o	:m2) (nnm)		Coordinat	es and lev	vels, where i sible for verif	ndicated, must not be used	d for design purposes. t dimensions.	
V = volatile B = bulk ba	e sample ag sampl randard I	(amber glass vial) e Penetration Test (Co	ne)	FI = fracture inc TCR = total core	ex recover	y	(6600)		Services of	checked a	ind C.A.T. cle	eared prior to drilling.		
SPT(S) = St	andard I	Penetration Test (Spl	it Spoon)	SCR = solid core RQD = rock qua	recover lity desig	y Ination								

										Borehole No.	
	D	DM					Bor	eho	le Log	CP106	
										Sheet 2 of 2	
: Princes	Parade	Proje	ect No 81).		Co-ords:	e	18025E -	134718N	Scale	
Hythe,	Kent		/1			Level (m): 7	.19		Logged By	
CC Drill	ling Service	s Rig Number (2003				Dates		9/03/202	1	Checked By	
				-	•	Dutes.	-	.57057202	-		
Depth (m)	Type	Results	FI	TCR	SCR RQD	Depth (m)	Level (m)	Legend	Stra	tum Description	
Depth (m) 10.50 - 10.70 10.50 12.00 - 12.40 12.00 12.30 - 12.70 12.70 - 13.00 13.50 - 14.00 13.50 - 14.00 13.50 - 14.00 13.50 - 15.00 15.00 - 15.45 15.00 - 15.45 16.00 - 16.50 16.50 - 16.70 16.50 - 16.70	B SPT(C) B B SPT(C) B B SPT(C) B B SPT(S) B SPT(S)	50 (25 for 110mm/50 for 115mm) 50 (25 for 145mm/50 for 130mm) 50 (25 for 145mm/50 for 130mm) N=41 (3,5/7,9,11,14) N=47 (3,5/8,12,13,14) 50 (19,6/50 for 45mm)				12.30 12.70 16.60 16.90	-5.12 -5.52 -9.41 -9.72		Very dense greyish brown subrounded flint. Sands at DEPOSITS) Dark bluish grey gravelly s angular shells. Sands are c Dense becoming very den SAND. Gravels are fine sub Dark bluish grey gravelly s angular shells. Sands are c End	andy MUDSTONE. Gravels are medium coarse. se greenish brown slightly gravelly bangular shell fragments. Sands are fine.	
d sample (tub) 2 (amber glass jar) 4 (amber glass vial) 9 Penetration Test (Co	ne)	HSV = hand shear PP = pocket penet PID = photoionisa FI = fracture index TCR = total core rr	vane (i trometi tion de cecovery	kPa) er (kg.cr tector (j	n2) opm)	Remarks Coordinat The user Services of	s es and lev is respons checked a	rels, where ible for veri nd C.A.T. c	indicated, must not be used fying all site and setting out leared prior to drilling.	d for design purposes. t dimensions.	19
	 Princes Hythe, CC Drill Sam Depth (m) 10.50 - 10.70 10.50 - 10.70 10.50 - 12.40 12.00 - 12.40 12.00 - 12.40 12.00 - 12.70 12.70 - 13.00 13.50 - 14.00 13.50 - 15.00 16.00 - 15.45 15.00 16.00 - 16.50 16.50 - 16.70 16.50 - 16.70	Princes Parade Hythe, Kent CC Drilling Service IO-50 - 10.70 Sample and In Depth (m) 10.50 - 10.70 10.50 - 12.40 12.00 - 12.40 12.00 - 12.40 12.00 - 12.40 12.00 - 12.40 12.00 - 12.40 13.50 - 14.00 13.50 - 14.00 13.50 - 15.00 14.50 - 15.00 15.00 - 15.45 D 15.00 - 16.50 B 16.50 - 16.70 B 16.50 - 16.70 Per(s) and sample (tub) e (amber glass jar) e (amber glass jar) Penetration Test (Cone) Penetration Test (Cone)	IDDOON Proje 2228 Proje 2228 Hythe, kent CC Drilling Services, Rig Number: CP03 Sample and In Situ Testing Depth (m) Type Results 10.50 - 10.70 B S0 (25 for 110mm/50 for 115mm) 10.50 - 12.40 B S9T(C) S0 (25 for 145mm/50 for 130mm) 12.00 - 12.40 B S9T(C) S0 (25 for 145mm/50 for 130mm) 12.30 - 12.70 B S9 (25 for 145mm/50 for 130mm) 13.50 - 14.00 B SPT(C) S9 for 130mm) 13.50 - 14.00 B N=41 (3,5/7,9,11,14) 14.50 - 15.00 B SPT(S) N=47 (3,5/8,12,13,14) 16.00 - 16.50 B SPT(S) S0 (19,6/50 for 45mm) 16.50 - 16.70 D SPT(S) S0 (19,6/50 for 45mm) 16.50 - 16.70 B SPT(S) S0 (19,6/50 for 45mm) 19 endetionise (Cone) SPT(S) S0 (19,6/50 for 45mm) 19 endetionise (Spit Spon) S0 (19,6/50 for 45mm) S0 (28 soit) core number (Spit Spon) <td>Project No 2281 Project No 2281 Hythe, Kent CC Drilling Services, Rig Number: CP03 Depth (m) Type Results Fig Depth (m) Type Results Fig Depth (m) Type Results Fig 10.50 - 10.70 B 12.00 - 12.40 B 13.50 - 14.00 B 13.50 - 14.00 B 14.50 - 15.00 B 15.00 - 15.45 D 16.00 - 16.50 B 16.50 - 16.70 D 16.50 - 16.70 SPT(S) 50 (19,6/50 for 45mm) 16.50 - 16.70 C 16.50 - 16.70 C 16.50 - 16.70 C 16.50 - 16.70 SPT(S) 50 (19,6/50 for 45mm) 16.50 - 16.70 P = pocket peerformer 16.70 - 16.50 B 16.70 - 16.50 B 16.70 - 16.50 C 16.70 - 16.70</td> <td>Princes Parade Project No. 2281 Princes Parade Project No. 2281 CC Drilling Services, Rig Number: CP03 Services, Rig Number: CP03 Image: Services, Rig Number: CP03<!--</td--><td>Project No. 2281 Project No. 2281 Project No. 2281 Correlation Section Se</td><td>IDDORM Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2081 IDE CO-DITION SERVICES, RIG NUMBER: CPU3 CO-DITION SERVICES Depth IDE PT 12.00-12.40 12.00-12.40 12.00 B SPT(C) 12.00-13.00 S0 (25 for 145mm/50 for 130mm) IDE IDE PT IDE PT IDE IDE PT ID</td><td>Princes Parade Project No. 22231 Co-ordis is 6 Atythe, Kent Co-ordis is 6 Co CD CIIIIng Services, Rig Number: CP3 Dates: 2 Co CD CIIIIng Services, Rig Number: CP3 Date: 2 Co CD CI IIIng Services, Rig Number: CP3 To Tes SeR Rop Orn Orn Cording: 1000000000000000000000000000000000000</td><td>Description Description Description Project No. 22281 Co-ords C BOUST Description DESCRIPTION</td><td>Image: Non- 2283 Che-ords EBORCHOLE Log 1 yrthe, Kert yrthe, Kert</td><td></td></td>	Project No 2281 Project No 2281 Hythe, Kent CC Drilling Services, Rig Number: CP03 Depth (m) Type Results Fig Depth (m) Type Results Fig Depth (m) Type Results Fig 10.50 - 10.70 B 12.00 - 12.40 B 13.50 - 14.00 B 13.50 - 14.00 B 14.50 - 15.00 B 15.00 - 15.45 D 16.00 - 16.50 B 16.50 - 16.70 D 16.50 - 16.70 SPT(S) 50 (19,6/50 for 45mm) 16.50 - 16.70 C 16.50 - 16.70 C 16.50 - 16.70 C 16.50 - 16.70 SPT(S) 50 (19,6/50 for 45mm) 16.50 - 16.70 P = pocket peerformer 16.70 - 16.50 B 16.70 - 16.50 B 16.70 - 16.50 C 16.70 - 16.70	Princes Parade Project No. 2281 Princes Parade Project No. 2281 CC Drilling Services, Rig Number: CP03 Services, Rig Number: CP03 Image: Services, Rig Number: CP03 </td <td>Project No. 2281 Project No. 2281 Project No. 2281 Correlation Section Se</td> <td>IDDORM Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2081 IDE CO-DITION SERVICES, RIG NUMBER: CPU3 CO-DITION SERVICES Depth IDE PT 12.00-12.40 12.00-12.40 12.00 B SPT(C) 12.00-13.00 S0 (25 for 145mm/50 for 130mm) IDE IDE PT IDE PT IDE IDE PT ID</td> <td>Princes Parade Project No. 22231 Co-ordis is 6 Atythe, Kent Co-ordis is 6 Co CD CIIIIng Services, Rig Number: CP3 Dates: 2 Co CD CIIIIng Services, Rig Number: CP3 Date: 2 Co CD CI IIIng Services, Rig Number: CP3 To Tes SeR Rop Orn Orn Cording: 1000000000000000000000000000000000000</td> <td>Description Description Description Project No. 22281 Co-ords C BOUST Description DESCRIPTION</td> <td>Image: Non- 2283 Che-ords EBORCHOLE Log 1 yrthe, Kert yrthe, Kert</td> <td></td>	Project No. 2281 Project No. 2281 Project No. 2281 Correlation Section Se	IDDORM Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2281 Co-ords: 2081 IDE CO-DITION SERVICES, RIG NUMBER: CPU3 CO-DITION SERVICES Depth IDE PT 12.00-12.40 12.00-12.40 12.00 B SPT(C) 12.00-13.00 S0 (25 for 145mm/50 for 130mm) IDE IDE PT IDE PT IDE IDE PT ID	Princes Parade Project No. 22231 Co-ordis is 6 Atythe, Kent Co-ordis is 6 Co CD CIIIIng Services, Rig Number: CP3 Dates: 2 Co CD CIIIIng Services, Rig Number: CP3 Date: 2 Co CD CI IIIng Services, Rig Number: CP3 To Tes SeR Rop Orn Orn Cording: 1000000000000000000000000000000000000	Description Description Description Project No. 22281 Co-ords C BOUST Description DESCRIPTION	Image: Non- 2283 Che-ords EBORCHOLE Log 1 yrthe, Kert yrthe, Kert	

											Trial	Pit No
			DON				T	RIAL	- PI	T LOG	TP	101
											Shee	t 1 of 1
Project Name:	t	Prince	s Parade		Project 2228	t No. 31	Co-ords: Level:	618802.00 6.49	0 - 13480	58.00	D 07/04	ate 4/2021
Locatio	on:		Hythe, Kei	nt			Dimensio	ns (m):		3.40	S	cale
Equipn	nent:	Ν	Aechanical backhoe	e excavator			Dep	oth	09.0			Checked
ter ke	Sam	ples & In Situ	u Testing	Depth	Level	Lagand	3.4	0	Stratur	n Description	1071	
Stri	Depth	Туре	Results	(m)	(m)		0					
	0.80		0.40 0.70 1.55 1.70 2.40	6.08 5.78 4.93 4.78 4.08		MAD Grave Grave Grave Grave Cobb MAD Grave Grave Cobb MAD Grave Grave Cobb MAD Grave Grav Grave Grav Grave Grave Grav Grav Grav Gra	s overlying 1 n gravelly sl se brick, cor ls are fine to rgular boulder o E GROUNE tly sandy cla rete and bitu E GROUNE ge gravelly s els are fine rete, cerami oles are ang cetric cable with E GROUNE ge gravelly s els are fine E GROUNE ge gravelly s els are fine rete, cerami oles are ang um to coars E GROUNE ge gravelly s els are fine rete, cerami	VIADE G ightly sa ightly sa icrete, fil p medium f <i>bituminou</i> compris ightly classic c, flint, g ular brick e. in plastic d compris slightly cl to coarse c, flint, g ular brick e. c, flint, g compristion coarset to coarset to coa	ROUND comprising indy clay. Gravels and int and bituminous sun- <u>surfacing</u> . Sing brown slightly gi- is are fine to coarse surfacing. Sands are sing dark brown to bi- ayey sand with rare angular to subangu- lass bottles and rare of and concrete. Sand <u>ucting</u> .	dark e fine to irfacing. ravelly brick, e coarse. rownish cobbles. ilar brick, wood. ds are ravelly clay. rete and rownish cobbles. ilar brick, wood. ds are		
	3.00	D,J		2.70	3.78		flint. s	Sands are fi	ne. Indy GR, ed to rou I DEPOS	AVEL. Gravels are fin inded flint. Sands ar BITS] Pit at 3.400m	ne to e fine.	3
D = sma J = orga V = vola B = bulk HSV = h PP = po PID = pi	all disturbed sample anic sample (amber titile sample (amber bag sample nand shear vane (kl cket penetrometer hotoionisation dete	r (tub) glass jar) glass vial) Pa) (kg.cm2) ctor (ppm)		Stability Pit walls c	ollapsed b	Detween 2.7	m and 3.4m	n bgl. C ss S	Cemarka oordinates esign purpo etting out d ervices ch	S and levels, where indicate ses. The user is responsit mensions. necked and C.A.T. clear	d, must not be u ale for verifying a red prior to exe	sed for all site and cavation.
								TrialPit No				
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			DON				TRIAL PIT LOG	TP102				
								Sheet 1 of 1				
Project Name:	t	Prince	s Parade		Project 2228	No. 1	Co-ords: 618779.00 - 134886.00 Level: 6.81	Date 08/04/2021				
Locatio	on:		Hythe, Ker	nt			Dimensions (m):	Scale				
Equipn	nent:		Mechanical backhoe	excavator			Depth 0	Logged Checked NJA				
/ater trike	Sam	ples & In Sit	u Testing	Depth	Level	Legend	Stratum Description	I				
≤ 0	Depth	Туре	Results	(11)	(11)		Grass overlying MADE GROUND comprising soft	t dark _				
							brown slightly gravelly slightly sandy clay with roc Gravels are fine to coarse angular to rounded flin brick. Sands are fine.	t and				
	0.80	D,J		0.40	6.41		Hard plastic panel (Im by Im). MADE GROUND comprising soft brown slightly g sandy clay with occasional cobbles. Gravels are f coarse angular brick, concrete, flint, rare metal, p and glass. Cobbles are angular brick and concret Sands are fine.	ravelly ine to astic e. 1 1 1 - - - - - - - - - - - - - - - -				
	2.20	D,J		2.10	4.71		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.					
	2.80	D,J		2.60	4.21		MADE GROUND comprising greyish brown to bro orange slightly clayey gravelly sand with rare cob Gravels are fine to coarse angular to subangular concrete, ceramics, flint and glass. Cobbles are a brick and concrete. Sands are medium to coarse.	wnish bles. brick, .ngular 3 				
				3.50	3.31		Brown slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are fir [STORM BEACH DEPOSITS]) ie 				
				4.00	2.81		End of Pit at 4.000m	4				
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 remain	ed stable.	1	Remarks Coordinates and levels, where indicated, mu design purposes. The user is responsible fo setting out dimensions. Services checked and C.A.T. cleared p	ust not be used for r verifying all site and prior to excavation.				

											TrialPit	No
	IDOI						ר	RIA	L Pľ	T LOG	TP10	3
				_							Sheet 1	of 1
Project Name:	t	Princ	es Parade		Project 2228	No. 1	Co-ords: Level:	618720. 7.29	00 - 1348	73.00	Date 08/04/20)21
Locatio	on:		Hythe, Kent	t			Dimensio	ns (m):		3.50	Scale	•
Equipr	nent:		Mechanical backhoe	excavator			 Dep 4.7	th 0	0.60		Logged C NJA	hecked
ater rike	Sam	ples & In S	itu Testing	Depth	Level	Legend		-	Stratur	n Description	I	
S S	Depth	Туре	Results	(m)	(m)	g	Gras	soverlying			oft dark	
	0.30	D,J					brow Grav brick	n slightly g els are fine Sands ar	e to mediu e fine.	ghtly sandy clay with rc m angular to rounded f	flint and	
	1.00		0.85	6.44		MAD grey cobbl conci bitum	E GROUN slightly gra les. Grave rete and fli ninous surf	ID compris avelly sligh Is are fine Int. Cobble acing. Sal	sing soft brown mottled ttly sandy clay with rare to coarse angular brick s are angular concrete nds are fine.	l dark e k, ≽ and		
	1.50	D,J		1.40	5.89		concrete and flint. Cobbles are angular concrete at bituminous surfacing. Sands are fine. MADE GROUND comprising greyish brown to brow orange gravelly slightly clayey sand with rare cobb Gravels are fine to coarse angular to subangular b concrete, bituminous surfacing, ceramics, flint, glas bottles and rare plastic. Cobbles are angular brick concrete. Sands are medium to coarse. Bundle of old electric wires.				prownish hbbles. r brick, glass ck and	
												5 —
D = sma $J = orga$ $V = vola$ $B = bull$ $HSV = l$ $PP = pc$ $PID = p$	all disturbed sample anic sample (amber atile sample (amber k bag sample hand shear vane (kF ocket penetrometer (hotoionisation detec	Stability Pit remain	ed stable.				Remarks Coordinates design purpo setting out d Services ch	S and levels, where indicated, r sses. The user is responsible i imensions. necked and C.A.T. cleared	nust not be used for verifying all sit prior to excava	for e and ition.		

										TrialF	Pit No
			DON				TRIA		LOG	TP	104
										Sheet	1 of 1
Project Name:	t	Prince	s Parade		Project 2228	No. 1	Co-ords: 618702 Level: 7.40	2.00 - 134841	.00	Da 07/04	ite /2021
Locatio	on:		Hythe, Kent	t			Dimensions (m):		3.70	Sc	ale
Equipn	nent:		Mechanical backhoe	excavator			Depth 3.50	0.60		Logged NJA	Checked
Water Strike	Sam Depth	ples & In Sit	u Testing Results	Depth (m)	Level (m)	Legend		Stratum	Description		
				0.20	7.20		Dry vegetation brown slightly Gravels are fin Sands are fine MADE GROUI gravelly slightl are fine to coa Cobbles are a	n over TOPS gravelly sligt ne to medium s. ND comprisin y sandy clay rse angular l ngular concr	DIL comprising soft da tity sandy clay with ro subangular to rounde ng soft dark brown slig with rare cobbles. Gr prick, concrete and fiir ete. Sands are fine.	ark otlets. ed flint. ghtly avels nt.	
	0.90	D,J		0.70	6.70		MADE GROUI Gravels are fir and rare glass	ND comprisii ne to coarse . Sands are	- ng brown very gravelly angular to rounded br fine to medium.	/ sand. ick, flint	
	2.20	D,J		1.20	6.20		MADE GROUI gravelly sandy coarse angula angular concre	ROUND comprising soft dark brown slightly sandy clay with rare cobbles. Gravels are fine to ngular brick, concrete and flint. Cobbles are concrete. Sands are fine.			
				2.80	4.60		Brown slightly coarse subrou [STORM BEA(sandy GRA\ nded to rour CH DEPOSI	/EL. Gravels are fine t ded flint. Sands are fi ſS]	to ne.	3
				3.50	3.90			End of P	it at 3.500m		4
D = sma J = orga V = vola B = bulk HSV = h PP = po PID = pl	all disturbed sample anic sample (amber title sample (amber bag sample and shear vane (kl ocket penetrometer hotoionisation detec		Stability Pit walls c	ollapsed b	etween 2.8	, m and 3.5m bgl.	Remarks Coordinates an design purposi setting out dim Services che	nd levels, where indicated, m ss. The user is responsible for ensions. cked and C.A.T. cleared	nust not be us or verifying al prior to exca	ed for site and avation.	

							TrialPit	No
			DOU				TRIAL PIT LOG TP10	5
							Sheet 1	of 1
Project Name:	t	Princ	es Parade		Project	No.	Co-ords: 618670.00 - 134845.00 Date	021
Logatio			Hutha Kani		2220	1	Dimonoiono (m): 3.40 Scale	9
Localic	л.						Dimensions (m).	hecked
Equipn	nent:		Mechanical backhoe	excavato	or	1	4.50	
Water Strike	Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description	
	0.30 1.30	D,J D,J		0.80 1.20 1.60 4.20 4.50	6.82 6.42 6.02 3.42 3.12		Dry vegetation over TOPSOL comprising soft dark brown slightly gravelly slightly sandy clay with rootets. 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. 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. Brown slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are fine. [STORM BEACH DEPOSITS] End of Pit at 4.500m	
				04-1-11 ¹¹			Describe	5
D = sma J = orga V = vola B = bulk HSV = H PP = po PID = 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)				t y ined stable.		Remarks Coordinates and levels, where indicated, must not be used design purposes. The user is responsible for verifying all sit setting out dimensions. Services checked and C.A.T. cleared prior to excave	for te and ation.

							TrialF	Pit No
		- 10	DON				TRIAL PIT LOG	106
							Sheet	1 of 1
Project Name:	t	es Parade		Project 2228	No. 1	Co-ords: 618659.00 - 134839.00 Date Level: 7.56 07/04.	ite /2021	
Locatio	on:		Hythe, Ken	nt			Dimensions (m): 3.60 Sca	ale
Equipn	nent:		Mechanical backhoe	excavator			Depth 0 Logged 1.2	Checked
Water Strike	Sam Depth	ples & In S	itu Testing Results	Depth (m)	Level (m)	Legend	Stratum Description	
	Depth 0.60 1.50 2.00 3.00	D,J D,J D,J	Results	(m) 0.45 1.45 1.70 2.90 3.10 3.50	(m) 7.11 6.11 5.86 4.66 4.46 4.06		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. Angular boulder of concrete. MADE GROUND comprising off-white gravelly clay. Gravels are fine to coarse angular chalk. 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. MADE GROUND comprising vellowish brown very slightly gravelly sand with a moderate chemical (medical / dental wash) odour. Gravels are fine to medium. MADE GROUND comprising dark brown to brownish orange gravelly slightly clayey sand with rare cobbles. Gravels are fine to coarse angular brick. Sands are medium to coarse. MADE GROUND comprising vellowish brown very slightly gravelly sand with a moderate chemical (medical / dental wash) odour. Gravels are fine to medium. 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 to subangular brick, concrete, ceramic, flint, glass bottles, rare charcoal, plastic and metal. Cobbles are angular to subangular brick, concrete, ceramic, flint, glass bottles, rare charcoal, plastic and metal. Cobbles are angular brick. Sands are medium to coarse.	
				4.10	3.46		End of Pit at 4.100m	4
D = sma J = orga V = vola B = bull HSV = I PP = pc PID = p	= small disturbed sample (tub) = organic sample (amber glass jar) = volatile sample (amber glass vial) = bulk bag sample SV = hand shear vane (kPa) P = pocket penetrometer (kg.cm2) ID = photoionisation detector (ppm)				ollapsed be	l etween 3.5	I Remarks Coordinates and levels, where indicated, must not be us design purposes. The user is responsible for verifying all setting out dimensions. Services checked and C.A.T. cleared prior to exca	ed for site and avation.

											Trial	Pit No
		10	DON	Π			T	RIA	L PI	T LOG	ТР	107
											Sheet	: 1 of 1
Project Name:		Princ	es Parade		Project 2228	No. 1	Co-ords: Level:	618531.0 7.57)0 - 1348 ⁻	15.00	Da 06/04	ate /2021
Locatio	in:		Hythe, Ker	nt			Dimension	ns (m):		2.50	Sc 1	ale 25
Equipm	nent:		10 ton mechanical	excavator			 Dept 4.00	th)	0.45		Logged SJM	Checked
Water Strike	Samp Depth	les & In S Type	itu Testing Results	Depth (m)	Level (m)	Legend			Stratur	n Description		
	1.20	D,J		1.00	6.57 4.57 3.57		Grass comprictay. C Sands MADE orangi to coa concre Grave [STOF	s and nettly rising dark Gravels ar s are coars s are coars E GROUN ish brown arse subar ete, glass oden log (1.5 oden log (1.5	es overlyi brown sl e medium se. D compris gravelly s gular flint and plast <u>m long, 0.3</u> rery sand dium rour H DEPOS	ng MADE GROUND ightly gravelly slightly a subangular flint and l sing dark brown mottle sandy clay. Gravels an c, brick, metal, charcoa ic. Sands are coarse. <u>m d</u> iameter).	sandy prick.	
D = sma J = orga V = vola B = bulk HSV = h PP = po PID = pl	 e small disturbed sample (tub) = organic sample (amber glass jar) = volatile sample (amber glass vial) = bulk bag sample ISV = hand shear vane (kPa) P = pocket penetrometer (kg.cm2) ID = photoionisation detector (ppm) 				ide collaps	se from 0 to	2.0 m bgl.		Remarks Coordinates design purpo setting out di Services ch	S and levels, where indicated, sses. The user is responsible imensions. necked and C.A.T. cleare	must not be us for verifying a d prior to exc	5 — sed for Il site and avation.

								TrialPit No
			DON				TRIAL PIT LOG	TP108
	roject Princes Parade ame:							Sheet 1 of 1
Project Name:	t	Princ	es Parade		Project 2228	: No. 81	Co-ords: 618516.00 - 134812.00	Date 06/04/2021
Locatio	n.		Hythe Ke	nt			Dimensions (m): 2.50	Scale
Equipp	nent:		11 ton mechanical	excavator			Depth O	1:25 Logged Checked
- quipii	Sam	ples & In Si	tu Testina				4.00	SJM
Wate	Depth	Туре	Results	Depth (m)	(m)	Legend	Stratum Description	
	0.40	D,J		0.90	6.94		Grass and nettles overlying MADE GROUND comprising dark brown slightly gravelly slightly s clay. Gravels are medium subangular flint, brick plastic. Sands are coarse. MADE GROUND comprising dark brown mottlee orangish brown gravelly sandy clay. Gravels are to coarse subangular flint, brick, metal, concrete	andy
	2.10 2.20	B D,J					Potential asbestos containing material.	2
				3.20	4.64		Brown very sandy GRAVEL. Gravels are mediur coarse rounded flint. Sands are coarse. [STORN BEACH DEPOSITS]	n to
				4.00	3.84		End of Pit at 4.000m	4 5
D = sma J = orga V = vola B = bulk HSV = t PP = pc PID = p	 e small disturbed sample (tub) = organic sample (amber glass jar) '= volatile sample (amber glass vial) = bulk bag sample ISV = hand shear vane (kPa) IP = pocket penetrometer (kg.cm2) IID = photoionisation detector (ppm) 				collapsing f	irom 3.2 to 4	4.0 m bgl. Services checked and C.A.T. cleared	nust not be used for for verifying all site and prior to excavation.

											TrialP	it No
			DOL				T	RIA	_ PI	T LOG	TP1	09
											Sheet	1 of 2
Project Name:	:	Prince	s Parade		Project	t No.	Co-ords:	618449.0	0 - 13482	22.00	Dat	te 2021
Loootia			Hutha Ka	nt	2220		Dimonsion	0.02		2.50	Sca	ile
	и т.						Dimension	15 (111). th	.45		1:2	5 Checked
Equipm	nent:		12 ton mechanical	excavator	Т	-1	5.20	0	0		SJM	Chicolog
Vater Strike	Sam	ples & In Sit	u Testing	Depth (m)	Level (m)	Legend			Stratur	n Description		
> 0	Depth	туре	Results				8 Grass	and nettle	es overlyi	ng MADE GROUND		
	2.20	D,J		1.00	5.62		MADE orang to coa and p	rising dark Gravels are c. Sands a E GROUNI jish brown arse suban lastic. San	brown sl e medium re coarse D compris gravelly s gular flint ds are co	ightly gravelly slightly s subangular flint, brick sing dark brown mottled andy clay. Gravels are , brick, metal, concrete arse.	andy and d e medium e, glass	
				3.00	3.62		MADE grave glass	E GROUNI Ily very sai and brick.	D compris ndy clay. Sands ar	sing greenish brown sli Gravels are medium ar e medium.	ghtly ngular	
	3.40	D,J		2.50	2.40							-
				4.00	2.62		Greyis Grave [STOI	sh brown v els are meo RM BEACH	rery sand dium rour H DEPOS	y slightly clayey GRAV Ided flint. Sands are co SITS] ev GRAVEL Gravels of	EL. parse.	4
	5.00	D,J					BEAC	im rounded H DEPOS	ITS]	nds are coarse. [STOR		- 5 -
D = sma	l all disturbed sample	(tub)		Stability	<u> </u>	_1	1	F	Remark	5		
J = orga V = vola B = bulk HSV = h PP = po PID = pl	tile sample (amber tile sample (amber bag sample hand shear vane (ki cket penetrometer hotoionisation detec	glass jar) glass vial) Pa) (kg.cm2) ctor (ppm)		Stable pit sides.				C s s	Coordinates lesign purpo setting out di Services ch	and levels, where indicated, r see. The user is responsible mensions. necked and C.A.T. cleared	nust not be use for verifying all prior to exca	ed for site and vation.

