Preliminary Risk Assessment & Geo-Environmental Assessment

651 - 664 Ajax Avenue, Slough Trading Estate

Presented to **Slough Trading Estate Limited**

Issued: June 2021

deltasimons

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Report Details

Client	Slough Trading Estate Limited
Report Title	Preliminary Risk Assessment & Geo-Environmental Assessment
Site Address	651-664 Ajax Avenue, Slough, SL1 4BG
Project No.	21-0205.01
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Quality Assurance

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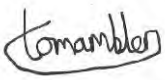
03	**Final**	**17/06/2021**				
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About us

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Executive Summary

Brief	Delta-Simons Environmental Consultants Limited ('Delta-Simons') was instructed by SEGRO on behalf of Slough Trading Estate Limited (the 'Client') to prepare a Preliminary Risk Assessment & Geo-Environmental Assessment for land at 651 – 664 Ajax Avenue, Slough Trading Estate (hereafter referred to as the 'Site'). It is understood that the proposed development will comprise the construction of three data centres with associated loading bays, carparking, and two open-air transformers. Delta-Simons have been informed by the Engineer, that the units will include multiple data hall levels. The purpose of this assessment is to identify the potential for land contamination issues to be present at the Site in the context of the proposed development. The investigation has obtained information regarding ground conditions, from which risks to end-users, the environment and structures have been assessed, with mitigation measures suggested where necessary. The investigation has also gathered geotechnical information to inform comment on the preliminary design of foundations and infrastructure.
Site Setting	The Site is currently occupied by thirteen commercial warehouses, both tenanted and untenanted and can be accessed from Ajax Avenue in the south. An active train line runs along the northern boundary, just off-Site. The Site is predominantly covered by hardstanding including service yards, parking and access roads with limited soft landscaping on the southern boundary of the Site, along the Ajax Avenue frontage.
Ground Conditions	The ground investigation typically recorded hardstanding to a maximum 0.75 m below ground level (bgl) across the Site which overlayed a variable thickness of Made Ground to a maximum depth of 1.2 m bgl. The underlying Langley Silt Member comprised silty sandy clay (Unproductive strata), beneath which was the Taplow Gravel Member, clayey sandy gravel (Principal aquifer) and the Lambeth Group clay, (Secondary A aquifer) to depth. During excavation, groundwater strikes varied within the Taplow Gravel and the Lambeth Group strata. Monitoring of standpipes indicates that resting groundwater levels within the Taplow Gravel Member generally fall towards the west of the site.
Land Contamination Assessment	<u>Human Health</u> Widespread significant contamination has not been identified at the Site. Localised, Polyaromatic Hydrocarbons soil contamination has been identified at a single location in the east side of Site (TP109). The laboratory results show that the contamination is confined within the shallow soils (0.5 m bgl) of the Made Ground. Corresponding testing undertaken within Made Ground deposits of nearby locations at similar depths and in these instances, laboratory results did not return any contaminants above relevant GAC, thereby suggesting the minor exceedances at TP109 (0.5 m bgl) are highly localised and not a contaminative feature of the Made Ground across the Site. Asbestos was identified in five of the forty-one samples screened for Asbestos. Positive Asbestos IDs were identified Site-wide, beneath the Site's hardstanding, albeit at concentrations <0.001 mg/kg. The main exposure pathway is direct contact, ingestion or inhalation of soil bound contaminants during or post redevelopment; Site-wide the risk posed to future site users is considered low as the development plans proposed retain the industrial use of the