										TrialPit I	No
			DOU	Π			TRIA	AL PIT LOG		TP109	•
										Sheet 2 of	of 2
Project Name:	t	Prin	ces Parade		Project 2228	No. 1	Co-ords: 618449 Level: 6.62	9.00 - 134822.00		Date 06/04/20	21
Locatio	on:		Hvthe, Ken	t			Dimensions (m):	2.50		Scale	
			· · j - · - , · · - · ·	-			Denth).45		1:25 Logged Cl	necked
Equipn	nent:		12 ton mechanical e	excavator	1	1	5.20	0		SJM	
Water Strike	Samı Depth	oles & In S	Situ Testing Results	Depth (m)	Level (m)	Legend		Stratum Description			
							Off-white very	א sandy clayey GRAVEL. (ded flint. Sands are coars	Gravels a e. [STOR	re M	-
				5.20	1.42	<u></u>		End of Pit at 5.200m			
											-
											-
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											6
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											-
											-
											-
											10 —
D = sma	all disturbed sample	(tub)		Stability				Remarks	indicate -	unt not he	or
J = orga V = vola	anic sample (amber) atile sample (amber)	glass jar) glass vial)		Stable pit	sides.			design purposes. The user is resetting out dimensions.	indicated, m esponsible fo	ust not be used f or verifying all site	or e and
	hand shear vane (kP bocket penetrometer (Services checked and C.A.	T. cleared	prior to excavat	tion.	
PID = p	hotoionisation detec	tor (ppm)									

									TrialPit No
			DON				TRIAL	. PIT LOG	TP110
									Sheet 1 of 1
Project Name:		Prince	s Parade		Project	No.	Co-ords: 618417.00	0 - 134817.00	Date
					2220	1	Level. 0.51	3.50	Scale
Locatio	n:		Hythe, Kent				Dimensions (m):	00	1:25
Equipm	nent:		13 ton mechanical e	xcavator			Depth 4.30	ö	Logged Checked NJA
ater rike	Sam	ples & In Sit	u Testing	Depth	Level	Legend		Stratum Description	
St 🤇	Depth	Туре	Results	(m)	(m)				un riain a
	1.05	D,J		1.00 1.10 1.30 3.80 4.00 4.30	5.50 5.40 5.20 2.70 2.50 2.20		MADE GROUND orangish brown s Gravels are medi brick, glass and r MADE GROUND gravelly sand. Gr and concrete. Sa MADE GROUND orangish brown s Gravels are medi metal, brick, com fine to medium. <i>Bundles of metal</i> b	ery slightly sandy GRAVEL. Gr provide to rounded fint. Sander of the second sec	n and clay. ngular medium. slightly ar brick n and clay. ngular ds are 2
D = sma J = orga V = vola B = bulk HSV = h PP = po PID = pt	Il disturbed sample nic sample (amber tile sample (amber bag sample and shear vane (kF cket penetrometer (notoionisation detec	(tub) glass jar) glass vial) Pa) kg.cm2) tor (ppm)		Stability Pit remair	ned stable.	1	R Ci de se S	Remarks oordinates and levels, where indicated, sign purposes. The user is responsible atting out dimensions. ervices checked and C.A.T. cleare	I must not be used for a for verifying all site and d prior to excavation.

									TrialPit	No
		IC	DON	Π			TRIAL PIT L	OG	TP11	1
									Sheet 1	of 1
Project Name:	t	Princ	es Parade		Project 2228	No.	Co-ords: 618423.00 - 134794.00 Level: 7.10		Date 01/04/20)21
Locatio	on:		Hythe, Ken	ıt I			Dimensions (m):	3.30	Scale	;
Equipn	nent:		13 ton mechanical e	excavator			Depth O		Logged C	hecked
e e	Sam	ples & In S	itu Testing	Denth			3.20 —		NJA	
Wate Strik	Depth	Туре	Results	(m)	(m)	Legend	Stratum Descr	iption		
	1.40	D,J		0.80	6.30 5.90		Dry vegetation overlying MADE C soft dark brown gravelly slightly s fine to coarse angular brick, cond are fine to medium. MADE GROUND comprising ver gravelly clay. Gravels are fine to MADE GROUND comprising yell gravelly sand. Gravels are fine to and concrete. Sands are fine to r	ROUND comp andy clay. Grav rete and flint. S y dark grey sligh coarse angular owish brown sli coarse angular nedium.	rising rels are ands htly brick. ghtly r brick	1
	2.90	D,J		2.40	4.70		Greyish brown very slightly sand fine to coarse subrounded to roui coarse. [STORM BEACH DEPOS	/ GRAVEL. Gra nded flint. Sand SITS]	vels are s are	2
				3.20 Stability	3.90		End of Pit at 3.	200m		4
D = sma J = orga V = vola B = bulk HSV = h PP = po PID = p	all disturbed sample anic sample (amber atile sample (amber c bag sample nand shear vane (kF pocket penetrometer (hotoionisation detec		Pit walls c	ollapsed be	etween gro	und level and 3.2m setting out dimensions Services checked an	, where indicated, m user is responsible fo nd C.A.T. cleared	nust not be used or verifying all sit prior to excava	for e and ation.	

									TrialPit No
		10	DOU				TRIAL PIT	LOG	TP112
									Sheet 1 of 1
Project Name:	t	Prine	ces Parade		Project 2228	No.	Co-ords: 618371.00 - 134792.0 Level: 7.43	00	Date 01/04/2021
Locatio	on:		Hythe, Ken	ıt			Dimensions (m):	3.20	Scale
Equipn	nent:		13 ton mechanical e	excavator			Depth 0		Logged Checked NJA
ater rike	Samp	les & In S	Situ Testing	Depth	Level	Legend	Stratum D	escription	
Šti	Depth	Туре	Results	(m)	(m)		Dry vegetation overlying MA		risina
	0.30	D,J					soft dark brown gravelly slig fine to coarse angular brick, are fine to medium.	ntly sandy clay. Gran	iands
				1.30	6.13		MADE GROUND comprising orangish brown slightly grave Gravels are medium to coars brick, concrete, plastic, flint a fine to medium.	g soft greyish brown elly slightly sandy cl se angular to suban and rare glass. Sand	and ay gular Is are
	3.00			1.80	5.63		MADE GROUND comprising gravelly sand. Gravels are fi subangular brick, concrete a	g yellowish brown sli ne to medium angul nd rare glass. Sand	ghtly ar to s are
	2.20	В		2.10	5.33		fine to medium. MADE GROUND comprising orangish brown slightly grave Gravels are medium to coars brick, concrete, flint, metal, p are fine to medium. Potential asbestos containing ma	g soft greyish brown elly slightly sandy cl se angular to suban olastic and rare glas terial.	and ay. gular s. Sands
	3.90	D,J		3.70	2.83		Brown slightly sandy GRAVE coarse subrounded to round [STORM BEACH DEPOSITS	EL. Gravels are fine ed flint. Sands are c S] at 4.600m	to poarse.
									5 —
D = sma J = orga V = vola B = bulk HSV = h PP = pc PID = p	l all disturbed sample (anic sample (amber g title sample (amber g t bag sample nand shear vane (kP; cket penetrometer (k hotoionisation detect	l itub) ilass jar) ilass vial) a) ig.cm2) or (ppm)		Stability Pit walls o	l collapsed b	l etween 3.7r	n and 4.6m bgl. Services check	levels, where indicated, n . The user is responsible f isions. ked and C.A.T. cleared	nust not be used for or verifying all site and prior to excavation.

							TrialPit No	C			
			DOU				TRIAL PIT LOG TP113				
							Sheet 1 of	1			
Projec Name:	t	Princ	es Parade		Project 2228	No.	Co-ords: 618297.00 - 134773.00 Date Level: 7.64 01/04/2021	1			
Locatio	on:		Hythe, Ken	I			Dimensions (m): 3.40 Scale				
Equipr	nent:		13 ton mechanical e	excavator			Depth 0 5 00	cked			
/ater trike	Sam	oles & In Si	tu Testing	Depth	Level	Legend	d Stratum Description				
≤ ω	Depth	Туре	Results		(11)		Drv vegetation overlving MADE GROUND comprising				
				0.90	6.74		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, metal, glass and rare wood. Sands are fine to medium.	1			
	1.60	0 D,J		2.20	5.44		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			
				4.10	3.54		Greyish brown slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	4			
				5.00	2.64		End of Pit at 5.000m	5 —			
D = smaJ = orgaV = volaB = bullHSV = IPP = pcPID = p	all disturbed sample anic sample (amber g atile sample (amber g k bag sample hand shear vane (kP ocket penetrometer (i hhotoionisation detec	(tub) glass jar) glass vial) Pa) kg.cm2) tor (ppm)		5.00 2.64 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				

											TrialPit	No
			DOU				T	RIA	L PI	T LOG	TP11	4
											Sheet 1	of 2
Project	t	Prince	es Parade		Project	No.	Co-ords:	618288.	00 - 1347	83.00	Date	
inte.					2228	31	Level:	7.23		2.80	01/04/20	021
Locatio	on:		Hythe, Kent	t			Dimensior	ns (m):	0	2.00	1:25	,
Equipn	nent:		13 ton mechanical e	excavator			Dep	th 0	0.6		Logged C NJA	hecked
ater ike	Sam	ples & In Sit	tu Testing	Depth	Level	Legend		-	Stratu	m Description		
Str	Depth	Туре	Results	(m)	(m)		> D					1
	0.30	D,J		0.65	6.58		MADI orang	E GROUN	ID compri- slightly g	sing soft greyish brow ravelly slightly sandy	h roots. oncrete n and clay.	
						orangish brown slightly gravelly slightly sandy clay. Gravels are medium to coarse angular to subangula brick, concrete, flint, plastic, glass and occasional we Sands are fine to medium. Sands are fine to medium.					ngular nal wood.	2
	3.00	D,J		2.70	4.53		MADI grave Grave concr brick.	E GROUN Illy sandy els are fin ete, flint, i Sands ar	ID compri clay with a e to coars metal and e fine to n	sing soft very dark gre a moderate organic oc e angular to subangul a couple of angular b nedium.	ey slightly dour. ar brick, oulders of	3
	3.80	D,J		3.40	3.83		Dark odou rounc	grey claye r. Gravels led flint. [{	ey GRAVE are fine to STORM B	EL with a moderate hy o coarse subrounded f EACH DEPOSITS]	drocarbon to	4
				4.40	2.83		Firm	greenish g e. [TIDAL	grey slight FLAT DE	ly sandy CLAY. Sand POSITS]	is fine to	5
D = sma J = orga V = vola B = bull HSV = I PP = pc PID = p	I all disturbed sample anic sample (amber atile sample (amber k bag sample hand shear vane (kf ocket penetrometer hotoionisation detec	(tub) glass jar) glass vial) Pa) (kg.cm2) ctor (ppm)		Stability Pit remain	led stable.	<u> </u>	I		Remark Coordinates design purp setting out d Slight hydr	S and levels, where indicated oses. The user is responsible limensions. ocarbon odour between a	, must not be used e for verifying all sit 3.4m and 4.4m b	for le and gl.

									TrialPit	No
Project Bringes Parade							TRIA	L PIT LOG	TP114	4
									Sheet 2	of 2
Project	t	Princ	ces Parade		Project	No.	Co-ords: 618288	3.00 - 134783.00	Date	
Name:		•			2228	1	Level: 7.23		01/04/20)21
Locatio	on:		Hythe, Kent	t			Dimensions (m):	2.80	Scale	•
- auton			40 ten mochanical c				_ Depth	0.60	Logged C	hecked
Equipin					1	1	5.50		NJA	
/ater trike	Samp	oles & In S	itu Testing	Depth	Level	Legend		Stratum Description		
≤ ω	Depth	Туре	Results	(""/	(''')		Eirm greenish	grov clightly sandy CLAY Sa	and in fine to	1
			ĺ				coarse. [TIDAI	L FLAT DEPOSITS]		
			ĺ							
			ĺ				* C.			-
			ĺ	5.50	1.73			End of Pit at 5.500m		
			ĺ							
			ĺ							-
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			ĺ							6 -
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			<u> </u>	Stability				Pomarks		10 —
D = sma J = orga	all disturbed sample anic sample (amber g	(tub) glass jar)		Pit remain	ed stable.			Coordinates and levels, where indic	ated, must not be used	for
V = vola B = bulk	itile sample (amber (k bag sample	glass vial)						design purposes. The user is respo setting out dimensions.	nsible for verifying all site	e and
HSV = h PP = po	i = bulk bag sample ISV = hand shear vane (kPa) 'P = pocket penetrometer (kg.cm2)						Slight hydrocarbon odour between 3.4m and 4.4m bgl.			
PID = pl	hotoionisation detec									

								TrialPit No		
		10	DOU				TRIAL PIT LOG	TP115		
								Sheet 1 of 2		
Project	t	Princ	es Parade		Project	No.	Co-ords: 618261.00 - 134781.00	Date		
					2228	1	Level: 6.95 3.30	01/04/2021 Scale		
Locatio	on:		Hythe, Ken	t			Dimensions (m):	1:25		
Equipn	nent:		13 ton mechanical e	excavator		_	Depth ci	Logged Checked NJA		
ater trike	Samp	les & In S	itu Testing	Depth	Level	Legend	Stratum Description			
≤ö	Depth	Туре	Results	(11)	(11)		Dry vegetation overlying MADE GROUND com	prising		
	1.20	D,J		0.70	6.25		MADE GROUND comprising soft greyish brown orangish brown sandy slightly gravelly clay. Gramedium to coarse angular to subangular brick, flint, plastic, glass and rare metal. Sands are fir medium. Rubber tyre and metal radiator	n and rare		
	2.70	D,J		2.50	4.45		MADE GROUND comprising soft very dark gre gravelly sandy clay with a weak hydrocarbon or Gravels are fine to coarse angular to subangula concrete, flint, paper, wood, rare glass and rare Sands are fine to medium.	y slightly dour. ar brick, cloth. 3		
D = sma J = orga V = vola B = bulk	all disturbed sample (antic sample (amber g atile sample (amber g k bag sample "	(tub) tlass jar) lass vial)		4.50 Stability Pit remain	2.45 ed stable.		Grey slightly sandy GRAVEL. Gravels are fine t subrounded to rounded flint. [STORM BEACH DEPOSITS] Remarks Coordinates and levels, where indicated, design purposes. The user is responsible setting out dimensions.	to coarse		
PP = po PID = pl	hotoionisation detect	g.cm2) or (ppm)					Slight hydrocarbon odour between 2.5m and 4.5m bgl.			

										TrialPit I	No
	IDO			Π			TRIA	L PIT LOG		TP115	5
										Sheet 2 of	of 2
Project	i	Prin	res Parade		Project	No.	Co-ords: 618261	1.00 - 134781.00		Date	
Name:		1 100			2228	1	Level: 6.95			01/04/20	21
Locatio	on:		Hythe, Ken	t			Dimensions (m):	3.30		Scale	
			-				 	0.60		1:25 Loaaed Ct	necked
Equipn	nent:		13 ton mechanical e	excavator	1		5.50			NJA	
Vater trike	Sam	oles & In S	Situ Testing	Depth	Level	Legend		Stratum Description			
5 00	Depth	Туре	Results	()	()		Grev slightly s	andy GRAVEL Gravels	are fine to c	coarse	
							subrounded to	o rounded flint. [STORM E	BEACH		-
											-
											-
				5.50	1.45			End of Pit at 5.500m			
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											-
											-
											6 -
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											-
											-
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											7 —
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											-
											9
				.							10 —
D = sma	all disturbed sample	(tub) glass iar)		Stability Pit remain	ed stable			Remarks Coordinates and levels. where	indicated. mu	st not be used f	or
V = vola	atile sample (amber)	glass vial)			כם שמטוב.			design purposes. The user is r setting out dimensions.	esponsible for	verifying all site	e and
HSV = h	hand shear vane (kP	a)						Slight hydrocarbon odour b	etween 2.5n	n and 4.5m bo	gl.
PID = pl	hotoionisation detec										

											TrialF	Pit No
Project Name: Princes Parade							T	RIA	LPI	T LOG	TP	116
											Sheet	1 of 1
Project		Princ	ces Parade		Project	t No.	Co-ords:	618242	.00 - 13475	55.00	Da	ate
Name.					2228	31	Level:	7.23		3 10	31/03	/2021
Locatio	n:		Hythe, Kent	t			Dimensior	ns (m):	30	5.10	1:	25 <u> </u>
Equipm	nent:		13 ton mechanical e	xcavator			Dep 2.5	th 0	0.6		Logged NJA	Checked
ater rike	Sam	ples & In S	itu Testing	Depth	Level	Leaend			Stratur	n Description		
š₫	Depth	Туре	Results	(m)	(m)							
	1.30	D,J		0.90 1.20 1.90 2.50	6.33 6.03 5.33 4.73		MADI grave concr cobbl MADI slight subar Sand	E GROUN Ital bar (10 c Sands Ital bar (10 c E GROUN Ital bar (10 c E GROUN Ity clayey Ity clayey It	ND comprises and the second se	MADE GROUND com lightly sandy clay. Gra r brick, concrete, flint i medium. 	r sandy r sandy r brick, ilar ery o coarse stic. r sandy r brick, are fine to	
D = sma J = orga	Ill disturbed sample nic sample (amber	(tub) glass jar)		Stabilit Pit walls	y collapsed b	petween gro	und level a	 nd 2.5m	Remarks	S and levels, where indicated,	must not be us	
V = vola B = bulk HSV = h PP = po PID = pl	 a organic sample (amber glass jar) y = volatile sample (amber glass vial) B = bulk bag sample SV = hand shear vane (kPa) P = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm) 								design purpo setting out di Services ch	ses. The user is responsible mensions. necked and C.A.T. cleared	for verifying al	l site and avation.

										TrialPit I	No
			DOU				TRIA	L PI	T LOG	TP117	7
										Sheet 1 o	of 1
Project Name:	:	Princ	ces Parade		Project 2228	No. 1	Co-ords: 618217 Level: 7.14	7.00 - 13474	49.00	Date 31/03/20	21
Locatio	n:		Hythe, Ken	t			Dimensions (m):		3.50	Scale	
Equipn	nent:		13 ton mechanical e	excavator			Depth	0.60		Logged Cł NJA	hecked
ater rike	Samp	les & In S	itu Testing	Depth	Level	Legend	4.00	Stratur	n Description		
≥≌	Depth	Туре	Results	(m)	(m)		Dry vegetation	n overlying l	MADE GROUND comp	rising	_
				0.80	6.34		soft dark brow medium to co plastic. Sands MADE GROU sandy clay. G	In gravelly s arse angula are fine to ND comprise ravels are fine plastic rar	slightly sandy clay. Grav r brick, concrete, flint a medium. sing soft brown gravelly ne to coarse angular b e metal and rare class	r slightly rick, Sands	
	1.10					are fine to me Frequent ang Metal bar (5 c	, plastic, fall dium. <i>ilar cobbles of c</i> <u>m diameter).</u>	e metal and rare glass. 	Sanus		
				2.00	5.14		MADE GROU sandy clay. G concrete, flint fine to mediur Half a metal d	ND compris ravels are fi , metal, plas n. <i>rum</i> .	sing soft brown gravelly ne to coarse angular bi ttic and rare glass. San 	^y slightly rick, ds are	2
	2.80	D,J		2.60	4.54		MADE GROU sandy clay. G rounded brick	ND compris ravels are fi , flint and ra	sing soft slightly gravell ne to medium angular t re metal. Sands are fin	y slightly to ie.	3
	4.00	D,J		3.70	3.44		Grey very slig coarse subrou [STORM BEA	htly sandy (inded to rou CH DEPOS	GRAVEL. Gravels are fi Inded flint. Sands are c ITS]	ine to coarse.	4
				4.50	2.64		- - - - -	End of	Pit at 4 500m		
								Dem	_		5 —
D = sma J = orga V = vola B = bulk HSV = h PP = po PID = pl	all disturbed sample (inic sample (amber g title sample (amber g bag sample nand shear vane (kPa cket penetrometer (k hotoionisation detect		Stability Pit walls c	collapsed b	etween 3.7ı	3.7m and 4.5m bgl. Services checked and C.A.T. cleared prior to excavation.				for e and tion.	

									TrialPit No	
			DOU	Π			TRIAL F	PIT LOG	TP118	
									Sheet 1 of 1	
Project	t	Princ	es Parade		Project	No.	Co-ords: 618194.00 - 1	34759.00	Date	
Name:		1 1110			2228	1	Level: 7.03		31/03/2021	
Locatio	on:		Hythe, Ken	t			Dimensions (m):	2.50	Scale	
							Depth	0.45	1:25 Logged Checked	
Equipn	nent:			1			5.00		SJM	
ater trike	Samp	les & In S	itu Testing	Depth	Level	Legend	Sti	ratum Description		
≥∞	Depth	Туре	Results	(m)	(m)					
	0.30	D,J		0.60	6.43		Grass and nettles ovv comprising dark brow clay. Gravels are mer flint. Sands are coars MADE GROUND cor clay with occasional o plastic bags. Gravels concrete, metal, brick	erlying MADE GROUND vn slightly gravelly slightly s dium subangular brick, plas se. mprising dark brown gravel cobbles and boulders and 2 are coarse angular plastic < and glass. Sands are coa	sandy stic and ly sandy 20% , cloth, rse. 1	
				3.20	3.83		MADE GROUND cor grey gravelly very sa odour. Gravels are m metal and flint. Sands	nprising black mottled gree ndy clay with a moderate o ledium subangular glass, c s are coarse.	enish rganic linker,	
	4.30	D,J		4.10 4.60	2.93 2.43		MADE GROUND cor grey clayey gravel wi Gravels are medium are coarse. Firm greenish grey sl coarse subangular sh	nprising black mottled gree th a moderate organic odo subangular flint and wood. lightly sandy CLAY. Sands nells. [TIDAL FLAT DEPOS	A	
				5.00	2.03		-	of Dit of E 000		
		 (hh.)		Stability			l Er Rem	arks	~	
D = sma J = orga V = vola B = bulk HSV = H PP = pc PID = p	= small disturbed sample (tub) = organic sample (amber glass jar) = volatile sample (amber glass vial) = bulk bag sample SV = hand shear vane (kPa) P = pocket penetrometer (kg.cm2) ID = photoionisation detector (ppm)			Stability Minor side wall collapses.			Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site setting out dimensions. Services checked and C.A.T. cleared prior to excavat			

										TrialPit No
			DOU				TRIA	AL PIT	LOG	TP119
				_						Sheet 1 of 1
Projec Name:	t :	Princ	es Parade		Project	No.	Co-ords: 61815	4.00 - 134753.0	00	Date
					2220	1			2.50	Scale
Locatio	on:		Hytne, Keni					45		1:25
Equipr	ment:			1	1	1	Depth 4.40	0		SJM
Water Strike	Samı Denth	oles & In S	itu Testing Results	Depth (m)	Level (m)	Legend		Stratum D	escription	
	1.40	D,J		0.60	6.30		Grass and ne comprising di clay. Gravels Sands are co MADE GROU clay with occ: plastic bags. concrete, me	attles overlying J ark brown slight are medium su arse. JND comprising asional cobbles Gravels are coa tal, brick and gl	MADE GROUND ly gravelly slightly s bangular plastic and dark brown gravell and boulders and 2 arse angular plastic, ass. Sands are coar	andy d flint. y sandy 20% rse. 1 -
	3.00	D,J	2.70 4.20 MADE GROUND comprising black mottled greenish grey gravelly very sandy clay with a weak hydrocarbo odour. Gravels are medium subangular glass, clinker metal and flint. Sands are coarse.		nish carbon inker, 3 -					
	4.10	D,J		3.90 4.00 4.40	3.00 2.90 2.50		MADE GROU grey gravelly odour. Grave Sands are co Firm greenist coarse subar	JND comprising very sandy clay ls are medium s varse. n grey slightly s gular shells. [T End of Pit	black mottled gree with a moderate or ubangular flint and andy CLAY. Sands a DAL FLAT DEPOS at 4.400m	nish rganic 4 - wood. are ITS]
D = sm J = org: V = vol: B = bul HSV = PP = po PID = p	all disturbed sample anic sample (amber atile sample (amber tatile sample hand shear vane (kF ocket penetrometer (ohotoionisation detec	(tub) glass jar) glass vial) va) kg.cm2) tor (ppm)		Stability Minor side	e wall colla	oses.		Remarks Coordinates and design purposes setting out dimer Services check	levels, where indicated, n The user is responsible f sions. ed and C.A.T. cleared	nust not be used for for verifying all site and prior to excavation.

								TrialPit No				
			DOC	Π			TRIAL PIT LOG	TP120				
								Sheet 1 of 1				
Projec Name:	t	Princ	es Parade		Project	No. 1	Co-ords: 618128.00 - 134754.00	Date				
Leasti			Lintha Kan		2220	1	2.50	Scale				
Locatio	on:		Hytne, Ken	t			Dimensions (m):	1:25				
Equipr	ment:			1	1		Depth O 4.80	SJM				
Water Strike	Samp Depth	les & In S	itu Testing Results	Depth (m)	Level (m)	Legend	Stratum Description					
	Depui	Type					Grass and nettles overlying MADE GROUND	-				
							comprising dark brown slightly gravelly slightly s clay. Gravels are medium subangular plastic and Sands are coarse.	andy d flint 				
				0.00	6.44			-				
				0.60	6.41		MADE GROUND comprising dark brown gravell clay with occasional cobbles and boulders and 2 plastic bags. Gravels are coarse angular plastic, concrete. metal. brick and glass. Sands are coarse	y sandy 20% rse				
							1					
	1.80											
							Tvre identified.	2				
								3 —				
	3.70	D.J		3.50	3.51		MADE GROUND comprising black mottled gree grey gravelly very sandy clay with a moderate o odour. Gravels are medium subangular glass, cl	nish rganic inker,				
		_,.		4.00	2.01		metal and flint. Sands are coarse.					
				4.00	3.01		Greyish brown very sandy slightly clayey GRAV Gravels are medium rounded flint. Sands are co [STORM BEACH DEPOSITS]	EL. 4				
	4.70	D,J					Dark grey water coating the flint.	-				
				4.80	2.21		End of Pit at 4.800m					
1								5 —				
D = sm $J = orga$ $V = vola$ $B = bull$ $HSV =$ $PP = pc$ $PID = p$	all disturbed sample anic sample (amber g atile sample (amber g k bag sample hand shear vane (kP ocket penetrometer (k hotoionisation detect	t (tub) glass jar) glass vial) a) kg.cm2) for (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 a setting out dimensions. Services checked and C.A.T. cleared prior to excavatio					

								TrialPit No		
			DON				TRIAL PIT LOG	TP121		
								Sheet 1 of 1		
Projec Name:	t	Prince	es Parade		Project	No. 1	Co-ords: 618099.00 - 134724.00	Date		
					2220		2.50	Scale		
Locatio	on:		Hytne, Ken	l				1:25		
Equipr	ment:						3.80	SJM		
Water Strike	Sam	ples & In Si	tu Testing Results	Depth (m)	Level (m)	Legend	Stratum Description			
	Bopui	Type					Grass and nettles overlying MADE GROUNE) _		
	0.50	D,J					comprising dark brown slightly gravelly slight clay. Gravels are medium subangular plastic Sands are coarse.	ly sandy and flint 		
				0.60	6.32		MADE GROUND comprising dark brown gra clay with occasional cobbles and boulders and plastic bags. Gravels are coarse angular pla	velly sandy nd 20% stic		
							concrete, fibre glass, metal, brick and glass.	Sands are		
							90% plastic bags and bottles.	1 -		
							2			
				2.50 4.42			MADE GROUND comprising black mottled g grey gravelly very sandy clay with a moderat odour. Gravels are medium subangular glass metal and flint. Sands are coarse.	reenish – e organic – s, clinker, –		
	3 20							3		
	3.70	D,J		3.30	3.62		Greyish brown very sandy slightly clayey GR Gravels are medium rounded flint. Sands are [STORM BEACH DEPOSITS]	AVEL.		
				3.80	3.12		End of Pit at 3.800m			
								4		
							 	5 —		
D = smaJ = orgaV = volaB = bullHSV = IPP = poPID = p	all disturbed sample anic sample (amber atile sample (amber k bag sample hand shear vane (kF pocket penetrometer (hotoionisation detec	(tub) glass jar) glass vial) Pa) (kg.cm2) tor (ppm)		Stability Minor side	wall collap	oses.	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.			

											TrialPit No	
			DOU					TRIA	L Pľ	T LOG	TP122	
				_							Sheet 1 of 2	
Project Name:	t	Prince	es Parade		Project 2228	No. 1	Co-ords: Level:	618096. 7.01	00 - 1347	59.00	Date 31/03/2021	
Locatio	on:		Hythe, Kent	I			Dimensio	ons (m):		2.50	Scale	
Equipr	nent:		• ·				Dej	pth	0.45		1:25 Logged Checker	d
- e	Sam	oles & In Sit	tu Testing	D //			5.4	20			03101	
Wate Strik	Depth	Туре	Results	(m)	(m)	Legend			Stratur	n Description		
	1.90	D,J		0.50	6.51		MAE clay. Sand MAE clay plass cond mAE grav grav grav grav grav	DE GROUN with occas tic bags. G crete, meta	es overlyi k brown sl re medium 'se. ID compris ional cobb ravels are l, brick and l, brick and i brick and compris andy clay s e to medium	ng MADE GROUND ightly gravelly slightly s a subangular plastic and sles and boulders and 2 coarse angular plastic, d glass. Sands are coal sing greenish grey sligh with a strong organic of m subangular wood, pa	andy d flint. y sandy 20% rse. 1 - 2 - 2 - 1 - 3 - 1 - 1 - 3 - 1 - 4 -	
					2.21		MADE GROUND comprising dark grey slightly gravelly very sandy clay with a strong organic odour. Gravels are				gravelly avels are	
				0.00	2.01		Domovica				5 -	
D = sma $J = orga$ $V = vola$ $B = bull$ $HSV = I$ $PP = pc$ $PID = p$	D = small disturbed sample (tub) = organic sample (amber glass jar) / = volatile sample (amber glass vial) 3 = bulk bag sample 4SV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				5.00 2.01 Stability Minor side wall collapses.			Remarks Coordinates and levels, where indicated, must not be use design purposes. The user is responsible for verifying all setting out dimensions. Services checked and C.A.T. cleared prior to exca				

								TrialPit No	
		IE	DON				TRIA	L PIT LOG	TP122
									Sheet 2 of 2
Project Name:		Princ	es Parade		Project 2228	No. 1	Co-ords: 618096 Level: 7.01	5.00 - 134759.00	Date 31/03/2021
Locatior	n:		Hythe, Ken	t			Dimensions (m):	2.50	Scale
Equipm	ent:						Depth	0.45	1:25 Logged Checked SJM
ke r	Samp	oles & In Si	itu Testing	Depth	Level	Lange	0.20		
Wa Stri	Depth	Туре	Results	(m)	(m)	Legend		Stratum Description	
	Samples & In Situ Testing C Depth Type Results C 5.10 D,J			5.20	1.81		MADE GROU very sandy cla fine to medium Sands are me Firm greenish coarse subang	ND comprising dark grey slightly ay with a strong organic odour. G n subangular wood, paper and g dium. grey slightly sandy CLAY. Sand gular shells. [TIDAL FLAT DEPC End of Pit at 5.200m	r gravelly sravels are lass. s are vSITS] 6 7 7 9 9 9 10 10
D = smal J = orgar V = volat B = bulk HSV = ha PP = poo PID = ph	= small disturbed sample (tub) = organic sample (amber glass jar) = volatile sample (amber glass vial) = bulk bag sample SV = hand shear vane (kPa) P = pocket penetrometer (kg.cm2) ID = photoionisation detector (ppm)				Stability Minor side wall collapses.			Remarks Coordinates and levels, where indicated design purposes. The user is responsib setting out dimensions. Services checked and C.A.T. clear	d, must not be used for le for verifying all site and ed prior to excavation.

								TrialPit No
			DON				TRIAL PIT LOG	TP123
								Sheet 1 of 2
Project Name:		Prince	s Parade		Project	No. 1	Co-ords: 618069.00 - 134757.00	Date 30/03/2021
	n:		Hythe Ken	t			Dimensions (m): 2.50	Scale
			Tryuic, Ren				Depth C	1:25 Logged Checked
Equipm	ient:					1	5.20	SJM
Water Strike	Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description	
	Depth 1.80	D,J	Results	0.50	6.63		Grass and nettles overlying MADE GROUND comprising dark brown slightly gravelly slightly s clay. Gravels are medium subangular plastic an Sands are coarse. MADE GROUND comprising dark brown gravel clay with occasional cobbles and 20% plastic ba Gravels are coarse angular plastic, concrete, m brick and glass. Sands are coarse.	andy d flint.
	2.70 D,J				2.60 4.53 4.50 2.63 4.60 2.53		MADE GROUND comprising greenish grey sligl gravelly very sandy clay with a strong organic o Gravels are fine to medium subangular wood, p glass. Sands are medium. Weak hydrocarbon odour and black staining on wood. Dark grey medium subrounded flint GRAVEL. [S BEACH DEPOSITS] Firm greenish grey slightly sandy CLAY. Sands coarse subangular shells. [TIDAL FLAT DEPOS	are TSJ
D = sma J = orga V = vola B = bulk HSV = h PP = poo PID = ph	Il disturbed sample nic sample (amber g tile sample (amber g bag sample and shear vane (kP cket penetrometer (h totoionisation detect	(tub) plass jar) plass vial) a) g.cm2) or (ppm)		Stability Minor side wall collapses.			Remarks Coordinates and levels, where indicated, design purposes. The user is responsible setting out dimensions. Services checked and C.A.T. cleared	must not be used for for verifying all site and prior to excavation.

									TrialPit No
		10	DOU				TRIA	L PIT LOG	TP123
									Sheet 2 of 2
Project Name:	t	Prin	ces Parade		Project 2228	No. 1	Co-ords: 618069 Level: 7.13	.00 - 134757.00	Date 30/03/2021
Locatio	n.		Hythe Ken	+			Dimensions (m):	2.50	Scale
	л. 							45	1:25
Equipn	nent:						5.20	0	SJM
ater rike	Samp	les & In S	Situ Testing	Depth	Level	Legend		Stratum Description	
≥ <u>∞</u>	Depth	Туре	Results	(m)	(m)		Firm greenish	grey slightly sandy CLAY. Sands a	are _
				5.20	1.93		coarse subang	gular shells. [TIDAL FLAT DEPOS	
								End of Pit at 5.20011	-
									-
									-
									6
									-
									-
									-
									=
									-
									7 —
									-
									=
									8 —
									-
									-
									=
									9 -
									10 -
D = sma	all disturbed sample (1	Stability	1	1	1	Remarks	I	
J = orga V = vola	anic sample (amber g atile sample (amber d	jlass jar) Jass vial)		Minor side	wall collap	ses.		Coordinates and levels, where indicated, r design purposes. The user is responsible	nust not be used for for verifying all site and
B = bulk HSV = h	t bag sample nand shear vane (kPa	a)						Services checked and C.A.T. cleared	prior to excavation.
PP = po PID = pl	ocket penetrometer (k hotoionisation detect	(g.cm2) or (ppm)							

										TrialPit No	
			DOU				TRIA	AL PI	T LOG	TP124	
				_						Sheet 1 of 1	
Project		Prince	es Parade		Project	No.	Co-ords: 61807	6.00 - 1347	44.00	Date	
intaine.					2228	31	Level: 6.79		3.40	30/03/2021	
Locatio	n:		Hythe, Kent	t			Dimensions (m):	ő	0.40	1:25	
Equipn	nent:		13 ton mechanical e	excavator			Depth 4.80	0.6		Logged Checke NJA	əd
/ater trike	Sam	ples & In Sit	u Testing	Depth	Level	Legend		Stratu	n Description		
≤ ò	Depth	Туре	Results	(11)	(11)		Dry vegetatio	n over MAD	E GROUND comprisin	g soft	
	1.00 D,J		dark brown gı medium to co glass and wor Gravels are n brick, concret paper. Sands	Pavelly sligh arse angula od. Sands a VND compri- vn slightly g nedium to c e, flint, glas are fine to boulders of ang	tly sandy clay. Gravels ar brick, concrete, flint, p ire fine to medium. sing soft greyish brown ravelly slightly sandy cl oarse angular to suban s, plastic, rare metal an medium.	are plastic, and ay. gular d rare 1 1 eenish 2 3					
	3.80	D,J		3.70 4.50 4.80	3.08 2.28 1.98		MADE GROL slightly sandy to subrounde Sands are fin Firm greenish to coarse. [TI	IND compri gravel. Gra d brick, con e to mediun e to mediun grey slight DAL FLAT [End of	sing brown slightly clay avels are fine to coarse crete, flint, wood and m n. ly sandy CLAY. Sands a DEPOSITS] Pit at 4.800m	ey angular etal. 4 are fine	
D = sma J = orga V = vola B = bulk HSV = h PP = po PID = pl	= small disturbed sample (tub) • organic sample (amber glass jar) = volatile sample (amber glass vial) = bulk bag sample = bulk bag sample = pocket penetrometer (kg.cm2) D = photoionisation detector (ppm)				/ collapsed b	etween 3.5	3.5m and 4.8m bgl. Bervices checked and C.A.T. cleared prior to excava				

										TrialPit	No
			NOC				TRIA	L PIT LO	OG	TP12	5
										Sheet 1	of 1
Project Name:	t	Princ	es Parade		Project 2228	No. 31	Co-ords: 61808 Level: 7.06	1.00 - 134718.00		Date 30/03/20	021
Locatio	 on:		Hythe, Ken	 t			Dimensions (m):	;	3.60	Scale	;
ľ ,							Denth	09.60		1:25 Logged C	hecked
Equipn	nent:		13 ton mechanical e	xcavator			0.60	<u> </u>		NJA	
Water Strike	Samp Depth	les & In S Type	itu Testing Results	Depth (m)	Level (m)	Legend		Stratum Descri	iption		
Ware and the second	Depth	Type	Results	(m) 0.60	(m) 6.46		Dry vegetatio soft dark brow Gravels are m Sands are fin- encountered a	End of Pit at 0.6	BROUND comp lightly sandy cl k, concrete and tial service	rising ay. flint.	
										5	
D = sma J = orga V = vola B = bulk HSV = h PP = po PID = pl	small disturbed sample (tub) organic sample (amber glass jar) volatile sample (amber glass vial) bulk bag sample V = hand shear vane (kPa) = pocket penetrometer (kg.cm2) 0 = photoionisation detector (ppm)				ed stable.			Remarks Coordinates and levels design purposes. The u setting out dimensions. Services checked an	, where indicated, n user is responsible f nd C.A.T. cleared	nust not be used for verifying all sit prior to excava	for e and ation.

							TrialPit N	lo
		- 10	JON				TRIAL PIT LOG TP1254	4
							Sheet 1 o	of 2
Project Name:	t	Prin	ces Parade		Project	No.	Co-ords: 618080.00 - 134723.00 Date	74
					2220		2.90 Scale	21
Locatio	on:		Hytne, Ker	זנ			Dimensions (m): 0 1:25 1:25	ockod
Equipn	nent:		13 ton mechanical	excavato	r	1	5.20	leckeu
Water Strike	Samp Depth	les & In S	Situ Testing Results	Depth (m)	n Level (m)	Legend	d Stratum Description	
	1.50 3.20	D,J D,J		0.60 1.20 3.10 3.90	6.62 6.02 4.12 3.32		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. 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. MADE GROUND comprising brown slightly sandy clayey Gravel. Gravels are metical needles. 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. Bag of medical needles. Potential metal boiler / gasket. MADE GROUND comprising slightly gravelly slightly clayey sand. Gravels are fine to coarse angular brick, concrete, flint, plastic and wood. Sands are fine to medium. Bag of medical needles. Potential metal boiler / gasket. MADE GROUND comprising slightly gravelly slightly clayey sand. Gravels are fine to coarse angular brick and concrete. Sands are fine to medium. 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.	1 1 2 4
				4.50 2.72			Grey slightly sandy GRAVEL. Gravels are fine to coarse subrounded to rounded flint. Sands are coarse. [STORM BEACH DEPOSITS]	
D = sm	all disturbed sample	l(tub)		Stabili	ty	1	Remarks	-
J = orga V = vola B = bull HSV = I PP = pc PID = p	anic sample (amber g atile sample (amber g k bag sample hand shear vane (kP ocket penetrometer (k hotoionisation detect	a) (ass jar) (ass vial) (g.cm2) (g.cm2) (or (ppm)		Stability Pit remained stable.			Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site setting out dimensions. Services checked and C.A.T. cleared prior to excavati	or and ion.

											TrialPit	No
		- 10	DOU	Π			T	RIA	_ PIT	LOG	TP12	5A
											Sheet 2	of 2
Project	t	Prin	ces Parade		Project	No.	Co-ords:	618080.0	0 - 134723	.00	Date	9
Name:					2228	1	Level:	7.22			30/03/2	021
Locatio	on:		Hythe, Ken	t			Dimensio	ns (m):		2.90	Scale	e
							 Den	th	09.00		1:25 Logged C) Checked
Equipn	nent:		13 ton mechanical e	excavator	1		5.2	0			NJA	
Water Strike	Samı Depth	ples & In S	Situ Testing Results	Depth (m)	Level (m)	Legend			Stratum	Description		
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					Grey	slightly san	dy GRAVE	L. Gravels are fine to	coarse	-
				5.20	2.02		BEAC	CH DEPOS	ITS]			
									End of P	it at 5.200m		-
												-
												-
												-
												6 _
												-
												-
												-
												-
												-
												-
												-
												7 —
												-
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												-
												-
												-
												8 -
												-
												-
												-
												-
												-
												-
												9 -
												-
												=
												-
												10 -
									Remarke			
D = sma J = orga	e = small disturbed sample (tub) = organic sample (amber glass jar)				ed stable.				coordinates an	d levels, where indicated, n	nust not be used	for
V = vola B = bull	= volatile sample (amber glass jai) = volatile sample (amber glass vial) = bulk bag sample							d s	esign purpose etting out dime	es. The user is responsible f ensions.	or veritying all si	te and
HSV = I PP = pc	hand shear vane (kP ocket penetrometer (Pa) kg.cm2)						s	ervices che	cked and C.A.T. cleared	prior to excave	ation.
PID = p	hotoionisation detec	tor (ppm)										

							TrialPit No	0
		DON				TRIAL PIT LOG TP126		
							Sheet 1 of	f 2
Project Name:	t	Princ	es Parade		Project 2228	No. 1	Co-ords: 618017.00 - 134742.00 Date Level: 7.31 30/03/202*	:1
Locatio	on:		Hythe, Ken	t			Dimensions (m): 3.30 Scale	
Equipr	nent:		13 ton mechanical e	excavator			Depth 0 Logged Che	ecked
e.	Samp	les & In Si	tu Testing	Depth	l evel		5.00	
Wat Strij	Depth	Туре	Results	(m)	(m)	Legend	d Stratum Description	
	0.40	D,J					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		1.10	6.21		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.	1
	3.20	в					Cloth blankets.	3
				3.50	3.81		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. wood timber post (1m long).	4
1	4.40	D,J						
	4.60	В					Potential asbestos containing material.	
				4.90	2.41		Firm greenish grev slightly candy CLAV Sands are fine	-
				5.00	2.31			5 —
D = sma J = orga V = vola B = bull HSV = I PP = pc PID = p	all disturbed sample anic sample (amber g atile sample (amber g k bag sample hand shear vane (kP ocket penetrometer (k hotoionisation detect	(tub) Jass jar) Jass vial) a) kg.cm2) or (ppm)		Stability Pit remain	ed stable.		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site a setting out dimensions. Services checked and C.A.T. cleared prior to excavatio	r and on.

									TrialPit No
			DOU				TRIA	L PIT LOG	TP126
				-					Sheet 2 of 2
Project	t	Prin	ces Parade		Project	No.	Co-ords: 618017	.00 - 134742.00	Date
Name:					2228	1	Level: 7.31		30/03/2021
Locatio	on:		Hythe, Kent	t			Dimensions (m):	3.30	Scale
			40.4				_ Depth	0.60	Logged Checked
Equipn	nent:		13 ton mechanical e	excavator		<u> </u>	5.00		NJA
Water Strike	Samp Depth	oles & In S	Situ Testing Results	Depth (m)	Level (m)	Legend		Stratum Description	
							Firm greenish to coarse. [TID	grey slightly sandy CLAY. Sands AL FLAT DEPOSITS]	are fine
								End of Pit at 5.000m	
									-
									-
									-
									-
									6
									-
								-	
								-	
									-
									7-
									-
									-
									-
									8 —
									-
									=
									-
									-
									-
									-
									9 —
									-
									-
									-
									-
									10 -
D = sm	= small disturbed sample (tub)				1	<u>I</u>	1	I	
J = orga V = volc	= small disturbed sample (tub) = organic sample (amber glass jar) = volatile sample (amber glass vial)				ed stable.			Coordinates and levels, where indicated, r design purposes. The user is responsible	must not be used for for verifying all site and
B = bulk	volatile sample (amber glass vial) bulk bag sample V = band shear vane (kPa)							setting out dimensions.	
PP = pc	ocket penetrometer (I					Services checked and C.A.I. cleared	i prior to excavation.		
р = UIЧ	notoionisation detect								

									TrialP	it No
		DOU				TRIAL PIT LO	G	TP1	27	
									Sheet	1 of 2
Project Name:	t	Princ	ces Parade		Project 2228	No.	Co-ords: 617986.00 - 134705.00 Level: 7.36		Da 30/03/	te /2021
Locatio	on:		Hythe, Ken	t			Dimensions (m):	0	Sca	ale
Equipr	nent:		13 ton mechanical e	excavator			Depth 0.		Logged NJA	25 Checked
Vater Strike	Samp	les & In S	Situ Testing	Depth (m)	Level (m)	Legend	Stratum Description	on		
> 07	Deptin	туре	Results				Dry vegetation over MADE GROUNI) comprising	g soft	-
				1.20	6.16		dark brown slightly sandy gravelly ci medium to coarse angular brick, con plastic and rare wood. Sands are find MADE GROUND comprising soft gre	ay. Gravels crete, flint, r e to medium	are are h.	1
	1.40	D,J					orangish brown slightly gravelly sligh Gravels are medium to coarse angul brick, concrete, flint, plastic, glass, ra cloth. Sands are fine to medium.	tly sandy cl ar to suban are metal an	ay. gular d rare	2
	3.40	D,J		3.10	4.26		MADE GROUND comprising soft to a slightly gravelly sandy clay with a we odour. Gravels are medium to coarse concrete, rare metal, rare glass and are fine to medium.	firm greenis ak hydroca a angular br rare wood. \$	h grey rbon ick, Sands	4
	4.70	D,J		4.50	2.86		MADE GROUND comprising soft to gravelly clay. Gravels are fine to coa rounded flint, brick, wood and rare pl	firm bluish g rse angular astic.	rey very to	
				4.80	2.56		Grey slightly sandy GRAVEL. Gravel subrounded to rounded flint. [STOR]	s are fine to /I BEACH	coarse	
D = sma J = orga V = vola B = bull HSV = I PP = pc PID = p	all disturbed sample (anic sample (amber g atile sample (amber g tile sample (amber g kand shear vane (kPa coket penetrometer (k hotoionisation detect	tub) lass jar) lass vial) a) g.cm2) or (ppm)		Stability Pit remain	ed stable.		Remarks Coordinates and levels, wh design purposes. The user setting out dimensions. Services checked and C	ere indicated, n is responsible f .A.T. cleared	nust not be us or verifying all prior to exca	ed for site and avation.

									TrialPit No
		10	DOU				TRIA	L PIT LOG	TP127
				-					Sheet 2 of 2
Project Name:	t	Princ	es Parade		Project	No. 1	Co-ords: 617986	6.00 - 134705.00	Date
						<u> </u>		3.50	Scale
Locatio	on:		Hytne, Ken	t			Dimensions (m):	80	1:25
Equipn	nent:		13 ton mechanical e	excavator	1	1	Depth 5.50	ō	Logged Checked NJA
Water Strike	Samp Depth	oles & In S Type	itu Testing Results	Depth (m)	Level (m)	Legend		Stratum Description	
	Depth	Results	(m) 5.30 5.50	(m) 2.06 1.86		Grey slightly s subrounded to DEPOSITS] Firm greenish to coarse. [TIE	andy GRAVEL. Gravels are fine prounded flint. [STORM BEACH grey slightly sandy CLAY. Sand DAL FLAT DEPOSITS] End of Pit at 5.500m	s are fine 6 7 8 8 9	
D = smaJ = orgaV = volaB = bulkHSV = IPP = pc	all disturbed sample anic sample (amber g titile sample (amber c bag sample nand shear vane (kP ocket penetrometer (l	(tub) glass jar) glass vial) a) <g.cm2)< td=""><td></td><td>Stability Pit remain</td><td>ed stable.</td><td></td><td></td><td>Remarks Coordinates and levels, where indicate design purposes. The user is responsib setting out dimensions. Services checked and C.A.T. clear</td><td>d, must not be used for le for verifying all site and ed prior to excavation.</td></g.cm2)<>		Stability Pit remain	ed stable.			Remarks Coordinates and levels, where indicate design purposes. The user is responsib setting out dimensions. Services checked and C.A.T. clear	d, must not be used for le for verifying all site and ed prior to excavation.
PID = p	hotoionisation detect								

											TrialPit	No
		10	DOU				T	RIA	L Pľ	T LOG	TP128	8
				_							Sheet 1	of 2
Project	t	Prine	ces Parade		Project	No.	Co-ords:	617939	.00 - 1347	31.00	Date	
					2228	51	Levei:	7.21		2.50	29/03/20 Scale)21
Locatio	on:		Hythe, Kent				Dimensio	ns (m):	45		1:25	
Equipn	nent:						Dep 5.5	th 0	Ö		Logged C SJM	hecked
ater ike	Samp	les & In S	Situ Testing	Depth	Level	Legend			Stratu	n Description		
St &	Depth	Туре	Results	(m)	(m)	Logona						
	1.40 2.90 4.20	D,J D,J		1.60	5.61		MAD sand metal	E GROUI <i>E</i> GROUI <i>i</i> Sands <i>E</i> GROUI <i>i</i> Sands a <i>E</i> GROUI <i>i</i> Gravels <i>i</i> Sands a <i>i</i>	ND comprisional cobt are medium ND comprisional cobt arse angu re coarse are medium ND comprisional cobt arse angu re coarse are medium ND comprisional cobt arse angu re coarse are medium ND comprisional cobt arse angu re coarse are medium ND comprisional cobt arse angu re coarse are medium	sing dark brown gravell bles and 20% plastic balar concrete, metal, brick glar concrete, metal, brick glar concrete, metal, brick, gla h. diameter). sing greenish grey to day with a strong or predium subangular ware medium.	ROUND ay with and y sandy gs. k and avelly ss and avelly ss and	
				4.80	2.41		Firm	greenish se subang	grey slight jular shells	ly gravelly CLAY. Grave . [TIDAL FLAT DEPOS	els are ITS]	
D = sm	l all disturhed sample (tub)		Stability	,	1	1		Remark	s		I
J = orga V = vola B = bulk HSV = h PP = pc PID = p	anic sample (amber g title sample (amber g k bag sample aand shear vane (kPa ocket penetrometer (k hotoionisation detecto	lass jar) lass vial) a) g.cm2) pr (ppm)		Stability Minor side wall collapses.					Coordinates design purpo setting out d Services cl	and levels, where indicated, r ses. The user is responsible f imensions. necked and C.A.T. cleared	nust not be used for verifying all site	for e and tion.
										TrialPit No		
--	---	---	-------------------------	-------------------------	-----------------	----------	--------------------------------	--	--	---		
			DOU	Π			TRIA	L PIT L	OG	TP128		
										Sheet 2 of 2		
Project Name:	t	Prine	ces Parade		Project 2228	No. 1	Co-ords: 617939 Level: 7.21	0.00 - 134731.00		Date 29/03/2021		
Locatio	on:		Hythe, Ken	t			Dimensions (m):	·	2.50	Scale		
							 Denth).45		1:25 Logged Checked		
Equipn	nent:			1	1		5.50			SJM		
Water Strike	Samp Depth	les & In S Type	Situ Testing Results	Depth (m)	Level (m)	Legend		Stratum Descr	iption			
				5.50	1.71		Firm greenish coarse subang	grey slightly gravel jular shells. [TIDAL End of Pit at 5.	IV CLAY. Grave FLAT DEPOSI	Is are TS] 6 7 7 9		
D = sma J = orga V = vola B = bulk HSV = h PP = pc PID = p	all disturbed sample (anic sample (amber g titile sample (amber g s bag sample and shear vane (kPa cket penetrometer (k hotoionisation detecte	tub) lass jar) lass vial) a) g.cm2) pr (ppm)		Stability Minor side	wall colla	pses.		Remarks Coordinates and levels design purposes. The setting out dimensions Services checked an	, where indicated, n user is responsible f nd C.A.T. cleared	nust not be used for or verifying all site and prior to excavation.		

											TrialPit No
		10	DOU				T	RIA	L PI	T LOG	TP129
				-							Sheet 1 of 2
Projec Name:	t :	Princ	es Parade		Project 2228	: No. 31	Co-ords: Level:	617922.0 7.95	0 - 13468	32.00	Date 29/03/2021
Locatio	on:		Hythe, Kent				Dimensior	ns (m):		2.50	Scale
Equipr	ment:						 Dep 5.3(th 0	0.45		Logged Checked SJM
iter ike	Samp	les & In S	itu Testing	Depth	Level	Logond		-	Stratur	n Decorintion	
Stri	Depth	Туре	Results	(m)	(m)	Legena			Stratur	n Description	
	1.20	D,J		1.00	6.95		MADI clay v plastic <i>Ser</i>	E GROUN with occasi c bags. Gr rete, metal vera concrete	D comprise D comprise onal cobb avels are brick and boulders.	les overlying MADE Gf avelly slightly sandy cla ar brick and plastic. Sa	ROUND ay. inds are y sandy 20% rse. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
				3.20	4.75		MADI slight odou Sand	E GROUN ly gravelly r. Gravels a s are medi	D compris very sanc are fine to um.	sing greenish grey to da ly clay with a strong or medium subangular fli	ark grey ganic int.
D = em	4.40	D,J		4.30 Stability	3.65		Off-w round	hite slighti led flint. [S	y clayey (TORM BE	GRAVEL. Gravels are n EACH DEPOSITS]	nedium
J = orga V = vola B = bull HSV = PP = po PID = p	anic sample (amber g atile sample (amber g k bag sample hand shear vane (kP bocket penetrometer (k hhotoionisation detect	glass jar) glass vial) a) kg.cm2) or (ppm)		Minor side	e wall colla	pses.			Coordinates design purpo setting out di Services ch	and levels, where indicated, n ses. The user is responsible f mensions. recked and C.A.T. cleared	nust not be used for for verifying all site and prior to excavation.

										TrialPit I	No
		10	DOU	Π			TRIA	L PIT L	OG	TP129	Ð
				_						Sheet 2 of	of 2
Project Name:		Prine	ces Parade		Project 2228	No.	Co-ords: 617922 Level: 7.95	2.00 - 134682.00		Date 29/03/20	21
Locatio	n.		Hythe Ken	t			Dimensions (m):		2.50	Scale	
							Denth	.45		1:25	hecked
Equipm	ient:						5.30	0		SJM	neokeu
Vater strike	Samp	les & In S	Situ Testing	Depth	Level (m)	Legend		Stratum Desc	ription		
> 00	Depth	туре	Results	(,	(,	** <u>***</u> , *	Off-white sligh	itly clayey GRAVE	L. Gravels are m	nedium	_
							rounded flint.	STORM BEACH [DEPOSITS]		-
				5.30	2.65	<u>بَ ثَبْ جُبْ الْمِعَ</u>		End of Pit at 5	.300m		
											-
											6 _
											-
											-
											-
											-
											-
											7
											' -
											-
											-
											-
											-
											8 —
											-
											-
											9 —
											-
<u> </u>				Stability				Remarke			10 -
D = sma J = orga	II disturbed sample (nic sample (amber g	tub) lass jar)		Minor side	e wall colla	pses.		Coordinates and level	ls, where indicated, n	nust not be used f	for
V = vola B = bulk	ule sample (amber g bag sample	iass vial)						setting out dimension	S.	. ,	- anu
	cket penetrometer (kPa cket penetrometer (k	a) (g.cm2)						Services checked a	and C.A.T. cleared	prior to excavat	tion.
r i∪ ≓ pr	IOTOIONISALION DELECT	or (hhiii)									

								TrialPit No
			DON	Π			TRIAL PIT LOG	TP130
								Sheet 1 of 2
Project	t	Prince	es Parade		Project	No.	Co-ords: 617833.00 - 134702.00	Date
iname.					2228	31	Level: 6.79 2.50	29/03/2021 Scale
Locatio	on:		Hythe, Ker	nt			Dimensions (m):	1:25
Equipr	ment:			_			Depth o 5.50	Logged Checked SJM
ater rike	Sam	oles & In Sit	u Testing	Depth	Level	Legend	Stratum Description	
S S	Depth	Туре	Results	(m)	(m)			aravelly
	0.30	D,J		0.60	6.19		very sandy clay with 20% plastic. Gravels are angular plastic, brick, glass and concrete. San coarse. MADE GROUND comprising dark brown very very sandy clay with 20% plastic. Gravels are	gravelly
	1.50	D,J					angular plastic, brick, glass and concrete. San coarse.	ds are
				1.90	4.89			2
	3.80 4.10	D,J D,J		3.50 3.50 4.00	3.29 3.29 2.79		MADE GROUND comprising greenish brown v gravelly sandy clay with occasional cobbles. G coarse angular concrete, brick, plastic and gla Cobbles are angular concrete. Sands are coar MADE GROUND comprising dark brown very very sandy clay with 20% plastic. Gravels are angular plastic, brick, glass and concrete. San coarse. MADE GROUND comprising greenish grey sli gravelly very sandy clay with a strong organic Gravels are fine to medium subangular wood, glass. Sands are medium. Tyre identified. MADE GROUND comprising black to dark greg gravelly very sandy clay with a strong hydroca odour and occasional black staining. Gravels are medium subangular wood, metal, paper and g Sands are medium. Abundant barbed wire.	/ery bravels are ss. gravelly medium ds are ghtly odour. paper and y slightly rbon are lass.
				5.00	1.79		8	5
D = sma $J = orga$ $V = vola$ $B = bull$ $HSV = I$ $PP = pc$ $PID = p$	all disturbed sample anic sample (amber atile sample (amber k bag sample hand shear vane (kF ocket penetrometer (vhotoionisation detec	(tub) glass jar) glass vial) Pa) kg.cm2) tor (ppm)		Stability Minor side	e wall colla	pses.	Remarks Coordinates and levels, where indicated design purposes. The user is responsibl setting out dimensions. Services checked and C.A.T. cleare	, must not be used for e for verifying all site and ed prior to excavation.

										TrialPit No	
			DOU				TRIA	L PIT L	OG	TP130	
										Sheet 2 of 2	
Project Name:	t	Prine	ces Parade		Project 2228	No. 1	Co-ords: 617833 Level: 6.79	8.00 - 134702.00		Date 29/03/2021	
Locatio	on:		Hythe, Ken	t			Dimensions (m):		2.50	Scale	
							 Depth	0.45		1:25 Logged Check	ked
Equipn	nent:			1	1	1	5.50			SJM	
Water Strike	Samp Depth	les & In S Type	Situ Testing Results	Depth (m)	Level (m)	Legend		Stratum Desc	cription		
				5.50	1.29		Firm greenish coarse subang	grey slightly sand jular shells. [TIDA End of Pit at 5	y CLAY. Sands a L FLAT DEPOSI	are ITS] 6 7 8 9	
										10	- - - - -
D = sma J = orga V = vola B = bulk HSV = h PP = po PID = pl	all disturbed sample (anic sample (amber g titile sample (amber g k bag sample and shear vane (kPa ocket penetrometer (k hotoionisation detect	lass jar) lass vial) a) g.cm2) or (ppm)		Stability Minor side	wall collar	oses.		Remarks Coordinates and leve design purposes. The setting out dimension Services checked	els, where indicated, n e user is responsible f is. and C.A.T. cleared	nust not be used for or verifying all site and prior to excavation.	

							TrialPit N	No
		10	DON	Π			TRIAL PIT LOG TP131	
							Sheet 1 c	of 1
Project Name:	t	Princ	es Parade		Project 2228	No. 1	Co-ords: 617825.00 - 134667.00 Date Level: 7.40 06/04/202	21
Locatio	on:		Hythe, Kei	nt			Dimensions (m): 2.50 Scale	
Equipm	nent:						Depth 0 Logged Ch	necked
iter ike	Sam	oles & In S	itu Testing	Depth	Level	Logond	Stratum Description	
Wa Str	Depth	Туре	Results	(m)	(m)	Legenu		
				0.10	7.30		MADE GROUND comprising dark brown gravelly sandy clay. Gravels are medium subangular flint and brick. Sands are coarse.	-
	0.30	D,J		0.40	7.00		Gravels are coarse angular tarmac, brick, metal and	-
				0.40	7.00		MADE GROUND comprising dark brown gravelly sandy clay. Gravels are coarse angular brick, flint, metal,	-
							concrete and plastic. Sands are coarse.	-
								-
							8	_
								-
								-
							8	-
	1.50	D,J						_
								-
								-
							Angular concrete boulders.	-
								2
								-
								-
								-
								-
								-
								- - 3
							Metal pole (2 m long).	
								-
							8	-
								-
								-
							8	-
								4 —
				4.10	3.30		End of Pit at 4.100m	-
								-
								-
								-
								-
								-
								5 —
D = sma	I disturbed sample	(tub)		Stability	1		Remarks	
J = orga V = vola	anic sample (amber) atile sample (amber)	glass jar) glass vial)		Multiple la	rge wall co	llapses fror	Im 1.9 to 4.0 m bgl. Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site setting out dimensions.	or and
	vag sample hand shear vane (kP ocket penetrometer /	a) kg.cm2)					Services checked and C.A.T. cleared prior to excavat	ion.
PID = pl	hotoionisation detec	tor (ppm)						

											TrialPit	No
			DON	Π			T	RIAL	. PIT	LOG	TP13	2
											Sheet 1	of 1
Project Name:	t	Prince	es Parade		Project	t No.	Co-ords:	617871.00) - 134684.	00	Date	e 001
					2228	51		7.51		3.60	08/04/2 Scale	021 e
Locatio	on:		Hythe, Ken	it			Dimensior	ns (m):	.09		1:25	bockod
Equipn	nent:		Mechanical backhoe	excavator		1	2.00	th O	0		NJA	neckeu
/ater trike	Sam	iples & In Sit	tu Testing	Depth	Level	Legend			Stratum [Description		
≤ ú	Depth	Туре	Results	(11)	(11)		MADI		comprisin	n dark brown slightly	gravelly	
	0.80	D,J		0.70 0.90 1.80	6.81 6.61 5.71		MADI slight brick, MADI grave MADI sandy brick, Sand An brown comn cloth. concr	E GROUND elly sandy clay concrete ar E GROUND y gravelly clay. Gra E GROUND y gravelly cla concrete, cl s are fine. gular cobbles of E GROUND nish orange non plastic, of Gravels are rete.	comprising v. Gravels ad flint. Sar comprising vels are fir comprising ay. Gravels linker, flint, fbrick and con slightly gra occasional a fine to cos	g soft dark brown ve e to coarse rounded g soft dark brown ve e to coarse rounded g soft dark brown sli are fine to coarse a rare plastic and glas crete.	ry if flint. ghtly ngular ss. to h etal and nd	1
	3.10	D,J		2.70	4.81		MADI slight Grave wood MADI grave wood mediu	E GROUND ly sandy cla els are fine t . Sands are E GROUND elly slightly cl , rare glass, um.	comprising y with a mo o coarse a fine. comprising layey sand metal and	g dark grey slightly g oderate organic odou ngular brick, concret g greenish grey sligh . Gravels are coarse cloth. Sands are fin	gravelly ur. te and htty e angular e to	3
D = sma J = orga J = orga B = bulk	all disturbed sample anic sample (amber stile sample (amber s bag sample	e (tub) glass jar) r glass vial)		4.00 Stability Pit walls co	3.51			R Cc de se	End of Pit	at 4.000m	nust not be used	4
B = bulk HSV = t PP = pc PID = p	k bag sample nand shear vane (k ocket penetrometer hotoionisation dete	Pa) (kg.cm2) ctor (ppm)						se	etting out dime	nsions. ked and C.A.T. cleared	prior to excave	ation.

		I		om				Windowless Sample Log	Borehole N WS101 Sheet 1 of	lo. 1
Proje	ct Nam	e: Princ	es Parade	9	Project No. 22281		Co-ords:	618712E - 134852N	Scale 1:25	
Locat	ion:	Hyth	e, Kent				Level (m)	r: 7.37	Logged By SJM	у
Equip	ment:	Wind	lowless Sa	ampler Terrier Rig			Dates:	15/04/2021	Checked B	By
Well	Wtr	Samp	le and In	Situ Testing	Depth (m)	Level	Legend	Stratum Description		
			туре	SPT(C) = Standard Pen	0.50 0.90 1.10 2.80 2.90 3.00 3.20 4.00	6.87 6.47 6.27 4.57 4.47 4.37 4.17 3.37		Grass overlying MADE GROUND com brown gravelly slightly sandy clay. Gra medium subangular to subrounded flir concrete. Sands are coarse. MADE GROUND comprising orangish black sandy clayey gravel. Gravels are angular charcoal, glass, brick and con coarse. MADE GROUND comprising pale grey gravel. Gravels are medium subangula flint. Sands are coarse. MADE GROUND comprising soft oran gravelly sandy clay. Gravels are mediu to subrounded plastic, glass, wood and Sands are coarse. BRICK. CONCRETE. MADE GROUND comprising dark grey sand. Gravels are medium angular con Sands are coarse. Brown sandy GRAVEL. Gravels are su medium flint. Sands are coarse. [STOI DEPOSITS] End of Borehole at 4.00m	prising soft vels are t and rare brown mottled a medium crete. Sands are y sandy clayey ar concrete and gish brown im subangular d rare charcoal. y very gravelly hcrete and brick. bbrounded RM BEACH	
D = sm J = orga V = vol B = bul	all distur anic samı atile sam k bag sar	bed sample (tub) ole (amber glass j ple (amber glass nple	ar) vial)	SPT(S) = Standard Pen HSV = hand shear van PP = pocket penetrom PID = photoionisation	etration Test (Split e (kPa) heter (kg.cm2) detector (ppm)	t Spoon)	Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.	

								Windowloco	Borehole N	0.
				OM				Sample Log	WS102	
								Sample Log	Sheet 1 of	1
Proje	ct Nam	e: Princ	es Parade	e 2	Project No. 22281		Co-ords:	618561E - 134820N	Scale 1:25	
Locat	on:	Hythe	e, Kent				Level (m)	: 7.65	Logged By SJM	ý
Equip	ment:	Wind	owless Sa	ampler Terrier Rig			Dates:	15/04/2021	Checked B	by .
Well	Wtr	Samp	le and In	Situ Testing	Depth	Level	Legend	Stratum Description	I	
			Type					Dry vegetation overlying MADE GROL soft brown slightly gravelly slightly san are medium subrounded flint and brick coarse.	JND comprising dy clay. Gravels Sands are	
					1.20	6.45		MADE GROUND comprising black gra	ivelly sand.	
					1.40	6.25		Coarse. MADE GROUND comprising pale brow clay. Sands are coarse.	vn very sandy	
					1.90	5.75		MADE GROUND comprising soft oran gravelly sandy clay. Gravels are mediu to subrounded plastic, glass, wood and Sands are coarse.	gish brown ım subangular d rare charcoal.	2
					3.30	4.35		Brown GRAVEL. Gravels are subround flint. [STORM BEACH DEPOSITS]	ded medium	
					4.00	3.65		End of Borehole at 4.00m		4
D = sma J = orga V = vola B = bul	all distur nic sam atile sam < bag sar	bed sample (tub) ple (amber glass j ple (amber glass nple	ar) vial)	SPT(C) = Standard Pene SPT(S) = Standard Pene HSV = hand shear vane PP = pocket penetrome PID = photoionisation d	tration Test (Con- tration Test (Split (kPa) ter (kg.cm2) etector (ppm)	e) Spoon)	Remarks Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.	

			D	om				Windowless Sample Log	Borehole N WS103	lo. 1
Projec	t Nam	e: Princ	es Parade	e F	Project No.		Co-ords:	618525E - 134821N	Scale	
Locati	on:	Hyth	e, Kent	 £	2201		Level (m)	r: 7.07	Logged By	у
Equipr	nent:	Wind	lowless Sa	ampler Terrier Rig			Dates:	14/04/2021	Checked B	Зу
Well	Wtr	Samp	le and In	Situ Testing	Depth	Level	Legend	Stratum Descriptior	ן ו	
		Depth (m)	Туре	SPT(C) = Standard Penet	(III) 0.60 3.40 4.00	e)		MADE GROUND comprising soft grey slightly gravelly slightly sandy clay. Gr coarse angular to subangular brick, co and flint. Sands are coarse. MADE GROUND comprising brown gr Gravels are fine to coarse angular to such arcoal, brick, concrete and flint. Sands are coarse angular to such arcoal, brick, concrete and flint. Sands are fine to coarse angular to such arcoal, brick, concrete and flint. Sands are fine to coarse angular to such arcoal, brick, concrete and flint. Sands are fine to coarse or ange. Becomes orange. Angular coarse ceramic fragments. Angular coarse brick and mortar. Angular coarse slate. Becomes orange with occasional paper. Common metal. Becomes clayey with medium to coarse angular chart Brown very slightly sandy GRAVEL. G to coarse rounded flint. Sands are fine [STORM BEACH DEPOSITS] Becomes sandy. End of Borehole at 4.00m	ish brown avels are fine to morete, clinker avelly sand. subangular ids are fine. rcoal. aravels are fine ≥ to coarse.	
D = sma J = orga V = vola B = bulk	all distur nic sam atile sam c bag sar	bed sample (tub) ble (amber glass j ple (amber glass nple	ar) vial)	SPT (C) = Standard Penet SPT(S) = Standard Penet HSV = hand shear vane (PP = pocket penetromet PID = photoionisation de	ration Test (Con ration Test (Split kPa) er (kg.cm2) etector (ppm)	<i>∈)</i> Spoon)	Coordinates The designe Services ch	and levels, where indicated, must not be used r is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	ofor design purposes.	

		D	om				Windowless Sample Log	Borehole No. WS104 Sheet 1 of 1	
Project Name:	Prince	es Parade		Project No. 22281		Co-ords:	618501E - 134812N	Scale 1:25	
Location:	Hythe	, Kent				Level (m)	: 7.72	Logged By NJA	
Equipment:	Windo	owless Sa	mpler Terrier Rig			Dates:	14/04/2021	Checked By	
Well Wtr Strk	Sampl	e and In S	Situ Testing	Depth (m)	Level (m)	Legend	Stratum Description		
D = small disturbed	sample (tub)		SPT(C) = Standard Per	0.90 1.00 1.50 1.65 2.00 2.20 2.80 3.00 3.30 4.00	e)	Remarks	MADE GROUND comprising soft greyi slightly gravelly slightly sandy clay. Gra coarse angular brick, concrete and flin coarse. Abundant fine to coarse angular tarmac fragments. MADE GROUND comprising brown to sand. Gravels are fine to coarse angula bituminous surfacing. Sands are mediu MADE GROUND comprising greenish sand. Gravels are fine to medium angu subrounded brick, concrete and flint. S coarse. MADE GROUND comprising dark grey sandy gravel with a strong hydrocarbo Gravels are fine to coarse angular flint Sands are medium to coarse. MADE GROUND comprising soft grey sandy gravelly sandy clay. Gravels are concrete and glass. Sands are fine. MADE GROUND comprising soft oran- slightly gravelly sandy clay. Gravels are angular concrete and glass. Sands are MADE GROUND comprising soft oran- slightly gravelly sandy clay. Gravels are angular concrete and glass. Sands are MADE GROUND comprising dark grey Gravels are fine to coarse. MADE GROUND comprising dark grey Gravels are fine to coarse rounded flin plastic. Brown very slightly sandy GRAVEL. Gr to coarse rounded flint. Sands are fine [STORM BEACH GRAVELS] End of Borehole at 4.00m	sh brown avels are fine to avels are fine to avels are fine to and sare fine to and sare fine to and sare fine to and ceramic. ge to brown e fine to coarse slightly gravelly angular nds are fine. ge to brown e fine to coarse fine. wn slightly ular brick. r clayey gravel. t and rare fine to coarse.	1 2 3
J = organic sample (V = volatile sample B = bulk bag sample	amber glass ja amber glass v	ir) ial)	SPT(S) = Standard Per HSV = hand shear van PP = pocket penetrom PID = photoionisation	netration Test (Split ne (kPa) neter (kg.cm2) n detector (ppm)	Spoon)	Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.	

								Windowless	Borehole No.
			D					Sample Log	WS105
					Project No.			Campie Log	Sheet 1 of 1
Proje	ct Nam	ne: Princ	es Parade	e	22281		Co-ords:	618481E - 134817N	1:25
Locat	ion:	Hythe	e, Kent				Level (m)	: 6.78	Logged By NJA
Equip	ment:	Wind	lowless Sa	ampler Terrier Rig			Dates:	14/04/2021	Checked By
Wall	Wtr	Samp	le and In	Situ Testing	Depth	Level	Logond	Stratum Description	
Weil	Strk	Depth (m)	Туре	Results	(m)	(m)	Legenu	MADE GROUND comprising orangish	brown gravelly
					0.15	6.63		sand. Gravels are fine to coarse angul bituminous surfacing, concrete and flin fine to coarse. MADE GROUND comprising soft brow slightly gravelly slightly sand clay. Grav medium angular brick, clinker and flint.	ar to subangular t. Sands are nish grey rels are fine to Sands are fine.
					0.65	6.13		MADE GROUND comprising brown to sand. Gravels are fine to coarse angul glass and plastic. Sands are coarse.	orange gravelly ar slate, clinker,
					1.00	5.78		MADE GROUND comprising brown gra Gravels are fine to coarse angular to s	avelly sand.
					1.20	5.58		brick, flint and plastic. Sands are fine to MADE GROUND comprising brownish brownish orange slightly sandy slightly Gravels are fine to coarse angular bric Sands are fine to medium.	o coarse. grey and gravelly clay. k and mortar.
					1.70	5.08		MADE GROUND comprising pale brow	vn slightly
					1.90	4.88		gravelly clayey sand. Gravels are fine angular brick. Sands are fine to coarse MADE GROUND comprising dark brov	to medium e. vn mottled
					2.10	4.68		Coarse angular charcoal and concrete. to coarse. MADE GROUND comprising soft grey clay. Gravels are fine to coarse angula flint. Sands are coarse.	Sands are fine gravelly sand r concrete and
					2.50	4.28		MADE GROUND comprising soft dark gravelly clay. Gravels are fine to coarse bituminous surfacing and charcoal.	grey very e angular slate,
					2.85	3.93		MADE GROUND comprising soft yello	wish brown
					3.00	3.78		MADE GROUND comprising soft brow slightly sandy clay. Gravels are fine to concrete, brick and plastic. Sands are	n gravelly coarse angular fine.
					3.30	3.48		MADE GROUND comprising soft dark gravelly sandy clay. Gravels are fine to angular flint and plastic. Sands are fine	grey slightly medium e to coarse. 4
					4.15	2.63		Brown slightly sandy GRAVEL. Gravel- coarse rounded flint. Sands are fine to [STORM BEACH DEPOSITS]	s are fine to coarse.
					4.75	2.03		Soft grey slightly sandy CLAY. Sands a coarse. [TIDAL FLAT DEPOSITS]	are medium to
					5.00	1.78		End of Borehole at 5.00m	5
D = sm J = orga V = vol: B = bul	all distu anic sam atile san k bag sa	rbed sample (tub) ple (amber glass j pple (amber glass mple	ar) vial)	SPT(C) = Standard Pene SPT(S) = Standard Pene HSV = hand shear vane PP = pocket penetrome PID = photoionisation c	etration Test (Con etration Test (Split (KPa) eter (kg.cm2) detector (ppm)	e) Spoon)	Remarks Coordinates The designe Services ch	and levels, where indicated, must not be used or is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.

			D	om				Windowless Sample Log	Borehole No. WS106 Sheet 1 of 1
Project	Name:	Princ	ces Parade)	Project No. 22281		Co-ords:	618463E - 134814N	Scale 1 [.] 25
Locatio	n:	Hyth	e, Kent				Level (m)	: 6.81	Logged By
Equipmo	ent:	Wind	lowless Sa	ampler Terrier Rig			Dates:	14/04/2021	Checked By
Well	Wtr	Samp	le and In	Situ Testing	Depth	Level	Legend	Stratum Description	
	Strk [epth (m)	Туре	Results	(m)	(m)		MADE GROUND comprising soft grey	ish brown
					1.25 1.40 1.85 2.00	5.56 5.41 4.96 4.81		MADE GROUND comprising brownish slightly gravelly slightly sandy clay. Gra- flint. Sands are fine. <u>Some glass fragments</u> MADE GROUND comprising brownish slightly gravelly slightly clayey sand. G to coarse angular concrete and glass. to coarse. MADE GROUND comprising very dark- slightly clayey sand. Gravels are fine to angular brick, charcoal and concrete. S to coarse. MADE GROUND comprising brown gr Gravels are fine to coarse angular flint Sands are fine to coarse. MADE GROUND comprising soft dark gravelly slightly sandy clay. Gravels ar angular concrete and ceramic. Sands in	1 orange very ravels are fine Sands are fine Sands are fine coarse Sands are fine avelly sand. and concrete. brown slightly e fine to coarse are fine.
					3.00	3.81		MADE GROUND comprising soft brow	n gravelly clay. 3
					3.20	3.61		MADE GROUND comprising dark grey	/ very slightly
					3.35	3.46		Sandy gravel. Gravels are fine to coars Sands are fine. Greenish grey very slightly gravelly slig CLAY. Gravels are fine to medium rour are fine. [STORM BEACH DEPOSITS]	a angular slate. ghtly sandy nded flint. Sands
					4.10	2.71		Dark grey slightly sandy GRAVEL with	a strong
					4.20	2.61		nydrocarbon odour. Gravels are fine to rounded flint. Sands are fine to mediur BEACH DEPOSITSI	n. [STORM
					4.40 4.50	2.41 2.31		Brown very slightly sandy GRAVEL. G to coarse rounded flint. Sand are fine t [STORM BEACH DEPOSITS] Brown clayey GRAVEL. Gravels are fin rounded flint. [STORM BEACH DEPOS Grey very slightly sandy GRAVEL. Gra coarse rounded flint. Sands are fine to [STORM BEACH DEPOSITS]	ravels are fine o coarse. le to coarse SITS] vvels are fine to coarse.
					5.00	1.81		End of Borehole at 5.00m	5
D = small J = organi V = volatil B = bulk b	disturbe c sample le sample bag samp	d sample (tub) (amber glass j (amber glass le	jar) vial)	SPT(C) = Standard Per SPT(S) = Standard Per HSV = hand shear var PP = pocket penetron PID = photoionisation	netration Test (Cone netration Test (Split ne (kPa) neter (kg.cm2) n detector (ppm)	e) Spoon)	Remarks Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.

			D	om				Windowless Sample Log	Borehole No. WS107 Sheet 1 of 1	
Proje	ct Name	e: Princ	es Parade	Pr 22	oject No.		Co-ords:	618455E - 134797N	Scale	
Locat	ion:	Hythe	e, Kent				Level (m)	: 7.51	Logged By	
Equip	ment:	Wind	lowless Sa	mpler Terrier Rig			Dates:	14/04/2021	Checked By	,
Well	Wtr	Samp	le and In S	Situ Testing	Depth	Level	Legend	Stratum Description		
		Depth (m)	Туре	Results				MADE GROUND comprising soft dark slightly sandy clay. Gravels are fine to brick, concrete, clinker, ceramic and fli fine to medium.	brown gravelly coarse angular nt. Sands are	
					0.70	6.81		MADE GROUND comprising soft brow Sands are fine to medium.	/n sandy clay.	- - - - - - - - - - - - - - -
					1.20	6.31	MADE GROUND comprising dark bro sand. Gravels are fine to coarse angul concrete, ceramic and fint. Sands are		wn gravelly ar to subangular fine to medium.	
					1.50	6.01		MADE GROUND comprising greyish to brownish orange gravelly slightly claye are fine to coarse angular brick, concre wood. Sads are fine to coarse.	prown to ay sand. Gravels ete, flint and	2
					2.60	4.91		MADE GROUND comprising very darl sand. Gravels are fine to coarse angul flint, slate, clinker, charcoal and glass. to coarse.	c grey gravelly ar to subangular Sands are fine	3 —
					3.30	4.21		Grey clayey GRAVEL. Gravels are fine rounded flint. [STORM BEACH DEPO	e to coarse SITS]	-
					4.00	3.51		End of Borehole at 4.00m		4
							Domente			5 —
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial)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)Rem Coord The d Service								and levels, where indicated, must not be used er is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.	

				om	m			Windowless Sample Log	Borehole No. WS108 Sheet 1 of 1	
Projec	t Name	Princ	es Parade	P	roject No. 2281		Co-ords:	618429E - 134808N	Scale	
Locatio	on:	Hyth	e, Kent				Level (m)	: 7.11	Logged By	y
Equipn	nent:	Wind	lowless Sa	mpler Terrier Rig			Dates:	14/04/2021	Checked B	By
Well	Wtr Strk	Samp	le and In S	Situ Testing	Depth (m)	Level (m)	Legend	Stratum Description		
D = sma	Ill disturbe	ed sample (tub)	Type	SPT(C) = Standard Penetr	1.60 2.50 3.50 3.60 4.00	5.51 4.61 3.61 3.51 3.11	Remarks Copyrights	MADE GROUND comprising soft dark slightly gravelly sandy clay. Gravels ar medium angular brick and flint. Sands MADE GROUND comprising soft brow gravelly sand clay. Gravels are fine to brick and flint. Sands are fine to mediu <i>Angular coarse ceramic fragments.</i> <i>Angular cobbles of concrete.</i> MADE GROUND comprising soft brow slightly gravelly very sandy clay. Grave medium angular concrete. Sands are n <i>Becomes greenish grey.</i> MADE GROUND comprising soft very gravelly clay. Gravels are fine to coars subrounded brick and flint. Grey clayey GRAVEL. Gravels are fine rounded flint. [STORM BEACH DEPO: End of Borehole at 4.00m	brown very e fine to are fine.	
J = orgai V = vola B = bulk	nic sampl tile samp bag sam	e (amber glass j e (amber glass ble	iar) vial)	SPT(S) = Standard Penetr HSV = hand shear vane (k PP = pocket penetromete PID = photoionisation de	ation Test (Split kPa) er (kg.cm2) tector (ppm)	Spoon)	Coordinates The designe Services ch	and levels, where indicated, must not be used r is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.	

	I		om				Windowless Sample Log	Borehole No. WS109 Sheet 1 of 1		
Project Na	me: Princ	ces Parade	•	Project No. 22281		Co-ords:	618394E - 134785N	Scale		
Location:	Hyth	e, Kent				Level (m)	: 7.45	Logged By S.IM	/	
Equipment:	: Wind	dowless Sa	mpler Terrier Rig			Dates:	13/04/2021	Checked B	у	
Well Wtr	Samp	ble and In	Situ Testing	Depth	Level	Legend	Stratum Description	1		
Juk	Depth (m)	Туре	Results	1.00	0.45		Dry vegetation overlying MADE GROU soft dark brown gravelly slightly sandy are medium subangular to subrounded chalk. Sands are coarse.	JND comprising clay. Gravels d brick, flint and		
				1.00	6.45		MADE GROUND comprising brown cla Gravels are medium subangular concr MADE GROUND comprising soft oran gravelly sandy clay. Gravels are mediu to subrounded plastic, glass, wood and Sands are coarse.	ayey gravel. ete and brick. gish brown un subangular d rare charcoal.	1	
				1.90	5.55		MADE GROUND comprising soft brow sandy clay. Gravels are coarse angula and glass. Sands are coarse.	/n very gravelly r brick, concrete	2	
				3.20	4.25		Pale brown sandy GRAVEL. Gravels a subrounded flint. Sands are coarse. [S DEPOSITS]	are medium STORM BEACH		
				4.00	3.45		End of Borehole at 4.00m		4	
D = small distr J = organic sar V = volatile sa B = bulk bag s	urbed sample (tub) mple (amber glass imple (amber glass sample	D = small disturbed sample (tub) SPT(C) = Standard Penetration Test (Cone) Remarks D = small disturbed sample (amber glass jar) SPT(S) = Standard Penetration Test (Split Spoon) Coordinates and levels, where indicated, must not be used for design purposes. V = volatile sample (amber glass vial) PV = pocket penetrometer (kg.cm2) PP = pocket penetrometer (kg.cm2) Services checked and C.A.T. cleared prior to drilling.								

IC			D	om				Windowless Sample Log	Borehole N WS110	1
Projec	ct Nam	ne: Princ	es Parade	P	roject No.		Co-ords:	618380E - 134800N	Scale	1
Locati	ion:	Hythe	e, Kent	2.	2201		Level (m)	: 7.40	Logged By	у
Equip	ment:	Wind	owless Sa	mpler Terrier Rig			Dates:	13/04/2021	Checked B	By
	Wtr	Samp	le and In S	Situ Testing	Depth	Level				
vveii	Strk	Depth (m)	Туре	Results	(m)	(m)		Stratum Description		
								soft brown gravelly sandy clay. Grave angular flint, brick and ceramics. Sand	is are medium is are coarse.	
					1.10	6.30		MADE GROUND comprising soft brow sandy clay. Gravels are coarse angula and metal. Sands are coarse.	vn gravelly ar brick, tarmac	1
					1.90	5.50		MADE GROUND comprising orangish gravelly slightly clayey sand. Gravels subangular brick and plastic. Sands a	i brown slightly are fine re coarse.	2
					2.40	5.00		MADE GROUND comprising greenish sand. Gravels are coarse subangular charcoal. Sands are coarse.	brown gravelly brick and	-
					2.70	4.70		MADE GROUND comprising dark bro gravel. Gravels are medium angular c charcoal. Sands are coarse.	wn sandy eramics and	3 -
					3.50	3.90		MADE GROUND comprising yellow g Gravels are coarse angular concrete a are coarse.	ravelly sand. and brick. Sands	
					3.90	3.50		MADE GROUND comprising dark bro gravel. Gravels are medium angular c charcoal. Sands are coarse.	wn sandy eramics and	4 -
					4.30	3.10		Brown sandy clayey GRAVEL. Gravel subrounded flint. Sands are coarse. [S DEPOSITS]	s are medium STORM BEACH	
					5.00	2.40		End of Borehole at 5.00m		5 -
D = sma J = orga V = vola B = bull	all distu inic sam atile san k bag sa	rbed sample (tub) pple (amber glass j: nple (amber glass v mple	ar) vial)	SPT(C) = Standard Penetr SPT(S) = Standard Penetr HSV = hand shear vane (I PP = pocket penetromete PID = photoionisation de	ration Test (Cone ation Test (Split KPa) er (kg.cm2) tector (ppm)	e) Spoon)	Remarks Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting acked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.	

		D	om				Windowless Sample Log	Borehole No. WS111 Shoot 1 of 1	
Project Nar	me: Princ	es Parade	Pi	oject No.		Co-ords:	618353E - 134785N	Sheet 1 of Scale	1
		- Kont	22	281			. 6 20	1:25 Logged By	ý
Location:	пуше	e, Kent				Level (m)	. 0.20	SJM Checked B	lv.
Equipment:	Wind	owless Sar	mpler Terrier Rig		1	Dates:	13/04/2021		1
Well Wtr Strk	Sampl	le and In S	Situ Testing	Depth (m)	Level (m)	Legend	Stratum Description		
				0.30	5.98		Dry vegetation overlying MADE GROL brown clayey gravel. Gravels are medi flint and plastic. MADE GROUND comprising greenish gravelly sand. Gravels are fine angula	IND comprising um subrounded brown slightly	
				0.90	5.38		MADE GROUND comprising soft oran	gish brown im subangular	
				1.30	4.98		to subrounded plastic, glass, wood and Sands are coarse. MADE GROUND comprising greenish gravelly sand. Gravels are fine angular are fine.	d rare charcoal. brown slightly r brick. Sands	
				2.30	3.98		Charcoal fragments.	edium TORM BEACH	2
				3.00	3.28	Pomorke	End of Borehole at 3.00m		4
D = small distu J = organic sar V = volatile sa B = bulk bag s	urbed sample (tub) mple (amber glass ja mple (amber glass v ample	ar) S vial) F F	SPT(C) = Standard Penetr. SPT(S) = Standard Penetr. HSV = hand shear vane (k PP = pocket penetromete PID = photoionisation det	ation Test (Cone ation Test (Split Pa) r (kg.cm2) rector (ppm)	e) Spoon)	Remarks Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.	

F

		I	D	om				Windowless Sample Log	Borehole No. WS112 Sheet 1 of 2	
Project	Nam	e: Prince	es Parade	e P	roject No. 2281		Co-ords:	618312E - 134784N	Scale 1:25	_
Locatio	n:	Hythe	, Kent		-		Level (m):	: 7.47	Logged By SJM	y
Equipm	ent:	Windo	wless Sa	ampler Terrier Rig			Dates:	13/04/2021	Checked B	By
Well	Wtr	Sample	e and In S	Situ Testing	Depth	Level	Legend	Stratum Description	<u>ו</u>	
		Depth (m)	Туре	Results				Dry vegetation overlying MADE GRO soft dark brown gravelly slightly sandy are medium subangular to subrounde chalk. Sands are coarse.	UND comprising / clay. Gravels d brick, flint and	
					1.10	6.37				1
								MADE GROUND comprising soft oran gravelly sandy clay. Gravels are medi to subrounded plastic, glass, wood, cl charcoal. Sands are coarse.	ngish brown um subangular oth and rare	
										2 —
					3.20	4.27		MADE GROUND comprising soft blac sandy clay with a weak hydrocarbon of are medium angular brick and concre coarse.	k very gravelly odour. Gravels te. Sands are	4
					4.40	3.07		Pale grey sandy GRAVEL. Gravels ar subrounded flint. Sands are coarse. [DEPOSITS]	e medium STORM BEACH	
					4.80	2.67		Dark grey slightly gravelly SAND. Gra subrounded flint. Sands are coarse. [vels are medium STORM BEACH	-
D = small J = organi V = volati B = bulk b	distur ic sam ile sam bag sar	bed sample (tub) ole (amber glass ja ple (amber glass v nple	r) ial)	SPT(C) = Standard Penetr SPT(S) = Standard Penetr HSV = hand shear vane (ł PP = pocket penetromete PID = photoionisation de	5.00 ration Test (Cone ation Test (Split (Pa) er (kg.cm2) tector (ppm)	2.47 2) Spoon)	Remarks Coordinates The designe Services che	Continued on Next Sheet and levels, where indicated, must not be used r is responsible for verifying all site and setting acked and C.A.T. cleared prior to drilling.	for design purposes. 9 out dimensions.	5 —

			D	om				Windowless Sample Log	Borehole N WS112	0.
Projec	ct Nar	me: Princ	es Parade	e F	Project No.		Co-ords:	618312E - 134784N	Scale	2
Locat	ion:	Hyth	e, Kent				Level (m)	r: 7.47	Logged By SJM	y
Equip	ment:	Wind	lowless Sa	ampler Terrier Rig			Dates:	13/04/2021	Checked B	3y
Well	Wtr Strk	Samp	le and In	Situ Testing	Depth (m)	Level (m)	Legend	Stratum Description	1	
		Depth (m)	Туре	Results				Dark grey slightly gravelly SAND. Gra subrounded flint. Sands are coarse. [5 DEPOSITS] End of Borehole at 5.00m	vels are medium STORM BEACH	6
										10 -
D = sma J = orga V = vola B = bull	De small disturbed sample (tub) SPT(C) = Standard Penetration Test (Cone) Remarks De signaric sample (amber glass jar) SPT(C) = Standard Penetration Test (Split Spoon) Remarks V = volatile sample (amber glass vial) SPT(C) = Standard Penetration Test (Split Spoon) The designer is responsible for verifying all site and setting out dimensions. B = bulk bag sample PP = pocket penetrometer (kg.cm2) PP = pocket openetrometer (kg.cm2) Services checked and C.A.T. cleared prior to drilling.									

	ID	om				Windowless Sample Log	Borehole N WS113	0.
Project Name:	Princes Parade	Proj 2228	ect No. 81		Co-ords:	618276E - 134769N	Scale 1:25	<u>.</u>
Location:	Hythe, Kent				Level (m):	7.40	Logged By SJM	ý
Equipment:	Windowless Sa	mpler Terrier Rig			Dates:	13/04/2021	Checked B	y
Well Wtr	Sample and In S	Situ Testing	Depth	Level	Legend	Stratum Descriptio	n	
De	pth (m) Type	Results	(11)	()		Dry vegetation overlying MADE GRO soft dark brown gravelly slightly sand are medium subangular to subrounde chalk. Sands are coarse.	UND comprising y clay. Gravels d brick, flint and	
			1.10	6.30		MADE GROUND comprising soft oral gravelly sandy clay. Gravels are medi to subrounded plastic, glass, wood ar Sands are coarse.	ngish brown um subangular nd rare charcoal.	1 -
			2.10	5.30		MADE GROUND comprising soft dar black gravelly slightly sandy clay with organic odour. Gravels are coarse an slate, brick, plastic and cloth. Sands a	< green mottled a moderate gular concrete, are coarse.	2 -
			3.00	4.40		MADE GROUND comprising soft dar black slightly sandy clay with a weak Sands are coarse.	< green mottled organic odour.	3 -
			3.90	3.50		MADE GROUND comprising soft blac sandy clay with a weak hydrocarbon are medium angular brick and concre coarse.	ck very gravelly odour. Gravels te. Sands are	4 -
			4.30	3.10		Pale grey sandy GRAVEL. Gravels and subrounded flint. Sands are coarse. [DEPOSITS]	e medium STORM BEACH	
			5.00	2.40		End of Borehole at 5.00m	1	5 -
D = small disturbed s J = organic sample (a V = volatile sample (a B = bulk bag sample	sample (tub) amber glass jar) amber glass vial)	SPT(C) = Standard Penetratio SPT(S) = Standard Penetratio SPT = hand shear vane (kPa PP = pocket penetrometer 2D = photoionisation detect	on Test (Cone) on Test (Split S) kg.cm2) tor (ppm)) Spoon)	Remarks Coordinates The designe Services che	and levels, where indicated, must not be use r is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	d for design purposes. g out dimensions.	<u>. </u>

			D	om				Windowless Sample Log	Borehole N WS114	0.
Projec	ct Nam	e: Princ	es Parade	e F	Project No.		Co-ords:	618231E - 134755N	Scale	1
Locat	ion:	Hythe	e, Kent	2	2201		Level (m)	: 7.30	Logged By	ý
Equip	ment:	Wind	owless Sa	ampler Terrier Rig			Dates:	08/04/2021	Checked B	by
Well	Wtr	Samp	le and In	Situ Testing	Depth	Level	Legend	Stratum Descriptior	<u> </u>	
	Strk	Depth (m)	Туре	Results	(m)	(m)		Dry vegetation overlying MADE GROU	JND comprising	-
					1.20	6.10		Soft greyish brown very slightly gravell clay. Gravels are fine to coarse angula Sands are fine to medium. MADE GROUND comprising soft grey brownish orange slightly gravelly sand are fine to coarse angular brick, concr and plastic. Sands are coarse.	y slightly sandy ir brick and flint. ish brown to y clay. Gravels ete, tile, glass	1
					2.40	4.90		Occasional fleece / cloth blanket fragments. MADE GROUND comprising brownish gravelly slightly sandy clay. Gravels ar medium angular brick and concrete. S	grey slightly e fine to ands are fine.	
					3.10	4.20 2.30		Brown slightly sandy GRAVEL. Gravel medium subrounded to rounded flint. S [STORM BEACH DEPOSITS]	s are fine to Sands are fine.	4
D = sma J = orga V = vola B = bul	all distur anic sam atile sam k bag sar	bed sample (tub) ple (amber glass j ple (amber glass v nple	ar) vial)	SPT(C) = Standard Pene SPT(S) = Standard Penel HSV = hand shear vane PP = pocket penetrome PID = photoionisation d	I tration Test (Cone tration Test (Split : (kPa) ter (kg.cm2) etector (ppm)	!) Spoon)	Remarks Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting scked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.	1

bom				Windowless Sample Log	Borehole No. WS115 Sheet 1 of 2	
arade F	Project No.		Co-ords:	618217E - 134760N	Scale	<u> </u>
			Level (m):	7.34	Logged By	,
s Sampler Terrier Rig			Dates:	08/04/2021	Checked By	у
d In Situ Testing	Depth	Level	Legend	Stratum Descriptio	n	
Ne Results	(m) 1.15 1.60 2.00 3.00	(m) 6.19 5.74 5.34 4.34	Legend	Stratum Descriptio Dry vegetation overlying MADE GRO soft greyish brown slightly gravelly sil Gravels are fine to coarse angular bri Sands are fine to medium. MADE GROUND comprising dark bro gravelly sand. Gravels are fine to coa subangular brick, flint and concrete. S coarse. Plastic. MADE GROUND comprising brownis brown slightly gravelly sandy clay. Gr medium angular flint, concrete, brick Sands are fine. MADE GROUND comprising pale bro gravelly sand. Gravels are fine to coa concrete. Sands are fine to medium.	n UND comprising ghtly sandy clay. ck and flint.	
	4.30	3.04		Plastic. Grey clayey GRAVEL. Gravels are fir rounded flint. [STORM BEACH DEPC Very dark grey staining (no odour).	e to coarse DSITS]	4
	Arade [2 ht ss Sampler Terrier Rig d In Situ Testing P Results	Project No. 2281 Arade Project No. 2281 The Freid Results The Results Depth (m) 1.15 1.60 2.00 3.00 4.30	Arade Project No. 2281 Int Int ISIN TESTING Depth (CON) PRESUITS DEPTH (CON) PRESUI	Project No. 2281 Co-ords: nt Level (m) as Sampler Terrier Rig Depth Level (m) dn Situ Testing Depth Level (m) pe Results 1.15 6.19 1.15 6.19	DOCION Windowless Sample Log arade Project No. 22281 Co-ords: 618217E-134760N nt Level (m): 7.34 as Sampler Terrier Rig Dates: 08/04/2021 din Situ Testing Depth Level (m): 7.34 ge Results (m) Level (m): 7.34 din Situ Testing Depth Level (m): Or grayelation overlying MDE EGRO ge Results (m) Level (m): Co-ords: 08/04/2021 din Situ Testing Depth Level (m): Co-ords: 09/04/204 din Situ Testing Depth Level (m): Co-ords: Sands are fine to coastangular bick, fint and concretes coastangular bick, fint and concretes coastangular bick, fint and concretes coastangular bick, fint and coastange co	Windowless Sample Log Borehole N Ws118 rrade Project No. 22281 Co-ords: 018217E - 134700N Scale 125 rt Level (m): 7.34 Logged By NAA as Sampler Terrier Rig Dates: 08/04/2021 Checked B din Situ Testing Depth Level (m): 7.34 Checked B din Situ Testing Depth Level (m): Checked B Checked B din Situ Testing Depth Level (m): Statum Description Checked B din Situ Testing Depth Level (m): Statum Description Checked B din Situ Testing Depth Level (m): Statum Description Checked B din Situ Testing Depth Level (m): Statum Description Statum Description as anyother Statum Statum Description Statum Description Statum Description Statum Description 1.00 5.74 MADE GROUND comprising texts and find. Statum Description Statum Description 1.00 5.74 MADE GROUND comprising Dewnish orange to medum. Statum Description

		1	D	om				Windowless Sample Log	Borehole N WS115 Sheet 2 of	0.
Projec	t Nan	ne: Prince	es Parade	e	Project No. 22281		Co-ords:	618217E - 134760N	Scale 1:25	
Locati	on:	Hythe	, Kent				Level (m):	: 7.34	Logged By NJA	ý
Equipr	nent:	Windo	owless Sa	ampler Terrier Rig		-	Dates:	08/04/2021	Checked B	iy
Well	Wtr Strk	Sampl	e and In	Situ Testing	Depth (m)	Level (m)	Legend	Stratum Description	1	
		Dopur(iii)	1990	Roodito			** *** * * * *	Grey clayey GRAVEL. Gravels are fine rounded flint. [STORM BEACH DEPO	e to coarse SITS]	-
					5.20	2.14		Soft grey slightly sandy CLAY. Sands a coarse. [TIDAL FLAT DEPOSITS]	are medium to	
					6.00	1.34		End of Borehole at 6.00m		6 —
										9
D = sma	ll distu	rbed sample (tub)		SPT(C) = Standard Pene SPT(S) = Standard Pene	tration Test (Cone	e)	Remarks	and levels, where indicated, must not be used	for design purposes	
J = orga V = vola B = bulk	 small disturbed sample (tub) organic sample (amber glass jar) volatile sample (amber glass vial) bulk bag sample SPT(S) = Standard Penetration Test (Split Spoor HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm) 							r is responsible for verifying all site and setting acked and C.A.T. cleared prior to drilling.	out dimensions.	

	10	noc	ר			Windowless Sample Log	Borehole N WS116	10.
Project Nar	ne: Princes Pa	arade	Project No.		Co-ords:	618184E - 134740N	Sneet 1 of Scale	1
Location:	Hythe, Ke	nt	22201		Level (m)	: 7.33	Logged B	у
Equipment:	Windowles	ss Sampler Terrier I	Rig		Dates:	08/04/2021	Checked E	By
Well Wtr	Sample an	d In Situ Testing	Depth	Level	Legend	Stratum Descriptio	n	
Strk	Depth (m) Ty	pe Results	; (m)	(m)	- Legend	Dry vegetation overlying MADE GRO	UND comprising	
			0.50	6.83		Frequent wood and rare plastic. Abundant fleece / cloth blanket.	VIND comprising tly sandy clay. ick and flint. yish brown to htly sandy clay. subangular brick, re coarse.	2 -
			2.80	4.53		MADE GROUND comprising dark gre	ey gravelly clay.	
			3.00	4.33		Gravels are fine to medium angular to brick, flint and clinker. MADE GROUND comprising soft gre brownish orange slightly gravelly slig Gravels are fine to coarse angular to concrete, flint and charcoal. Sands an	o subangular yish brown to htly sandy clay. subangular brick, re coarse.	3
			3.90	3.43		MADE GROUND comprising soft gre Sands are fine.	y sandy clay.	4
			4.50	2.83		Soft brown gravelly CLAY. Gravels ar rounded flint. [TIDAL FLAT DEPOSIT	e fine to coarse S]	
D = small distu J = organic san	urbed sample (tub) nple (amber glass jar)	SPT(C) = Standard SPT(S) = Standard	Penetration Test (Cone Penetration Test (Split S	2.33) Spoon)	Remarks Coordinates	End of Borehole at 5.00n and levels, where indicated, must not be use	n d for design purposes.	5 -
V = volatile sar B = bulk bag sa	mple (amber glass vial) ample	HSV = hand shear PP = pocket pene PID = photoionisa	r vane (KPa) trometer (kg.cm2) ation detector (ppm)		Services che	ecked and C.A.T. cleared prior to drilling.	y our unicrisions.	

	ID	om				Borehole No WS117	D.	
Drain at Name	Dringes Darada	Pro	ject No.		Co. ordou	C40464E 424752N	Sheet 1 of 2 Scale	1
	Princes Parade	222	281		Co-oras:	010101E - 134753N	1:25	,
Location:	Hythe, Kent				Level (m)	: 7.19	NJA	
Equipment:	Windowless Sa	mpler Terrier Rig			Dates:	08/04/2021	Checked By	у
Well Wtr Strk	Sample and In S	Situ Testing	Depth (m)	Level (m)	Legend	Stratum Description	1	
	iquipurent: Windowless Sampler Terrier Rig Well Wtrk Sample and In Situ Testing Depth (m) Type Results Image:	SPT(C) = Standard Penetrat	0.85 1.15 2.05 2.30 2.50	6.34 6.04 5.14 4.89 4.69	Remarks	Dry vegetation overlying MADE GROU soft dark brown slightly sandy slightly s Gravels are fine to coarse angular brick Sands are fine to medium. MADE GROUND comprising slightly s Gravels are coarse angular brick and o are coarse. MADE GROUND comprising greenish gravelly clayey sand. Gravels are fine angular to subrounded brick, concrete are fine. Wood fragments. MADE GROUND comprising soft brow slightly gravelly clay. Gravels are fine to angular to subangular brick, concrete, charcoal. Sands are coarse. MADE GROUND comprising soft very gravelly clay with a weak organic odou fine to coarse angular to subrounded o and clinker. End of Borehole at 2.50m	JND comprising gravelly clay. k and flint. concrete. Sands grey slightly to medium and flint. Sands grey slightly sandy to coarse flint and dark grey ur. Gravels are concrete, flint	
 D = small disturbed s J = organic sample (a V = volatile sample (a B = bulk bag sample 	sample (tub) amber glass jar) amber glass vial)	SPT(S) = Standard Penetrat HSV = hand shear vane (kP PP = pocket penetrometer PID = photoionisation dete	ion Test (Split Sp a) (kg.cm2) ctor (ppm)	boon)	Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting acked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.	

		I	D	DM				Windowless Sample Log	Borehole N WS117A	lo.
Project N	lame:	Prince	s Parade	Pr	oject No.		Co-ords:	618160E - 134756N	Sheet 1 of Scale	2
Location	:	Hythe,	, Kent	22	281		Level (m)	: 7.18	Logged By	у
Equipme	nt:	Windo	wless San	npler Terrier Rig			Dates:	08/04/2021	Checked B	By
	/tr	Sample	e and In S	itu Testing	Depth	Level				
Well St	rk Depth	(m)	Туре	Results	(m)	(m)	Legend	Stratum Description		
					0.70	6.48		MADE GROUND comprising soft brow gravelly slightly sandy slightly Gravels are fine to medium.	vn slightly re fine to coarse , flint and	-
					1.20	5.98		MADE GROUND comprising greyish brownish orange slightly gravelly clay are fine to medium angular brick, con plastic. Sands are fine to coarse.	brown to ey sand. Gravels crete, glass and	
					1.90	5.28		MADE GROUND comprising soft oran slightly gravelly slightly sandy clay. G coarse angular to subangular brick, c charcoal and plastic. Sands are fine.	ngish brown ravels are fine to oncrete, flint,	2 -
					2.30	4.88		MADE GROUND comprising brown g clayey sand. Gravels are fine to coars and concrete. Sands are fine to medi	ravelly slightly se angular brick um.	-
					2.70	4.48		MADE GROUND comprising grey slig slightly sandy clay. Gravels are coars are fine to medium.	htly gravelly e brick. Sands	3 -
					3.10	4.08		MADE GROUND comprising very dar sand. Gravels are fine to medium ang subrounded concrete, flint and glass. to medium.	k grey gravelly ular to Sands are fine	4
	icturbod cor	ala (+u/a)	si	PT(C) = Standard Penetra	tion Test (Con	e)	Remarks	Continued on Next Sheet		
D = small d J = organic V = volatile B = bulk ba	isturbed samp sample (ambe sample (amb g sample	pie (tub) er glass jar er glass vi	r) SI al) P PI	PT(S) = Standard Penetra SV = hand shear vane (kl P = pocket penetromete ID = photoionisation det	tion Test (Split Pa) r (kg.cm2) ector (ppm)	Spoon)	Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	d for design purposes. g out dimensions.	

			D	om				Windowless Sample Log	Borehole No. WS117A	
		.		P	roject No.				Sheet 2 of Scale	2
Proje	ct Nam	ne: Prince	es Parade	2	2281		Co-ords:	618160E - 134756N	1:25	
Locat	ion:	Hythe	, Kent				Level (m)	: 7.18	NJA	у
Equip	ment:	Winde	owless Sa	mpler Terrier Rig			Dates:	08/04/2021	Checked B	By
Well	Wtr Strk	Sampl	e and In S	Situ Testing Results	Depth (m)	Level (m)	Legend	Stratum Descriptior	ı	
		Depth (m)	Type	Results	6.00	1.18		MADE GROUND comprising very dar sand. Gravels are fine to medium ang subrounded concrete, flint and glass. to medium. Brown slightly sandy GRAVEL. Grave medium subrounded to rounded flint. ISTORM BEACH DEPOSITS] Soft grey slightly sandy CLAY. Sands coarse. [TIDAL FLAT DEPOSITS] End of Borehole at 6.00m	k grey gravelly ular to Sands are fine Is are fine to Sands are fine. are medium to	6 7 9 9
										10 -
D = sm J = orga V = vola B = bul	all distu anic sam atile san k bag sa	rbed sample (tub) nple (amber glass ja nple (amber glass v ample	ar) I /ial) I	SPT(C) = Standard Peneti SPT(S) = Standard Penetr HSV = hand shear vane (PP = pocket penetromet PID = photoionisation de	ration Test (Coneration Test (Split Refance (Split ration Test (Split kPa) er (kg.cm2) tector (ppm)	e) Spoon)	Remarks Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	l for design purposes. out dimensions.	<u> </u>

		D	om				Windowless Sample Log	Borehole N WS118	0.
Project Name:	Prince	es Parade	e P	roject No.		Co-ords:	618125E - 134727N	Scale	
Location:	Hythe	e, Kent	2	2201		Level (m)	: 7.19	Logged By	ý
Equipment:	Windo	owless Sa	ampler Terrier Rig			Dates:	08/04/2021	Checked B	by
Well Wtr	Sampl	e and In	Situ Testing	Depth	Level	Legend	Stratum Description	<u> </u>	
Well Wtr Strk Dep	Sampl th (m)	le and In Type	Situ Testing Results	Depth (m) 0.60 2.30 2.30 3.20 4.00	Level (m) 6.58 4.88 4.58 4.28 3.98 3.18		Stratum Description Dry vegetation overlying MADE GROU soft dark brown very slightly sandy slig clay, Gravels are fine to coarse angula Sand is fine to medium. MADE GROUND comprising soft brow slightly gravelly clay, Gravels are fine to angular to subangular brick, concrete, charcoal. Sands are coarse. Cobble of angular concrete. MADE GROUND comprising soft very gravelly clay with slight hydrocarbon o are fine to coarse angular to subround fint and clinker. MADE GROUND comprising brownist sand. Gravels are fine to coarse ang and flint. Sands are fine to coarse ang and flint. Sands are fine to coarse ang Stratum Subrounded flint and concrete. Sands Greyish brown slightly sandy GRAVEL to medium subrounded to rounded flin fine. [STORM BEACH GRAVELS] End of Borehole at 4.00m	dark grey dour. Gravels led concrete, n orange gravelly ular concrete . Gravels of fine t. Sands are	
D = small disturbed sa J = organic sample (am V = volatile sample (am B = bulk bag sample	mple (tub) hber glass ja nber glass v	ar) ⁄ial)	SPT(C) = Standard Penetr SPT(S) = Standard Penetr HSV = hand shear vane (I PP = pocket penetromete PID = photoionisation de	ration Test (Con- ation Test (Split (Pa) er (kg.cm2) tector (ppm)	e) Spoon)	Remarks Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.	5 —

			D	om				Windowless Sample Log	Borehole No WS119 Sheet 1 of	0.
Projec	t Nam	ne: Princ	es Parade	e P	roject No. 2281		Co-ords:	618091E - 134740N	Scale 1:25	•
Locati	on:	Hythe	e, Kent				Level (m)	: 7.06	Logged By SJM	/
Equipr	ment:	Wind	owless Sa	ampler Terrier Rig			Dates:	09/04/2021	Checked B	у
Well	Wtr Strk	Samp	le and In	Situ Testing	Depth (m)	Level (m)	Legend	Stratum Descriptior	ı	
		Depart(iii)	Туре	Results				Dry vegetation overlying soft brown gr sandy clay. Gravels are medium suba concrete and flint. Sands are coarse.	avelly very ngular brick,	
					1.00	6.06		MADE GROUND comprising firm gree gravelly sandy clay. Gravels are medi brick, flint, plastic, charcoal and glass. coarse.	enish brown um angular Sands are	- 1
					2.00	5.06		MADE GROUND comprising dark bro gravel. Gravels are medium angular c brick. Sands are coarse.	wn very sandy oncrete and	2
					3.00	4.06		MADE GROUND comprising soft orar gravelly sandy clay. Gravels are medir to subrounded flint, brick, plastic and g coarse.	igish brown um subangular Jass. Sands are	3
					4.30 4.50 5.00	2.76 2.56 2.06		MADE GROUND comprising dark gre Gravels are medium angular flint and are coarse. Greenish grey slightly sandy CLAY. Sa subangular shells. [TIDAL FLAT DEPO End of Borehole at 5.00m	y sandy gravel. tarmac. Sands ands are coarse DSITS]	4
D = sma J = orga V = vola B = bulk	all distui inic sam atile san	rbed sample (tub) ple (amber glass j: pple (amber glass v mple	ar) vial)	SPT(C) = Standard Penetr SPT(S) = Standard Penetr HSV = hand shear vane (k PP = pocket penetromete	ation Test (Cone ation Test (Split : «Pa) er (kg.cm2) tector (npm)) Spoon)	Remarks Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.	<u> </u>

			D	om				Windowless Sample Log	Borehole N WS120	0.
Project N	Name:	Prince	es Parade	e	Project No.		Co-ords:	618045E - 134726N	Scale	1
Location		Hythe	e, Kent	 4			Level (m)	: 6.90	Logged By	y
Equipme	ent:	Windo	owless Sa	ampler Terrier Rig			Dates:	09/04/2021	Checked B	By
Well V	Vtr	Sampl	e and In	Situ Testing	Depth	Level	Legend	Stratum Descriptio	 on	
S	trk Dept	:h (m)	Туре	Results	(m)	(m)		Dry vegetation overlying soft brown g	gravelly very	-
					0.80	6.10 5.90		MADE GROUND comprising soft ora gravelly sandy clay. Gravels are mec to subrounded flint, brick, plastic and coarse. MADE GROUND comprising greenis sand. Gravels are coarse angular bri coarse.	angular brick, coarse. angish brown lium subangular I glass. Sands are /h brown gravelly ck. Sands are	, 1
					1.80	5.10		MADE GROUND comprising soft ora gravelly sandy clay. Gravels are mec to subrounded flint, brick, concrete a are coarse.	angish brown lium subangular nd glass. Sands	2
					5.00	5.30		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.		
					3.50	3.40		MADE GROUND comprising soft ora gravelly sandy clay. Gravels are mee to subrounded flint, brick and glass.	angish brown lium subangular Sands are coarse.	4 -
					4.20	2.70		Greenish grey slightly sandy CLAY. S subangular shells. [TIDAL FLAT DEF	Sands are coarse POSITS]	
					5.00	1.90		End of Borehole at 5.00r	n	5 -
D = small o J = organic V = volatile B = bulk ba	disturbed sar sample (am sample (am ag sample (am	nple (tub) ber glass ja ıber glass v	ar) vial)	SPT(C) = Standard Pene SPT(S) = Standard Pene HSV = hand shear vane PP = pocket penetrome PID = photoionisation d	tration Test (Cone tration Test (Split (kPa) ter (kg.cm2) letector (ppm)	e) Spoon)	Remarks Coordinates The designe Services che	and levels, where indicated, must not be use or is responsible for verifying all site and settin ecked and C.A.T. cleared prior to drilling.	d for design purposes.	

			D	om				Borehole No. WS121 Sheet 1 of 2		
Projec	t Nam	ie: Princ	es Parade	9	Project No.		Co-ords:	617986E - 134734N	Scale	2
Locati	on:	Hythe	e, Kent				Level (m)	: 7.10	Logged By	y
Equipr	nent:	Wind	owless Sa	ampler Terrier Rig			Dates:	09/04/2021	Checked B	By
Well	Wtr	Samp	le and In	Situ Testing	Depth	Level	Legend	Stratum Descriptic)n	
	Strk	Depth (m)	Туре	Results	(m)	(m)		Dry vegetation overlying soft brown o sandy clay. Gravels are medium sub	gravelly very angular brick,	-
+ • - •					0.80	6.30		MADE GROUND comprising soft ora gravelly sandy clay. Gravels are med to subrounded flint, concrete, brick a are coarse.	coarse. angish brown lium subangular nd glass. Sands	1-
					1.40	5.70		MADE GROUND comprising dark br sandy clay. Gravels are coarse angu brick. Sands are coarse.	own very gravelly lar concrete and	
					2.60	4.50				2
								MADE GROUND comprising soft dat black gravelly slightly sandy clay with hydrocarbon odour. Gravels are coar concrete, brick and rare wood. Sand:	rk green mottied n a moderate 'se angular s are coarse.	3
										4
					4.90 5.00	2.20 2.10		MADE GROUND comprising dark gr Continued on Next Shee	ey sandy gravel.	5 -
D = sma J = orga V = vola B = bulk	all distur nic sam tile sam	bed sample (tub) ple (amber glass j. ple (amber glass v mple	ar) vial)	SPT(C) = Standard Per SPT(S) = Standard Per HSV = hand shear van PP = pocket penetrom PID = photoionisation	netration Test (Cont netration Test (Split neter (kPa) neter (kg.cm2) detector (ppm)	l e) Spoon)	Remarks Coordinates The designe Services che	l and levels, where indicated, must not be use r is responsible for verifying all site and settin ecked and C.A.T. cleared prior to drilling.	ed for design purposes. ng out dimensions.	<u> </u>

		I	D	om					Windowless Sample Log	Borehole N WS121	0.
Project N	Name:	Prince	es Parade	9	Projec 22281	t No.		Co-ords:	617986E - 134734N	Scale 1:25	2
Location	:	Hythe	e, Kent					Level (m):	7.10	Logged By SJM	/
Equipme	nt:	Windo	owless Sa	ampler Terrier Rig				Dates:	09/04/2021	Checked B	У
Well N	/tr	Sampl	e and In	Situ Testing	[Depth (m)	Level (m)	Legend	Stratum Description	1	
	trk Dep	<u>h (m)</u>	Туре	Results		(m) 6.00	(m) 1.10		MADE GROUND comprising dark gree Gravels are medium angular flint and tare coarse. Off-white gravely clayey SAND. Grave subrounded flint. Sands are coarse [S' DEPOSITS]	y sandy gravel. tarmac. Sands els are medium TORM BEACH	6 7 9 9
D = small d J = organic V = volatile B = bulk ba	D = small disturbed sample (tub) = organic sample (amber glass jar) / = volatile sample (amber glass vial) B = bulk bag sample SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spc HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)							Remarks Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting cked and C.A.T. cleared prior to drilling.	for design purposes. out dimensions.	

	IDO	SM				Windowless Sample Log	Borehole No WS122	0.
Project Name:	Princes Parade	Pro	ject No.		Co-ords:	617967E - 134709N	Sneet 1 of	2
Location:	Hythe, Kent		201		Level (m)	: 7.96	Logged By	/
Equipment:	Windowless Sam	npler Terrier Rig			Dates:	09/04/2021	Checked B	у
Well Wtr	Sample and In Si	itu Testing	Depth	Level	Legend	Stratum Descrintio	n	
Strk Dep	oth (m) Type	Results	(m)	(m)		Dry vegetation overlying MADE GRO	UND comprising	
			1.40 2.10 2.50	6.56 5.86 5.46		Whole brick. Concrete. MADE GROUND comprising soft oral gravelly sandy clay. Graves subangular tarmac, plastic, br Sands are coarse. MADE GROUND comprising soft oral gravelly sandy clay. Gravels are med to subrounded flint, brick and glass. S MADE GROUND comprising soft dar gravelly clay. Gravels are coarse ang MADE GROUND comprising soft dar gravelly clay. Gravels are fine subround subangular flint and tarmac. Sands and	ngish brown lum subangular Sands are coarse. k brown very ular wood.	
			3.10	4.86		MADE GROUND comprising soft dar black gravelly slightly sandy clay with hydrocarbon odour. Gravels are coar concrete, slate, brick and plastic. Sar	k green mottled a moderate se angular ids are coarse.	3
D = small disturbed sa J = organic sample (arr V = volatile sample (ar	mple (tub) SP nber glass jar) HS nber glass vial) HS	PT(C) = Standard Penetrat PT(S) = Standard Penetrat SV = hand shear vane (kP P = pocket penetrometer	tion Test (Cone ion Test (Split a) (kg cm ²)	e) Spoon)	Remarks Coordinates The designe	Continued on Next Shee and levels, where indicated, must not be use r is responsible for verifying all site and settin	d for design purposes. g out dimensions.	5 -

			ID	om				Windowless Sample Log	Borehole N WS122 Sheet 2 of	0.
Proje	ct Nar	ne: Prir	ices Parad	e	Project No. 22281		Co-ords:	617967E - 134709N	Scale 1:25	2
Locat	ion:	Hyt	he, Kent				Level (m)	: 7.96	Logged By SJM	y
Equip	ment:	Wir	idowless S	ampler Terrier Rig			Dates:	09/04/2021	Checked B	8y
Well	Wtr Strk	Sam	ple and In	Situ Testing	Depth (m)	Level (m)	Legend	Stratum Description	1	
	Strk	Depth (m)	Туре	Results	(m) 5.30 5.80 6.00	(m) 2.66 2.16 1.96		MADE GROUND comprising dark gre Gravels are medium angular flint and are coarse. MADE GROUND comprising firm great slightly gravelly clay. Gravels are fine and flint. Greenish grey slightly sandy CLAY. So subangular shells. [TIDAL FLAT DEPO End of Borehole at 6.00m	y sandy gravel. tarmac. Sands enish grey angular brick ands are coarse DSITS]	6 7 9 9
										10 -
SI SI				SPT(C) = Standard Pen	etration Test (Cone	e)	Remarks			10
J = orga J = orga V = vola B = bul	an distu inic san atile san k bag sa	mple (amber glass mple (amber glass ample	s jar) s vial)	SPT(S) = Standard Pene HSV = hand shear vane PP = pocket penetrom	etration Test (Split e (kPa) eter (kg.cm2) detector (ppm)	Spoon)	Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting ecked and C.A.T. cleared prior to drilling.	l for design purposes. I out dimensions.	

		1	D	om				Windowless Sample Log	Borehole No WS123 Sheet 1 of	o. 1
Projec	ct Nam	e: Prince	es Parade	Pro 22	oject No. 281		Co-ords:	617953E - 134687N	Scale 1:25	
Locati	on:	Hythe	, Kent				Level (m)	: 7.75	Logged By SJM	/
Equip	ment:	Windo	owless Sa	mpler Terrier Rig			Dates:	09/04/2021	Checked B	у
Well	Wtr Strk	Sample	e and In S	Situ Testing	Depth (m)	Level (m)	Legend	Stratum Description	ı	
			Турс	i kosuta				Dry vegetation overlying MADE GRO soft brown gravelly slightly sandy clay medium to coarse subangular plastic, Sands are coarse.	JND comprising . Gravels are brick and flint.	
					0.90	6.85 6.75		MADE GROUND comprising pale gre are coarse angular concrete. MADE GROUND comprising pale bro gravelly very sandy clay. Gravels are subangular concrete and brick. Sands coarse.	y gravel. Gravels wn slightly medium s are fine to	- 1
					2.00	5.75		MADE GROUND comprising soft blac grey very gravelly sandy clay with a n hydrocarbon odour. Gravels are medi concrete, brick charcoal, glass, chalk are coarse.	k mottled dark noderate um angular and flint. Sands	2
					4.20	3.55		MADE GROUND comprising soft dark black gravelly sandy clay with a mode odour. Gravels are medium angular co brick. Sands are coarse.	green mottled rate organic oncrete and	
					4.70	3.05		Greenish grey slightly sandy CLAY. S subangular shells. [TIDAL FLAT DEP	ands are coarse OSITS]	-
					5.00	2.75		End of Borehole at 5.00m		5 —
D = sma J = orga V = vola B = bull	all distur inic sam atile sam k bag sa	bed sample (tub) ple (amber glass ja ıple (amber glass v mple	ir)	SPT(C) = Standard Penetra SPT(S) = Standard Penetra HSV = hand shear vane (kf PP = pocket penetrometer PID = photoionisation dete	tion Test (Cone tion Test (Split Pa) • (kg.cm2) ector (ppm)	e) Spoon)	Remarks Coordinates The designe Services che	and levels, where indicated, must not be used r is responsible for verifying all site and setting acked and C.A.T. cleared prior to drilling.	l for design purposes. g out dimensions.	
DRFIIM

SOCOTEC	-	ackfill										8	Sealed	
	System	B										4.50	_	
	d Level Inates al Grid	Wate											_	
	Groun Coord													
		etail											ø	Trial Pit
													ater Entries ppth Remark	
	arks												Groundwa No. De	
	Related Rem		of red			ine to							_	1:25
	Depth I ncountered psed		to angular fin ed fragments			I to rounded f dium of brick						TIDAL FLAT		Scale
	narks groundwater e es A & C colla	scription	sub-rounded nal gravel-siz			s sub-rounder ded fine to me	o% asn.					d fine of flint (
	pth Ren - 4.50 No (- 4.20 Fao	Strata De	um. Gravel is With occasio			fine. Gravel i	Iragments. 1					led to rounde	Jnstable Vone	
	0.00 0.00 1.80 eg)		s fine to medi 400x250mm)			CLAY. Sand if SAND. Grave	nposed wood					KY HOLE	tability L horing h	tatus
		Main	cLAY. Sand e (up to 620x GROUND)			avelly sandy o coarse silty	c. 10% aeco					CLAY. Grave	005	0
N	B B C C C C		gravelly sity nts of concret tyre. (MADE			rey slightly gr gravelly fine t	irs. 10% plast					ightly gravelly END		
ELI	Dimen dth 1.20 m ngth 3.00 m		sandy slightly sized fragme , ceramic and			ed greenish g	strips and pa					eenish grey sl		
r r	4 Jun 22 Vi		r soft slightly n rare boulder strips, plastic			n brown mottle LL) sing: 40% mai	o rusted meta					wn mottled gre		
	WB		ing nettle ove se of flint, with , glass, metal			light yellowis um of flint (FI DFILL compri	concrete, 30%					orangish brov OSIT?)		
	g Crew L	gend	Sting			Lani						Е Ө 11	_	
	Rig Rig	evel											_	
	Equipmen 360 Excaval	epth L Thickness)		(1.60)		.60 (0.15)			(2.65)		ç	50 (0.10)		
		\$										f 4	_	s Parade
	Ë	sts Recor												Prino
	thod ated pit to 4.4	Field T Type												noject
	Me achine excav	Depth												IN.
	×	ords		x - C x								- /		fole Records.
		oles . Rec												Exploratory
I	Dates 14 Jun 22 -	Samp Type & No.		D1 B2 ES3	D4 B5	8 S	D7	ES B		o S M		D 11 ES 10		ns see Key to
og	4.50	Depth		0.50 0.50 - 0.70 0.50	1.00	1.50	2.10	2.50		3.50		4.50		d abbreviatio
L L	0:00	Time Water	22 0800								22 1700		ks	of symbols ar
al	Checked	Date	14 Jun :										eral Remar	s xplanation

SOCOTEC		ckfill									Sealed	
	System	Ba								5.00		
	evel tes Srid	Water Entry									_	TP207
	Ground L Coordinat National G											
												Trial Pit
			Detail								Entries Remarks	AGS
											roundwater F Vo. Depth	9:37 K Limited
	ad Remarks				_	-					ōź	5 Jul 2022 09:0 SOCOTEC U
	Depth Relati		ne to medium		to coarse of	others (meta						Scale 1:25 Printed 14 . © Copyright 3
	dwater encou	tion	to rounded fi		-rounded fine	ed bricks. 5%						0.2
	Remarks No groun	trata Descrip	sub-rounded		ngular to sub	oottles. 10% I					unstable	TIM
	Depth 0.00 - 5.00	S	um. Gravel is		ravel is sub-a	y sand. 15%					/ Partly I None r Sunny	PRE
	tion 135 (Deg)		s fine to medi UND)		to medium G	rn gravelly silt				LORATORY HOLI	Stability Shoring Weathe	Status
	and Orientat		CLAY. Sand is (MADE GROI		Sandy is fine t	reddish brow				END OF EXP		
LIM	Dimensions 30 m B		andy gravelly ts, red brick.		andy CLAY. 9	6 Matrix: dark						
RE	Vidth 1 Length	4	own slightly so		gravelly very ⊱ FILL)	0% slate. 20%						
L.	15 Jun 2		r soft dark bro occasiona ro		rown slightty g ck, ceramic. (comprising. 5 ayed organic)						
	WB	_	Weeds ove of flint with		Soft dark b flint, red bri	LANDFILL paper, decc						
	Rig Crew	Legend									_	
	Lipment Excavator	Level	388)	(061	1.30)			(08)				
	360 E	Depth	(Thickne	0	0.90	07.1		3		5.00	-	ide uction Ltd
			tecords	kPa, r 5kPa								Princes Para G2028-22 BAM Constru
	to 5.00m.	eld Tests	8	۲ ۲								to. out for
	Method excavated pit			20								Project Project Carried
	Machine e	10	n	ö							_	cords. All spth column.
			Kecords									ttory Hole Re brackets in de
	5 Jun 22	Samples	No.	τ α ^m	4 0 0		5	œ	<u>,</u>	9	-	tey to Explora
1	15 Jun 22 - 1		- Iype	090 1900	120 120		ŭ	ŭ 	ü	ES		viations see I Stratum thick
Log	.00 - 5.00	e	100 Dep	0.5(0.50 - (0.50	1.00		9 9	ö. Ö	4.0	5.00	-	ols and abbre els in metres.
I Pit	ved ved	ate Tin	Jun 22 08							Jun 22 16	emarks	ation of symb
Tria	Checi		0				N	m	4	5	General R	Notes For expland depths and

SOCOTEC			skfill								Sealed	
		System	Bac							5.00		
	s id		Water Entry									FP208 Sheet 1 of 1
	Ground Lev Coordinate: National Gr											
			-									Trial Pit
	arks		Deta								Groundwater Entries No. Depth Remarks	2 09:09:37 EC UK Limited
	Depth Related Rem encountered.		t.	rded fine to medium		amic and glass. 10%						Scale 1:25 Printed 14 Jul 202: © Copyright SOCOT
	Pepth Remarks 0 - 5.00 No groundwater		Strata Description	ravel is sub-rounded to rou	edium of flint. (FILL)	15% rusted metal. 10% cer					Stable None Sunny and light winds	PRELIM
	0.0	(Deg)		to medium. G	ded fine to me	y silty SAND, paper, shell).				ORY HOLE	Stability Shoring Weather	Status
RELIM	Dimensions and Orientation	Length 3.60 m B A	Mai	m slightly sandy gravely CLAY Sand is fi	y slity SAND. Gravel is sub-rounded to ro	% Matrix: dark brown to black slightly grav gant fragments and ash. 5% other (plagrav				EN OF EVELO		
ď	w Logger Logged 15 Jun 22		P	Wees ore soft dark trov of finit (MADE GROUND)	Dark brown slightly gravel	LANDFILL comprising. 50 red brick. 10% decayed oi						
	Rig Cre		Legen									
	Equipment 360 Excavator		Depth Level (Thickness)	(1.00)	1.00	(0.70) 1.70		(3.30)		5.00		ion Ltd
	ë		sts Records	p 13kPa, r 6kPa								Princes Parade G2028-22 BAM Construct
	od ed pit to 5.00n		Field Tes Type	¥								ject ject No. ried out for
	Meth achine excavate		Depth	0.50								All Pro olumn. Pro Car
	W		Records	A 1								oratory Hole Records. in brackets in depth c
	ates 2 - 15 Jun 22		Samples ype & No.	801	ES3	8 5 B	ES 6	L SS	8 S	ES 9		see Key to Exp thickress given
Бc	.00 15 Jun 2		Depth	0.50	1.00	1.50 1.50 - 1.60	2.00	3.00	4.00	5.00		d abbreviations netres. Stratum
Trial Pit Lo	Checked Dept		Date Time Vater	0800			8		,	ي م	General Remarks	Notes For explanation of symbols an depths and reduced levels in n

	_	liji																0	Sealed			
	System	ä	5															5.0			∢	
	evel ttes Grid	Water	Entry																		TP209	Sheet 1 of 1
	Ground L Coordina National (-																		Trial Pit	
	arks		Deta																Groundwater Entries No. Depth Remarks		26:00:00 :	EC UK Limited AGS
	Depth Related Remains after encountered	-	d to counded fine to			flint, with rare gravel		te. 10% paper and								 					Scale 1:25 Printed 14 Jul 2022	Copyright SOCOTI
	Depth Remarks 0.00 - 5.00 No groundw	Strata Descriptio	o modium. Ormol in sub-mundo	and plastic. (MADE GROUND)		ed to rounded fine to medium of		netal. 10% red brick and concre s bottles 5% ceramic.										DLE	lity Stable	ng None her Sunny and light winds	B PRELIM	
RELIM	Dimensions and Orientation Well 1:30 B C 1:000 B 1:000 B 1:000		Main Main AV Condition of the Condition of the first of the second	ingrup samp gravery sing CLAT. Sand is rire ut is and rootlets with occasional shell fragments		ilty fine to medium SAND. Gravel is sub-rounde		fatrix: reddish brown sity gravelly sand. 10% m rganic material, ash shell fragments). 5% glass										END OF EXPLORATORY HC	Stabil	Shorin	Statu	
ΡF	Logged 16 Jun 22		A dort brown	it dark prown s th frequent roo		ghtly gravelly si s of red brick. (hrising. 50% N her (decayed o														
	WB		foodo ator of	veeus over so hedium flint wi		ight brown sli		ANDFILL con lastic. 10% of														
	Rig Crew	-	regera	> =																		
	Equipment 360 Excavator	Denth	(Thickness)		(0.60)	0.60	(0.60)	1.20					(3.80)					5.00				on Ltd
	É	sts	Records																		Princes Parade G2028-22	BAM Construction
	athod ated pit to 5.00	Field Te	Type																-		Project Project No.	Carried out for
	Me fachine excav		Depth																		s. All F	_
	2		Records																		ploratory Hole Records in in brackets in depth	
	Dates 22 - 16 Jun 22	Samples	Type & No.		D1 10	ES3 D4 B5			ES 6			ES 7		ES 8		ES 9					s see Key to Ex 1 thickness give	
Бc	.00 16 Jun		Depth		0.45	0.50 0.65 - 0.70			1.50			 2.50	 	3.50		 4.50					d abbreviation: hetres. Straturr	
Pit L	0.00 - 5	Time	Water	22 0800													1500		ks ks		of symbols an	
Trial I	Checked Approved	Date	0	16 Jun 2					***1**		5	 	 .	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4		16 Jun 2	5	General Remar		Notes For explanation (depths and redu	

System Retry Ertry Ertry Bactril Bactril	System Frenz - System Frenz	System Filty Saturation Staturation Staturatio Staturation Staturation Staturation Statur	System Funy 500 500 500 500 500 500 500 50
Detail	Detail	Peter	Detail Documbrature Entries No. Dopth Remarks
reat t	reat I		Left twite Contractive Entries No. Dight Remarks
irt and chaik. Frequent 2.30m), 10% glass	Tit and chark. Frequent . 30m, 10% glass	it and chairs 130m 10% glass	It and chark Frequent
vurded fine to coarse of fint and chalk. Fi MADE GROUND) and 20% sales sho (from 2.30m), 10% ga	vorded fire to coarse of fint and chark Fi MADE GROUND) and 20% alse eata (from 2.30m), 10% gla and 20% alse tab (from 2.30m), 10% gla	WADE GRACUMD) and, 20% agree of flint and chaik. Fr (room) and, 20% agree sub (room) and, 20% ga agree sub (room) agree sub (room)	vunded fine to coarse of fint and chark. Fr vunded fine to coarse of fint and chark. Fr and 20% sales sub (from 2.30m), 10% ga Stable Nome Stable
avel is angular to sub-counded fire to reveal wood fragments. (MADE GROUNI in the sub-counded fire to the sub-counded fire to the sub-sub-sub-sub-sub-sub-sub-sub-sub-sub-	avel is angular to sub-counded fire to year wood fragments. (MADE GROUNI ity slity fire to correct same, 20% addres er fragments, ach 5% often (plass), pa	ver is angular to sub-counded fire to ver wood fragments. (MADE GROUNI if fire to corres sand, 20% alares of fragments, ast, 5% other (plastic, pla of bootenes and corres of the corres	of singular tis sub-counded fire to the sub-counded fi
fire to medium SAND. Gravel is ang els. red brick, melal, desayed wood final, desayed wood gravely sity fire s, 5% desayed wood gravely sity fire	fire to medium SAND. Gravel is ang etc. red trick, metal, decayed wood is of reddah brown gravely sity fire s. 5% decayed woodtmither fragment	The to medium SAND. Gravel is ang etc. red trick, mesk, decayed wood finder tragment s, s%, decayed woodfimber tragment find of BAPCOR	The to medium SAND. Gravel is and etc. red to red time SAND. Gravel is and control of the second to add second to add decayed wood time fragment s 5% decayed wood time fragment fragme
prising 50%, matrix of reddish brown	prising 50% matrix of reddish brown oncrete and bridsa, 5% decayed woo	prising 50% matrix of reddish brown	prieing 50% matrix of reddals brown oncrete and bridsa, 5% decayed woo
LANDFILL comprising 50% matrix of bottles, 10% concrete and brids, 5%	LANDFILL comprising 50% matrix of bottles, 10% concrets and brids, 5%	LANDFILL comprising 50% matrix of bottles, 10% concrete and bridds, 5%	LANDFILL comprising 50% matrix of bottles, 10% concrete and brids, 5/
(1.10) LANDFL	(1.10) <u></u>	(1.10) (3.10) Dettes 1	(1.10) (3.10)
861	1.90 (3.10)	1 90 (3 10) (3 10)	1.90 (3.10)
	ES 8 ES 8	ES 8 ES 4	E E E E E E E E E E E E E E E E E E E
	3 20	3 20 50 7 7 2 20 8	5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
		120	120

SOCOTEC	E	Backfill							2.00	Sealed	
	Syst	tor									
	nd Level Jinates nal Grid	Way								-	
	Grour Coorc										
			Jetal							ŝ	Trial Pit
			gravelly		gravelly					ater Entries epth Remar	
	harks		.00-0.50 Very		.20-1.30 Very					Groundw No. D	
	Related Rem		٥ ٤		← poox					-	act
	Depth encountered		dium o flint wi		0% decayed						1000
	groundwater	Bescription	led fine to me		d red bricks, '					٥	
	epth Re 0-5.00 No	Strata D	nded to round DE GROUND)		6 concrete an					Partially stab	Sunny
	0.00 Deg)		vel is sub-rou gments. (MAI		elly sand, 15% plastic.				ORY HOLE	Stability Shoring	Weather
			Main nd is fine. Gra d red brick fra		ayey siity grav aaper, rubber				D OF EXPLORAT		
M	B C		elly CLAY. Sa nd gravel size		lue sighty ck				EN		
SEL	Dime Moth 1.30 m Length 4.00 m		ly sandy grav rare plastic a		atrix of grey b I, 5% glassee						
đ	17 Jun 22		< brown slight and rootlets;		rising 55% m sh, 10% meta						
	WB		eeds over dar casional roots		NDFILL comp gments and a						
	Rig Crew	Legend	<u> </u>		75						
	avator I	Level		_			_				
	Equipr 360 Exca	Depth	(Thickness)	(1.40)	.40		(3.60)		5.00		
			ords								
	5.00m.	1 Tests	ех 								ć
	Method avated pit to t	Field								-	and and
	Machine exc		nept							_	
			Kecords								
	un 22	mples	v		~			~		_	
	Dates Jun 22 - 17,	, so	iype &	68	ű	ů	ä	ű		-	
Log	0 - 5.00 1			0.50	1.50	2.50	3:50	4.50	8		
Pit	200 200 200	te	un 22 090					ŝ	120	narks	
Tria	Check	Da	0		······	N	n	4	5	General Re	Notes

Datae		Mothood	E rui internant	Dia From	PREI		Donth Balatod Domesia	-		SOCOTEC
	Machine	Method e excavated pit to 4.80m.	Equipment 360 Excavator	Rig Crew Logger WB	20 Jun 22 Wrdth 1:3 Length 4.	Immensions and Orientation Depth Remarks 0 B C 0.00-4.80 No groundwa 00 B C 0.00-4.80 No groundwa 00 D 0.00-4.80 No groundwa	Depth Related Remarks er shcountered	Groun Coord Nation	Level lates I Grid Syste	Ę
		Field Tests	Depth Level	Legend	_	Strata Description			Water Entry	Backfill
			[peoplemin]	Weeds over a occasional ro	soft dark brown slightly sai oots and rootlets and rare g	dy very gravely CLAY. Gravel is sub-rounded for rounded fine to coar ravet-sized fragments of glass bottles, red brick and concrete. (MAD)	e of fint. With (GROUND)			
	A 1		(0:90)							
			06 0	LANDFILL co boulder). 15%	omprising. 50% Matrix: dar % Glass bottles and jars. 5	brown slify fine to coarse sand and gravel. 25% bricks and concrete % Plastic and paper. 5% metal.	ties (grave and			
			(1.50)							
			2.40 (0.20) 2.60	Firm to stiff or sub-rounded of UMDFILL on 10% plastic at	of film and ceramic bricks of film and ceramic bricks amontering. CoN. Mathin Cer	feit brown slightly sandy slightly gravely CLAY. Sand is fine to mediu (FILL) . 5% metal.	n. Gravel is angular to ordes and ceramic.			
			(1.40)							
			4.00	Light greyish.	l brown slightly sandy claye	y GRAVEL. Sand is fine to medium Gravel is sub-rounded to rounde	1 of flint. (STORM			
			(0.80)							
			4.80			END OF EXELON/TORY HOLE			4	08
						Stakility Parthy stable Shoing None Weather Sunny	Groundwater Eri No. Depth R	emarks	-	Sealed
	ioratory Hole Records. All in brackets in depth column	Project Princes 1. Project No. G2028- Carried out for BAM Ci	s Parade -22 onstruction Ltd			Status PRELIM	Scale 1:25 Printed 14 Jul 2022 09:09:38 © Copyright SOCOTEC UK Limited	Trial Pit ▲GS	TP213	
Į.										

SOCOTEC	F	ackfill								00	Sealed	
	Syster									5.0	_	
	evel tes Grid	Water Entry									_	
	Ground L Coordina National (
							liders					rial Pit
		Detail					concrete bou				tries Remarks	F
							Occasional				Depth F	
	Remarks 2.00-5.00m						2.50-4.50				Gro	
	ath Related ed apsed from 2		ine to		r, plastic					TS)		1:25
	Der er encounter partially coll		t to rounded 1		ic. 15% pape					AH DEPOSI		50
	emarks lo groundwat aces A and C	Description	sub-rounded E GROUND)		oricks, ceram					(STORM BE	ple	
	Septh R 0 - 5.00 N 0 - 5.00 F	Strata	m. Gravel is brick. (MADI		6 concrete, t					AVEL of flint.	Partially sta None Sunny	
	270 2.00 Deg)		fine to mediu cobble of red		LL) Iy SAND. 20 ⁶					to coarse GR DRY HOLE	Stability Shoring Weather	Status
	Drientation	Main	LAY. Sand is I sub-angular		im SAND. (Fi ty very grave					TOUNDED FINE		
M	B C C		ery gravelly (occasiona		fine to medi. wn slightly si					b-rounded to ENC		
ELI	Dimer dth 1.30 m ngth 3.80 m		thtly sandy wind rootlets an		r slightly silty trix: dark bro					dy clayey sul		
PR	Jun 22 Wr		ark brown slig tree roots al		ghtly gravell) ing. 60% Ma					ı slightly san		
	VB 21		s over soft da e of flint. With		ish brown sli FILL compris ass. 5% met					reyish browi		
	Crew Lo	pue	Weed		Yellow LAND and gl					Light	-	
	Rig C	el Lege									-	
	50 Excavator	th Lev Xness)		(0.85)	(0.10)		(4,00)			(0.05)		
	Ř	Dept			0.85					4.95	-	arada
		Records										Drince D
	it to 5.00m.	Field Tests Type									_	
	Method excavated p	epth									-	Projec
	Machine										_	
		Records										
	Jun 22	Samples & No.		F 0		ę	4	19	ø	7	_	
	0 Jun 22 - 2	Type	:	Ωű		<u>ш</u>	ш	ŭ	ш́		-	
Log	Depth 10 - 5.00	a Dept	9	0.50		1.50	2.50	3.50	4.50	5.00	4	
Pit	P P	te Timt Wate	un 22 13(un 22 15: In 22 080			in 22 100		narks	
rial	Checke	Dat	0		·····	21 Jr	N	ρ	4 13 25	2	Seneral Ren	lotes

COTEC											Sealed	
es es	System		Backfill							5.00		
		Weter	Entry								_	P218
	round Level oordinates ational Grid											Ë
	σσž											Pit
			Detail								es narks	CS-
											dwater Entri Depth Rei	
	Remarks										Grour No.	2022 09:09:35
	pth Related F ed.				%					fine to		le 1:25 ted 14 Jul 2
	De ater encounte	-		ts. (MADE GF	d concrete, 20 od.					ed tc rounded		S S S
	Remarks No groundw	ta Descriptio		astic fragmen	ular cotble an					is sub-round	stable	Σ
	Depth 0.00 - 5.00	Stra		n. oraverus s) glass and pl	and rare ang 5% other: asi					is fine. Grave	Partially None Sunny	PREL
	7 200 (Deg)		ų	ште ю песи ттт x 120mm	aveily SAND rusted metal,					y SILT. Sand i RATORY HOLE	Stability Shoring Weather	Status
	d Orientatio		Ma	ragments (60)	own clayey gr id paper, 5% i					gravelly claye END OF EXPLOI		
MI-	Imensions an D m B C		-	nd rare shell fr	k orangish bro ass, plastic an					andy slightly g		
REL	Di Width 1.30 Length 4.6			und rootlets at ind rootlets at	, matrix of dar crete, 10% gla					own slightly s		
đ	22 Jun 22		-	aark orown se	omprising 60% brick and con					ark greyish br nt.		
	WB		-	of flint with free with the flint wi	LANDFILL co ceramic, red					Firm to stiff d medium of fli		
	Rig Crew		Legend									
	pment		s)	6				ģ		(0)		
	360 E) 360 E)		Depth (Thicknes	(1.0	1.00			(3.6)		4.80 (0.2 5.00		de ction Ltd
			ecords							.Pa, r 43kPa		Princes Parac 32028-22 BAM Construe
	o 5.00m.	eld Tests	e e							/ p 103	_	o. ut for
	Method xcavated pit k	Ť	Typ							95 H	_	Project Project N Carried o
	Machine e.		Dep							4	_	ords. All pth column.
			Records									tory Hole Rec
	Jun 22	amples	k No.	- 0		n	4	μ	ω	~ ~	_	ey to Exploral ess given in t
	Dates 22 Jun 22 - 22	s	h Type	□ ₩	1	<u>а</u>	ш 	۳	ω Ξ	<u>م</u>	-	viations see K Stratum thickn
Log	Depth 00 - 5.00		er Dept	00 0.50		ă.	2.50	3.50	4.50	4.90	4	ols and abbre Is in metres. §
l Pit	ed ed	te	Wath	Jun 22 08						Jun 22 12(smarks	ttion of symbo reduced level
Tria	Check	Ö	0	8	-	N	***	е е		5	General Re	Notes For explana depths and

2									aled	
SOCOTE	E	Backfill							Sec	
	Syst	-7 er								19
	d Level inates al Grid	Wat								TP2
	Groun Coord									
										Trial Pit
		Per							ar Entries th Remarks	AGS
	9								Groundwat No. Dep	60:60:6
	ated Remark		and							:25 4 Jul 2022 09
	Depth Rel		s of red brick	a, 10% rustec		SIT)				Scale 1 Printed 1
	(s Indwater enc	iption	ad fragment	and concrete		EACH DEPO			ate winds	
	0 No grou	Strata Desci	angular to sui onal gravel si	eramic, brićk		L. (STORM E			ally Stable e iy and moder	ELIM
	Depth 0.00 - 4.5		n. Gravel is a and occasite	sAND, 15% c		arse GRAVE	щ		ly Parti g None er Sunr	PR
	tion 180 (Deg)	Main	tine to mediu to 50x80mm	te to coarse S		ded fine to co	PLORATORY HO		Stabili Shorin Weath	Status
	and Orients		AY. Sand is agments (up	ty gravelly fir		nded to round	END OF EX			
LIM	Dimensions .30 m B		ry gravelly Cl	lark brown sil		ayey sub-rou				
RE	Length		wn sandy ve s and rootlet	% matrix of c Japer, 5% oth		htty sandy cl				
L.	22 Jun 2	_	r soft dark brc ccasional roo DE GROUND DE GROUND	comprising 65 jass plastic, p		ish brown si <u>g</u>				
	Logger WB	_	Weeds ove flint. With or glass. (MAC	LANDFILL c metal, 5% g		Light orang				
	Rig Crew	Legend								
	pment cavator	Level s)	6		Q		ē			
	560 Evi	Depth (Thicknes	Ę	1.10	63	3.40	4.50			e tion Ltd
		scords								rinces Parad 32028-22 8AM Construc
	4.50m.	d Tests R								to a
	Method avated pit to	Fiel								Project Project No Carried ou
	Machine exc	Dept								ds. All h column.
		ecords								y Hole Recor
	1 22	o. R								to Explorator
	Dates un 22 - 22 Ju	Sam Tvpe & Ne	01 ES2	s S	ES 8	о С Ш	D7 ES6			ons see Key I tum thickness
od	din 4.50 22 J	Depth	0.50	1.50	2.50	ы Э	4 50 0			nd abbreviati metres. Strat
Pit L	0.00 -	Time Water	22 1300				1600		rks	of symbols a ced levels in
rial	Checked Approved	Date	2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		~	~	Sun		ineral Remai	rexplanation oths and redu
E.		1	-	*	- X	84 		Ψ)	Ge	P P P

SOCOTEC			ckfill											Sealed	
		System	Bac												
	/el	ġ	Water Entry											-	FP221
	Ground Lev Coordinate:	National Gr	-							th pungent smell with	to excavate				ial Pit
	larks ttion.		Detail							20 Becomes dark greyjsh black wi	.00 Becomes slightly more difficult			Groundwater Entries No. Depth Remarks	2 09:09:39
	Depth Related Rem encountered during excava			casional roots and	lass.,10% concrete,		rdstone. [FILL]	lass, 10% concrete,		ෆ Ľ	4	are sub-rounded to			Scale 1:25 Printed 14 Jul 202:
	Depth Remarks 00 - 5.00 No groundwater		Strata Description	ine to coarse of flint. With oc OUND]	SAND.,20% plastic, paper, g	ngular concrete boulder.	rounded fine to coarse of sa	SAND. 20% plastic, paper, g ngular concrete boulder.				Sand is fine to coarse with r		Partially Stable None Sunny	PRELIM
	0.1	125 Deg)		Inaded fi	lty gravelly \$	ular to sub-a	jula to sub-	sity gravelly ular to sub-a				e GRAVEL.	JRY HOLE	Stability Shoring Weather	Status
PRELIM	Logged Dimensions and Orientat 23 Jun 22	Weth 1.30 m B		r dark brown slightly sandy very gravely CLAY. Grave I rare gravel-sized fragments of glass, plastic and red	[Householt waste] 60% matrix daft, greyish brown alig	n, red bricks, 5% partially decomposed wood with mir	rey slightly gravelly silty fire to medium SAND. Gravel	Household wastej 60% matrix dark greyish trown alig n, red bricks, 5% partially decomposed wood with rare				ery signity sity sandy sub-rounded to rounded fine to bble of fint. (STORM BEACH DEPOSIT)	END OF EXPL		
	Crew Logger WB		end	Weeds ove rootlets and	PANDFILL	tarmacada	Greenish g	LANDFILL tarmacada				Greenish g rounded co		_	
	Rig C		el Lege											-	
	Equipment 360 Excavator		Depth Leve (Thickness)		(0.70) 0.70	(06:0)	1.60 (0.20)	1.80		(2.70)		4.50 (0.50)	5.00	_	ø
	-		sts Records												Princes Parado G2028-22
	Method excavated pit to 5.0m		Field Tes oth Type											-	Project Project No.
	Machine		Records		× 1									-	ory Hole Records. All rackets in depth column.
	Dates 22 - 23 Jun 22		Samples Type & No.		D1 ES2		ES3 D4		E S S	0 E		ES 7 D8		-	: see Key to Explorate thickness given in b
og	5.00 23 Jun		Depth		0.50		1.50		2.50	S		4.60			nd abbreviation: metres. Straturr
Trial Pit L	Checked Dep	Approved	Date Time Water	0 	·····			8	·····	م 	• • • • • • • • • • • • • • • • • • •			General Remarks	Notes For explanation of symbols ar depths and reduced levels in t

	őð					-		č	-	ď	ELIM						SOCOTEC
Depth Dates 0.00 - 5.00 23 Jun 22 - 23 Ju	Dates 33 Jun 22 - 23 Ju	In 2	2 Mact:	Method hine excavated	to 5.0m.		Equipment 360 Excavator	Rig Crew	WB	Logged 23 Jun 22	Dimensions and Orientation	Depth Remarks 0.00 - 5.00 No groundwater	Depth Related Rei encountered during excav	narks ation.	Ground Level Coordinates		
											retth 1.30 m B → 120 m + 120 m (Dege	(B			National Grid	S	stem
me Depth Typ	Typ	Sample e & No.	ts Records L	Depth	Field Tests Ype F	Records	Depth Level (Thickness)	Legend			Main	Strata Description	1	Detail		Water Entry	Backfill
200 0.50 0.50		D1 ES2					(0.85)	CON MARK	eds over darf rse of chert v	k brown slight with frequent n	sifty slightly sandy gravely CLAY Sand If it outs and rootest. With rare gravel sized frag to the gravel sized frag	fre to coarse. Gravel is sub-counded linents of glass, concrete and brick. (I	a rounded fine to ADE GROUND]				
							185	st P	VDFILL [Hous	sehold waste] metal.	00% Matrix, 15% plastic, paper, gass, 15%	concrete, brick, ceramic, 15% decaye	d wood frequent and).85-2.40 Matrix is reddish brown sligh o coarse SAND. Gravel is sub-rounde coarse of film with occasional sub-ang boulder of concrete.	rth clayey gravely fine of to rounded fine to jular cobble and		
1.50	-	ES3	,														
2,50	50.4°	ES 4												20-4 80 Matrix is dark greanish grey pavely sith fine to medium SNUD. Gr ounded fine to medium of fint.	to black slightly ravel is sub-rounded to		
93.5		ES					(G 6 5)										
4.50		ES6 D7					1.80 (0.20)	E C	nt brownish g ACH DEPOS	jrey sity slight si⊤j	/ sandy sub-rounded to rounded fine to coa	ise GRAVEL of fint. Sand is fine to m	dium. [STORM				
							00.9				END OF EXPLORATORY	HOLE					
											Sta Sho We	kility Partially stable bing None ether Sunny		Groundwater Entries No. Depth Remarks			Seale
bols and abbreviations els in metres. Stratum	viations	see Key to E thickness giv	xploratory Hole Records. All ien in brackets in depth columi	Project In. Project Carried	t : No. out for	Princes Parade G2028-22 BAM Construction	Ltd				Sta	tus PRELIM	Scale 1:25 Printed 14 Jul 200 © Copyright SOCO	2 09:09:40	TI S	7223	

SOCOTEC			ckfill								Sealed	
		System	Ba									_
	evel les Srid		Water Entry								_	TP224
	Ground Le Coordinat National G				ld waste							łt
			Detail		and househol						rks	Trial P
	temarks avation.				0.75-2.50 Frequent plastic						Groundwater Entries No. Depth Rema	■ 2022 09:09:40 ■ SOTEC UK Limited AG
	Depth Related R untered during exc			d fine to coarse . [MADE	ete, ceramic,				, 15% plastic, Isbh.			Scale 1:25 Printed 14 Jul 2 © Copyright SOC
	s ndwater enco		iption	ated to rounde int of red brick	s, 10% æncn				edium SAND gments and a			
	00 No grou		Strata Descr	I is sub-round is sized freque	c, paper, glas				ayey fine to m ayed wood fra		ally Stable s dy	ELIM
	Depth 0.00 - 5.(edium. Grave nts and grave	ID, 15% plast d ash.				sify sighty cl acadam, dec	DLE	lity Parti 19 Non-	° R
	tation	(Deg)	Main	is shell fragme	o coarse SAN fragments an				rown slightly s % other: tarm	XPLORATORY HC	Stabi Shori	Statu
RELIM	Dimensions and Orient	ength 3.60 m B A D		ity sandy very gravely CLAY. Sa and rootlets and plastic. With rare	brown slightly silly gravely fine to her: tarmacadam, decayed wood				eenish geyish mottled greyish b eramic, brick, 3% rusted metal, 2	END OF D		
ΡF	24 Jun 22			ark brown sligh asional roots a	atrix: orangish d metal, 2% ott				matrix dark gr 1% concrete, c.			
	WB			eeds over. Di flint. With occ ROUND]	indfill: 70% M ick, 3% ruste				NDFILL 70%			
	Rig Crew		Legend	< 50 <	<u>م د</u>				32		-	
	Equipment 360 Excavator		pth Level hickness)	(0.70)	0		(3.05)		5 (125)	2		g
					st 1) 0.7	st 1)	st 1)	st 1)		st 1) 5.(_	Parade 22 onstruction L
			ts Records		0.0 ppmv (Te	0.2 ppmv (Te	0.1 ppmv (Te	1.9 ppmv (Te		1.8 ppmv (Te		Princes G2028 BAM C
	od ed pit to 5.00n		Field Tes Type		Q	Q	0	0		Q 4	_	ject ject No. rried out for
	Meth chine excavat		Depth		0.60	1.50	550	90 10 10		4.50		All Pr
	Ma		Records		. A							atory Hole Records I brackets in depth co
	ates 24 Jun 22		Samples (pe & No.	Ĕ	ES2	ES 3	Ш 4	9 8		ES 6	-	ee Key to Explo
g	24 Jun 22		Jepth T	0.50	0.60	1.50	2.50	3.50		4.50	1	bbreviations s res. Stratum t
it Lo	Depth 0.00 - 5.00		Time Water L	0060						1100	-	/mbols and a
ial P	hecked	proved	Date	24 Jun 22						24 Jun 22	al Remarks	planation of signal
T	Ö	T	c	2			8	(n)	4	8	Gener	Notes For exi depths

SOCOTEC		tem	Backfill	3								Sealed	
		Sys	ter	-								-	26
	ind Level dinates		N I										TP2
	Grou		Detail				to sit-anniar israe bruider of					tries iem arks	Trial Pit
	ed Remarks excavation.						2 3h Frantiset annulis	concrete concrete				Groundwater En No. Depth F	5 Jul 2022 09:09:40
	Depth Relate ter encountered during		_	f flint. With frequent		. 10% Paper, Plastic,			flirt. With occasional				Scale 1:25 Printed 14.J
	Depth Remarks 0.00 - 5.00 No groundwa		Strata Description	to rounded fine to coarse c DUND]		morete, bricks and ceramic UNDJ			io rounded fine to coarse o			Partially Stable None Sunny	PRELIM
	0	325 (Deg)		sub-rounded i		sand. 25% Co [MADE GROI			sub-rounded t		ATORY HOLE	Stability Shoring Weather	Status
RELIM	Dimensions and Orientatio	Width 1:30 m B D Length 3.50 m	e X	htty sandy very gravelly CLAY. Gravel is gravel sized fragments of red brick, glas		rown sightly sith gravely fine to coarse etal. 5% Other: Decayed wood and ash			eş siştiriy siry cl.AY Graveli s d bird and concele. (MADE GROUND		END OF EXPLOI		
Ы	Logged 24 Jun 22			r dark brown slig ootlets with rare g		% Matrix: Dark bi le. 5% Rusted m			dark greenish gr 1 fragments of re				
	v Logger WB			Weeds ove roots and n		Landfill: 55 Glass, Cab			gravel size				
	Rig Crev		Legend										
	Equipment 360 Excavator		Depth Level (Thickness)		(1.00)	1.00	(2.20)		3.20	(1.80)	5.00	_	te tri
	.00m.		Tests Records		0.0 ppmv (Test 1)	0.0 moon (Taet 1)		0.0 ppmv (Test 1)	0.0 ppmv (Test 1)	0.0 ppmv (Test 1)			Princes Parac G2028-22 BAM Constru-
	Aethod avated pit to 5		Field	-	0 d		2	8	8	Q		-	Project Project No.
	Machine exc		Depth		0.50	140	2	2.50	90 19	4.50		-	ds. All h column.
	2	sampies	3s Records										:xploratory Hole Recon
	Dates n 22 - 24 Jun 2.		Sample Type & No.		D1 E82	Š		ES 4	о оч Ш	0 V W			ns see Key to E m thickness giv
og	fh 5.00 24 Ju.		Depth		0.45	50		2.50	09 92	4.50			nd abbreviatio metres. Stratu
Trial Pit Log	0.00 -		Time Water	22 1100							22 1400	rks	t of symbols a uced levels in
	Checked	Approved	Date	0 - 24 Jun		.	·····			4 	5 24 Jun	General Rema	Notes For explanatior depths and red

SOCOTEC			ckfill								Sealed	
		System	Bar								_	
	Level ates Grid	2	Water Entry								-	TP22
	Ground Coordin National					Iders		ngent smell				
			=			concrete bou	voolen fabric	black with pu				Trial Pit
			Deta			t sub-angular	t multi-colour	/ dark grey to		organic odour	r Entries h Remarks	ľ
	8 -					3.50 Frequen	3.50 Frequen	Becomes ver		5.00 Slightly	Groundwate No. Dept	109:40
	iated Remark			0 8		2.00-	2.50-	340		4.85-	_	25 4.14 2022 05
	Depth Rel ountered duri			MADE MADE	brick, and			rete, brick, al.		i occasional		Scale 1
	ks undwater enc		ription	ided to round . up to 0.5m. (5% concrete. % rusted met			VD, 15% con		se of flint with	rate winds	
	h Rema .00 Nogro		Strata Desc	el is sub-rour s and rootlets	arse SAND, 1 ents of ash, 5			arse silty SA tents of ash,		ed fine to coa	tially Stable he hry and mode	AFLIM
	Dept 0.00 - 5			medium. Grav Frequent roo	rrey fine to co i wood, fragm			velly fine to a 4 wood, fragm		lis sub-round HOLE	bility Pau ning Noi ather Sui	sti
	ntation	€ E E	Main	and is fine to the and glass.	y gravelly cla wool, decayee			ish brown gra wool, decaye		oarse. Grave EXPLORATORY	Sta Sho We	Sta
N	ons and Orier	A		velly CLAY. Si f brick, concre	ish brown ver other: fabric, v			nottled orang		nd is fine to c tic. END OF		
ELIN	Dimensio	n 1.30 m Bh 3.50 m		andy very gra	of dark orang bottles, 10% ,			of dark grey i bottles. 10%		GRAVEL Sa brick and plas		
PRI	lun 22	Width Leng		own slightly s a gravel sizeo	ç matrix 60% paper, glass			ç 60% matrix î, paper, glass		t of concrete,		
	gger Lo VB 27.			with occasion ND)	c, 10% plastic			c, 10% plastic		ark grey to bla sized frequen		
			end	Weeds of filmt GROL	Ceram			LAND		Very d gravel	-	
	Rig (vel Leg								-	
	Equipment 360 Excavato		pth Le hickness)	(0.75)	φ.	(2.65)		9	(1.45)	85 (0.15) 00		
			<u> </u>	est 1)	est 1) 0.		est 1)	3. ()	est 1)	4 <u>0</u>		s Parade -22
	Ë		sts Record	1.5 ppmv (T	0.2 ppmv (T		1.1 ppmv (T	0.0 ppmv (T	2.6 ppmv (T			Prince G2028
	ed pit to 5.00		Field Te: Type	Q	8		Da	8	Q		-	oject oject No.
	Met ichine excava		Depth	0.50	.50		2.50	in So	4.50			All Pr
	Ма		ords								-	lole Records.
	52		les Rec								_	Exploratory F iven in bracks
	Dates 1 22 - 27 Jun 2		Samp Type & No.	ES2	e S		ES 4	S E	ES 6		-	ns see Key to m thickness o
og	h 5.00 27 Ju.		Depth	0.45	.50		2.50	3.50	4.50			id abbreviation
Pit L	0.00 - 5		Time Water	0900						22 1200	ks	of symbols ar
rial	Checked	Approved	Date	24 JE	·····	~		ο.	4	27 Jun	ineral Remar	rtes rtexplanation oths and redu
											Q	ž Ľ

		iystem	Backfill						Sealed	
		5	Mater Entry						-	233 et1 of 1
	atics Ground Level ation. Coordinates National Grid		Detail		2.0-3.00 Occasional car tyres and plastic flagments				Groundwater Entries No. Depth Remarks	22 09:09:41 Trial Pit T2 TEC UK Limited AGS Shee
	Depth Remarks 0.00 - 5.00 No groundwater incountered during excav	(Deg)	Strata Description	b-brounded to nounced fire to coarse of init with accessional tell and rate sub-angular boulder of concrete [MADE	very sandy CLAY, 10% concrete. brick, ceramic, 15% glass, d fabric.	parely sandy CLAY. 10% concrete, brick, ceramic, 15% glass, d fabric.		WEL. With occesional gravel sized fragmants of glass and rost hole.	Stability Partially Stable Shoring None Weather Sumy and moderate winds	Status Status Scale 128 Printed 14.04.202 © Cognityft SOCO
PRELIM	Ig Crew Logger Logged Dimensions and Orientation WB 27 Jun 22 Weath 130 T	Length 3.40 m	egend Main	Dark bown words gravity CLAY. Sand is fine to coarse. Gravel is sufficient of the second and coasional gravel stard frequent of brick, concreational gravel star	LANDFILL comprising 65% matrix of cangeth brown slightly gravelly viewelly prevelly prevelly prevelly and the state of the	LANDFILL comprising 65% marinx of firm dark greenish gray slightly g paper, plastic, 5% decayed wood timber and aan, 5% rusted metal an		Dark grenish grey sandy sub-rounded to rounded fine to coarse GR- brick. Sand is fine to coarse [STORM BEACH DEPOSIT		
	Equipment Ri 360 Excavator		Depth Level L (Thickness)	(1 00)	100 (120)	220	(5.7.5)	4.95 5.00		n Ltd
	lethod vated pit lo 5.00m.		Field Tests Type Records	PID 0.3 ppmv (Test 1)	PD 10.3 pmv (Test 1)	PD 0.1 ppm (Test 1)	PD 8.8 ppmv (Test 1)	PD 1.7 ppmv (Test 1)		Project Princes Parade Project No. G2026-22 Carried out for BAM Construction
	Machine exca		s Records Depth	020	1.56	58	3.50	4.50		xploratory Hole Records. All en in brackets in depth column.
	Dates In 22 - 27 Jun 22		Sample Type & No.	D ES2	о У Ш	ES 4	9 9 11	о Ш		ons see Key to E um thickress giv
og.	- 5.00 27 Ju		Depth	0.50		2.50	<u>ي</u> ب	4.50		and abbreviatic n metres. Stratu
Trial Pit L	Checked 0.00	bevored	Date Time Water	27 Jun 22 1200	- 0	ه ۱۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰		27 Jun 22 1520	General Remarks	Notes For explanation of symbols depths and reduced levels i

	Ę	Backfill	88	Sealed	
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	l Level nates il Grid	Wate		_	TP2:
	Ground Coordii Nations				
	ck wall	a:			Trial Pit
	mposed of bri	Det	Tooles	er Entries th Remarks	AGS
	n. Face A co			Groundwate No. Dep	9:09:41 C UK Limited
	alated Remar			_	1:25 14 Jul 2022 0 ght SOCOTEC
	Depth R Icountered du		cobble and . (MADE E gueri arguit		Scale Printed © Copyri
	arks roundwater er rial.	scription	with occassional and gless	derate winds	
	2.50 Nog mate	Strata Des	Add is free to coarse. M accounts: M ndk, rusted m	nstable one unny and moo	RELIM
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Ν	B C C		lastb., glasse G indeed fine to Finvei -sized fine to EvD O		
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PR	Jun 22 Vid Vid		sub-rounded and condrated.		
	VB 28 VB 28		andy and a significant service and a signifi		
	Crew	gend	Barky Barawi GROU	<u>8</u>	
	RIG	svel Leç		of walls at 2.5	
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	ŕ	sts Record	T) vmgq 0.0 T) vmgq 0.0 T) vmgq 0.0	d. Termination	Prince G2028 BAM (
	ed pit to 2.50	Field Te: Type	<u>ଟ</u> ଟ	lese knotwee	oject oject No. ırried out for
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	Ma	ords		e to close prov	ole Records ts in depth co
	5	Rec		al position due	Exploratory H ven in bracke
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bo	.50 28 Jur	Depth	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	m othe East	d abbreviatior netres. Stratu
oit L	0.00 - 2	Time Water	2 080 10 10	sasset to 5.00r	of symbols an
rial F	Checked Approved	Date	82 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	neral Remark	tes explanation c iths and reduc
E I			- · · · · · · · · · · · · · · · · · · ·	B III	Poi de la

SOCOTEC		System	Backfill			2	9 9	Sealed	
		ъ	Water Entry						
	Ground Leve	Coordinates National Gri	Detail		ent angular cobble of red brick.			ter Entries pth Remarks	Trial Pit
	arks	G			30-1.70 Frequ			Groundwa No. De	
	Depth Related Rema	water encountered during excavati	lon	o coase of firth. With agdiat to sub-angular mm), (MADE GROUND) mm), (MADE GROUND)	16				Scale 1:25
	Depth Remarks	0.00 - 3.00 No ground	Strata Descript	dam and concrete. Rea a dam and concrete. Rea a tal bars (up to 50mm x 400 tal bars (up to 50mm x 400) tal bars (up to 50mm x 40mm x 400) tal bars (up to 50mm x 400) tal bar				Unstable None Sunny	
	5	162 (Deg)	ain	Gravel is such that are angular me e angular me			JAATORY HOLE	Stability Shoring Weather	Status
RELIM	Dimensions and Orients	Width 1.40 m B C C Length 3.20 m A		clargy GRAME. Sand is fine to coart st grave-lated fragments of slaup. gular large cobble-stated of time and			ය ප දි සි		
đ	ew Logger Logged WB 28 Jun 2			Dark from analysi signity cocasional roots and root cobble of concrete, rare a cobble of concrete, rare a				_	
	Rig Cr		I Leger					-	
	Equipment 360 Excavtor		Depth Leve (Thickness)		(3.00)		8 %		a
	00m.		fests Records	0.0 ppmv (Test 1)	0.0 ppmv (Test 1)	0.0 ppmv (Test 1)			Princes Parac
	athod /ated pit to 3.0		Field 7	8	0	Qid		-	Project
	M achine excav		Depth	02.00	1.50	2.50			F
	W		Records					• 3.00m.	
	Dates 22 - 26 Jun 22		Samples Type & No.	Es 2	е 9	ES 4		5 from 0.50m tc	
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Pit L	Dept 0.00 - 3.		Time Water	20 13 20		2 1400		ks ison: Due to c	
Trial	Checked	Approved	Date		N		بر مربق مربق مربق مربق مربق مربق مربق مر	General Remar Termination Re	Notes

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	evel tes Grid	Water Entry			TP240
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		=			Trial Pit
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	epth Re 0 - 3.00 No 0 - 1.50 Fa	Strata D	agents store and the angult fabric, of the a	Partly stable None Sunny	PRELIM
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IM	B A		to Sandy CLEA worm ally grave read brick, com UND) K, com		
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Ъ	Logged 29 Jun 22	1	Ture for cover sage preserved to the form of the form		
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	Rig Crew	Legend	55C 052		
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	Method xcavated pit to	oth Typ	£ 2		Project Project No Carried ou
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al Pit	yved	Date Tir Wa	1	temarks	nation of symb
Tria	Chec	-		5	Notes For explar depths and

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Field Tests Depth Level epth Type Records (Thickness)
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SOCOTEC	System	Backfill	en e	Sealed	
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		stail		8	Trial Pit
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	Depth Related Intered.		And Auto E Auto		Canla 4.75
	undwater encou	ription	tint (FILL)		
	apth Rema - 3.00 No gr	Strata Des	nim, dravel is su dror or dravel is su dror or ounded fin storundo storundo storundo fin film film film film film film film film	Stable None Sunny	
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	it to 3.00m.	Field Tests Voe F	ξ. 		-
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Tri	Che		666mmali – 6 – – – – – – – – – – – – – – – – –		Notes

Trial P	Dit	Log								Ы	RELIM								SOCOTEC
Checked Approved	0.0	Septh 0 - 3.00 30 Ju	Dates in 22 - 30 Jun 22	Machine	Method e excavated pit to 3.01	Ĕ	Equipment 360 Excavator	Rig Crew	Logger WB	Logged 30 Jun 22	Dimensions and Orientation Weth 0.00 B	0.01 (Deg)	epth Remarks 0-3.00 No groundwater 0-1.65 Face A collapse	Depth Related Re sncountered from 0.20-1.65. Faces A	marks B and C collapsed at 0.90m.	Za Cc	ound Level oordinates ttonal Grid	ŝ	ţe
Date	Timt	Depth	Samples Type & No.	D	Field Te Tepth Type	asts Records	Depth Level (Thickness)	Legend			Main		Strata Description		Deta		En	ter try	Backfill
0	2 080	9					(0.30)		Dark brown sli With frequent	ightly gravelly roots and root.	very sandy slity CLAY. Sand is fine to me lets. With rare gravel-sized fragments of	edium. Gravel is red brick, glass	sub-rounded for rounded fin and plastic. (MADE GROU)	D)					
		0.45 - 0.50	8				(0.80)		Light brown sl rounded to rou	lightly gravelly unded fine to m	sify fine to medium SAND. With rare gra nedium of flint. (FILL) (MADE GROUND)	ivel-sized fragm	ents of red brick and concre	e. Gravel is sub-					
.		1.00 1.00 - 1.10	8 D 8 D				1.10		LANDFILL cor sub-angular or 10% glass bot	mprising. 60% / obble-sized fra ttles, plastic, ca	Mathic dark brownish grey and oragnish gments of concrete and brick, 15% conc able, 5% others: ast, burnt wood.	i brown slity ven riete, brick, cera	gravely fine to coarse SAI mic, asbestos roofing shee	D. With occasional 10% rusted metal.					
8		2.00	0 4				(06.1)								1.10-1.75 Grayish brown sub-to nadum gravel of fint.	unded to rounded fin	9 9		
3 Jun 22	5 100	3.00 9	DS				30				END OF EXTLORA	ATORY HOLE							300
ا															L				
General Remarks	ø											Stability Shoring Weather	Unstable None Cloudy		Groundwater Entries No. Depth Remarks				Sealed
Notes For explanation of depths and reduce	if symbo	ls and abbreviatic s in metres. Strat	ans see Key to Exi um thickness give	ploratory Hole Records. All n in brackets in depth column	Project 1. Project No. Carried out for	Princes Parade G2028-22 r BAM Constructi	on Ltd					Status	PRELIM	Scale 1:25 Printed 14 Jul 20 © Copyright SOCC	22 09:09:42 DTEC UK Limited	Trial Pit	TP2	43 ₫1	

SOCOTEC	E	Backfill					8.		Sealed	
	Syste						ri 		_	4 -
	Level ates Grid	Water							_	TP24
	Ground Coordin National									
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			Detai						Entries Remarks	AGS
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	ad Remarks									5 Jul 2022 09:0 SOCOTEC U
	Depth Relate thered Mapsed.		ided fine to ID)	ium of flint.	0% ceramic,		unded fine to			scale 1:28 rinted 14 . © Copyright 3
	water encour	lon	unded to roui	d fine to med	a, red brick. 1		ounded to ro			01
	Remarks No ground Faces B a	ata Descripi	ivel is sub-ro concrete. (M	ed to rounde	10% concret		ravel is sub-		Stable	WI
	Depth 0.00 - 3.00 1.60 - 2.00	8	medium. Gr	is sub-round	arse SAND.		um SAND. G		Partially None Cloudy	PRE
	175 (Deg)		and is fine to cobble-sized	AND. Gravel	elly fine to ca		r fine to medi поrete. (MAC якатоку ноце		Stability Shoring Weather	Status
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MI-	mensions au m 0 m A		tly gravelly se rootlets, gra	' gravelly fine rete, red bric	brown grey s 5% rusted m		own slightly g			
REL	Di Width 0.90 Length 2.5		 brown sligh nal roots and 	prown slightly nents of conc	Matrix: dark burnt wood.		ad greyish br vel-sized fra			
đ	Logged 30 Jun 22		off to firm dark With occasio	rown and or h el-sizec fragn	nprising. 65% 10% ash and		Mith rare gra			
	WB		veeds over so oarse of flint.	ark greyish b Vith rare grav	ANDFILL cor lass, plastic.		ight yellowish barse of film			
	Rig Crew	Legend	5 0		<u>ם ר</u>		6 –		_	
	vator	Level								
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	v		ords							Hole Records ets in depth c
	52	se	292 						_	Exploratory F iven in brack
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Pit Lo	0.00 - 3.	Time	. 1000				1200		<i>"</i>	f symbols an ed levels in m
ial F	Checked	Date	30 Jun 22				30 Jun 22	·] · · · · · · · · · · · · · · · · · ·	aral Remarks	s xplanation of is and reduce
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APPENDIX 3

- Soil Chemistry
- Summary Spreadsheet

	IDOM ME	REBROOK	2015					1	IDOM MER	REBROOK 20)17					ID	OM MEREB	ROOK 2021	1				:	SOCOTEC 2	022																		
Consula Location	2015	2015	2015	2015	2015	2015	2015	2015	2017	2017	2017	2017	2017	2017	2017	2017 21	-12086 2	1-12074 21	1-12074 2	1-12074	21-11540	21-11540	21-12074	Socotec	70317	70207	TD212	70245	70310	70310	703104	70224	TD222	TD220	70220	TD333	70335						
Sample Location Depth	MTP1 0.30-0.40	0.20-0.40	MTP3 0.30-0.50	MTP5 0.40-0.60	MWS1 0.40-0.50	0.40-0.60	MW54 0.30-0.50	MW56 0.30-0.50	HP1 0.20-0.30	HP2 0.20-0.30	HP4 0.20-0.30	HP5 0.20-0.30	нрь 0.20-0.30	HP7 0.20-0.30 (нрв 0.20-0.30 (.20-0.30	0.3	0.3	0.4	0.3	0.40	030	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	COUNT	мах	MIN	AVERAGE	POS PARK No. > SL	
Determinand																																											
Arsenic	14	13	9.1	9.7	16	10	23	16	28	8.4	13	14	14	5.7	12	11	30	22	21	20	13	16	26	6.88 0.419	<.6	8.3	15.4	10.3	7.93	8.01	12.30	12.00	11.60	14.00	13.20	13.20	11.10	37	30	0.6	13.8	1/0 0 555 0	
Hexavalent Chromium	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.6	<.6	<.6	<.6	<.6	<.6	<.6	<.6	<.6	<.6	<.6	<.6	<.6	<.6	37	4	0.5	2.1	220 0	
Chromium	35	25	18	23	28	29	64	26	48	18	21	21	31	20	35	13	41	26	24	26	25	24	67	8.11	<.9	6.04	12.8	12.2	15.4	19.6	18.80	9.99	21.40	19.70	11.30	13.20	8.50	37	67	0.9	23.4	33000 0	
Lead	46 150	27 91	30 82	27	120 190	31 340	4 23	48 150	210 550	15 24	46 120	32	11 30	30 120	31 180	13 39	230	25 70	51 130	27 90	1/00	18	82 180	17.9 96.1	<1.4 12.7	13.7	33 108	25 80.7	82.8 66.6	15.3	15.50 45.00	22.30 91.30	14.60 52.40	14.60 44.80	24.20 96.00	23.80 86.90	20.70	37	550	1.4 12.7	81.2 111.7	44000 0 1300 0	
Mercury	1.3	0.3	0.3	0.3	0.5	0.5	0.3	0.3	5.6	0.3	0.9	0.3	0.3	2.1	0.3	0.3	1.1	0.21	0.36	0.43	0.19	0.14	0.35	<.1	<.1	<.1	<.1	<.1	<.1	<.1	<.1	<.1	<.1	<.1	<.1	<.1	<.1	37	5.6	0.1	0.5	240 0	
Nickel	24	25	18	23	44	20	52	26	51	14	21	18	23	17	17	12	33	28	24	26	24	19	29	25.8	0.396	11.1	22.2	25.2	27.7	19.9	18.30	17.10	17.10	18.50	18.90	18.10	23.40	37	52	0.396	23.0	800 0	
Zinc	150	130	120	120	2.2	1.9	66	370	7600	49	170	150	53	200	1 540	53	230	93	0.43 110	100	<.2 110	<.2 120	<.2 140	<1. 128	<1. 3.05	<1. 121	1.10	209	1.26	1.11	<1. 88.90	<1. 113.00	<1. 83.50	<1. 75.00	143.00	127.00	<1. 98.30	37	7600	3.05	339.9	170000 0	
pH	7.9	7.3	8	7.6	8.5	8.5	7.8	9	7.6	8	7.8	8	8	8.2	7.8	7.7	8.4	8	8.2	8.2	8.1	11.1	9	8.34	8.22	7.73	7.64	7.81	7.93	8.01	7.88	8.33	8.18	7.50	8.07	8.55	9.19	37	11.1	7.3	8.2	9 2	
Cyanide total	< 1.	< 1.	< 1.	< 1.	< 1.	< 2.	<1.	< 1.	2	< 1.	<1.	<1.	<1.	< 1.	< 1.	<1.	<.5	<.5	0.8	0.6	<.5	<.5	0.6	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	37	2	0.5	1.0		
Total Organic Carbon	3.2	4.5	2.1	3.0	1.0	< 2.7	Ŧ	2.5	5.7	3.3	o	5.5	1./	5.1	4	4.3	2.3	0.94	1.9	1.4	1.7	1.2	2.2	1.48	2.85	1.68	3.13	3.37	1.97	1.55	2.03	2.30	1.51	1.64	3.45	2.30	1.64	21	3.45	0.94	2.0		
Aliphatic C5-C6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	37	1	0.01	0.2	130000 0	
Aliphatic C6-C8 Aliphatic C8-C10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<1. <1	<1. <1	<1. <1	<1. <1	<1.	<1. <1	<1. 45	<.01 < 01	<.01 < 01	<.01 < 01	<.01	<.01 < 01	<.01 < 01	<.01 < 01	<.01 < 01	<.01 < 01	<.01 < 01	<.01 < 01	<.01	<.01	<.01	37 37	1 45	0.01	0.2	220000 0 18000 0	
Aliphatic C10-C12	1	1	1	1	1	1	1	1	4.6	4.2	3.4	3.3	4.8	3	1	2.3	<1.	<1.	<1.	<1.	<1.	<1.	33	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	37	33	1	2.4	23000 0	
Aliphatic C12-C16	2	2	2	2	2.2	3.6	2	2	11	12	12	11	11	7.7	2.9	7	<1.	<1.	<1.	<1.	<1.	<1.	31	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	37	31	1	3.9	25000 0	
Aliphatic C16-C21 Aliphatic C21-C35	8 52	8	8	8	8	11 51	8	8.2	8	8	8	8 27	8	8	8	8	<1.	<1. 14	<1. 46	<1. 61	<1. 25	13	30 44	<1. 17.9	2.18	1.51	2.99	1.29	2.83	2.66	1.08	1.94 14.60	<1. 12.80	2.60	1.69 24.30	1.39 22.50	<1. <1	37 37	30 65	1	5.5 24.2	480000 0 480000 0	
Aromatic C5-C7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<1.	<1.	<1.	<1.	<1.	<1.	27	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	37	27	0.01	0.9	84000 0	
Aromatic C7-C8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	<1.	<1.	<1.	<1.	<1.	<1.	30	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	37	30	0.01	1.0	95000 0	
Aromatic C8-C10 Aromatic C10-C12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1 6.1	0.1	0.1	0.1	<1.	<1. <1	<1.	<1.	<1. <1	<1. <1	35	<.01 <1	<.01 <1	<.01 <1	<.01 <1	<.01 <1	<.01 <1	<.01 <1	<.01 <1	<.01 <1	<.01 <1	<.01 <1	<.01 <1	<.01 <1	<.01 <1	37 37	35	0.01	1.2	8500 0 9700 0	
Aromatic C12-C16	2	2	2	2	28	30	2	22	4.3	8.7	16	11	11	6.1	5.2	5.4	<1.	<1.	25	<1.	<1.	<1.	49	<1.	<1.	<1.	<1.	4.05	<1.	<1.	<1.	10.2	<1.	<1.	<1.	<1.	<1.	37	49	1	7.1	10000 0	
Aromatic C16-C21	44	10	31	23	210	470	10	250	31	10	84	65	22	21	31	18	18	3.3	160	6.7	10	120	91	19.6	13.9	28.9	22.5	33.8	8.57	18.1	2.61	90.9	15.4	3.43	4.75	7.43	10.5	37	470	2.61	54.6	7700 0	
Aromatic C21-C35 Benzene	170	18	67 < 1.	47 < 1.	260	1200	12 < 1.	490 < 1.	33	10	100 < 1.	59 < 1.	20 < 1.	31 < 1.	49 < 1.	20 < 1.	190	15	430	31	73	570	360	95.1	//.4	129	102	66	60.3	81.8	20.9	224	55.7	27.2	36.2	55.9	48.4	37	1200	10	144.2	7800 0 100 0	
Ethylbenzene	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.																						16	1	1	1.0	22000 0	
Toluene	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.																						16	1	1	1.0	95000 0	
p & m-xylene o-xylene	< 1. < 1.	< 1. < 1.	< 1. < 1.	< 1. < 1.	< 1. < 1.	<1. <1.	<1. <1.	< 1. < 1.	< 1. < 1.	< 1. < 1.	<1. <1.	<1. <1.	< 1. < 1.	<1. <1.	< 1. < 1.	<1. <1.																						16 16	1	1	1.0	23000 0	
MTBE	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	< 1.	<1.	<1.	< 1.	< 1.	< 1.	< 1.																						16	1	1	1.0	-	
Naphthalene	0.05	0.05	0.13	0.07	0.85	0.59	0.05	0.24	0.2	0.05	0.36	0.26	0.13	0.18	0.05	0.05	<.1	0.86	1.6	<.1	<.1	0.23	1.3	0.0622	<.045	0.0609	<.045	0.024	0.708	<.045	0.0627	0.0847	<.045	0.0305	1.38	<.045	25.7	37	25.7	0.024	1.0	1900 0	
Acenaphthene	0.38	0.18	0.41	0.24	2.5	2.2	0.1	1.8	0.2	0.1	0.23	0.55	0.12	0.22	0.25	0.1	<.1	0.22	5.5 8.8	<.1	<.1	0.55	3.1	0.404	0.208	0.33	0.097	0.15	5.41	<.04	0.0582	0.625	0.246	0.174	8.46	<.04	76.6	37	76.6	0.025	3.9	30000 0	
Fluorene	0.17	0.1	0.24	0.1	2.8	2.5	0.1	2.6	0.21	0.1	0.27	0.65	0.29	0.1	0.1	0.1	<.1	0.16	11	<.1	<.1	0.16	5.3	0.118	0.112	0.229	0.158	0.0445	5.37	<.05	0.126	0.846	0.109	0.0342	12.8	0.0722	89.1	37	89.1	0.0342	3.7	20000 0	
Phenanthrene	2.2	1.1	2.6	2.2	28	30 6	0.21	21	4.1	0.32	4.5	10	2.9	1.2	1.9	0.35	2.8	1	95 27	1.7	1.7	1.7	34 11	2.17	1.68	3.44	2.45	0.631	40.7	0.81	1.94	15.9	1.3	0.42	83.6 21.3	1.06	1.98	37	95 27	0.21	11.0 3 1	6200 0 150000 0	
Fluoranthene	7.2	2.9	8.8	6.4	41	76	0.54	45	13	0.99	18	16	6.6	5.2	8.4	1.1	9.5	2.9	100	4.5	4.6	4.3	59	6.52	5.11	8.99	6.32	2.24	32.6	2.85	5.92	39.6	4.3	2.15	65.1	3.57	5.29	37	100	0.54	17.1	6300 0	
Pyrene	6.6	2.5	7.8	5.2	33	63	0.48	38	11	0.8	15	13	5.4	4.5	6.9	0.93	8.9	3	97	4.7	4.5	4.3	55	5.65	4.24	7.62	5.4	1.98	24.6	2.41	4.92	33.2	4.27	1.78	47.5	3.16	4.49	37	97	0.48	14.7	15000 0	
Benzo(a)anthracene Chrysene	3.5 4.4	1.4 1.6	5.9 4.4	3.3 2.9	21 17	41 33	0.27	24 18	7.2 5.9	0.52	11 7.5	8.1 6	3.7 2.4	4.1 2.4	5.4 3.3	0.56 0.47	4.5 5.2	1.8	57 50	2.8	2.5	2.4 3	25	3.12	2.16	3.92	2.62	0.955	9.59 7.63	1.19 1.15	2.75	18.1 15.2	2.21	0.942	24.2 18.4	1.74 1.75	2.93 2.71	37	57 50	0.27	8.5 7.3	56 1 110 0	
Benzo(b)fluoranthene	4.2	1.7	5.7	2.7	22	46	0.28	28	9.8	0.7	14	11	4.5	4.5	5.7	0.71	7.6	2.8	64	4.2	4	3.8	31	4.85	3.08	4.42	3.53	1.54	8.5	1.61	3.38	17.7	3.75	1.74	22.9	2.69	4.14	37	64	0.28	9.8	15 7	
Benzo(k)fluoranthene	3.4	0.82	4	2.5	9.6	20	0.15	9.1	4.3	0.4	7.3	4.9	1.5	2.2	2.9	0.42	3.9	1.1	26	1.6	1.9	1.8	12	1.91	1.22	1.9	1.49	0.707	3.73	0.702	1.4	8.11	1.33	0.678	9.3	1.03	1.64	37	26	0.15	4.2	410 0	
Indeno(1,2,3-c,d)pyrene	4.5 2.6	1.6 0.8	5.6 3.1	2.7	19	23	0.24	13	3.8	0.64	6.7	9.6 4.1	3.5 1.5	3.9	2.5	0.87	5.5 4.6	1.9	34	2.9	3 2.4	2.9	19	3.0b 3.14	2.25	4.05	2.87	1.11	0.64 4.75	1.35	2.96 2.61	11.3	3.24 2.76	1.37 1.39	10.7	1.7	3.03 2.41	37 37	50 34	0.24	7.9 5.2	12 8 170 0	
Dibenzo(a,h)anthracene	0.22	0.1	0.75	0.35	2	4.4	0.1	3	1	0.1	1.6	1.2	0.45	0.64	0.78	0.1	1.6	0.47	9.6	0.55	1.2	1.2	3.7	0.527	0.274	0.605	0.449	1.11	0.873	0.227	0.481	2.14	0.434	0.241	1.64	0.318	0.34	37	9.6	0.1	1.2	1.3 <mark>9</mark>	
Benzo(g,h,i)perylene	3.4	1.1	3.7	1.9	12	24	0.05	15	4.2	0.38	7.2	4.6	1.6	2	2.6	0.39	5	1.6	29	2	2.5	2.3	17	2.81	1.5	3.08	2.26	1.03	4.07	1.16	2.35	9.25	2.59	1.24	8.06	1.65	2.11	37	29	0.05	5.0	1500 0	
Phenol - Monohydric	43.5	< 15.8 1	< 54.2 1	< 33.1 1	230	< 411. 1	2.48	248	/3./	5.53	108	92.5	35.7	33.5 1	46.1 1	6.02 1	60 <.3	<.3	670 <.3	31 <.3	<32. <.3	31 <.3	330 <.3	38.9 <.01	26.4 <.01	46.7	33.7 <.01	13 <.01	167	12.3 <.01	32.7 <.01	195 <.01	29.1 <.01	13.4 <.01	352 <.01	21.4 <.01	31.9 <.01	37	670 1	2.48	98.1 0.5	- 690 0	
ACM Type			Amosite & chrysotile - insulation lagging & loose fibres		Amosite loose fibres	Chrysotile loose fibres		Chrysotile loose fibres				Chrysotile amosite - insulation lagging, loose fibres			Amosite - insulation lagging															Chrysotile fibre bundle in soil			Amosite loose fibres in soll										
Asbestos Identification Asbestos by Gravimetry			0.002		<0.001	-		-	NAD	NAD	NAD	0.035	NAD	NAD	0.003	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD		NAD	NAD		NAD	NAD	NAD	NAD						



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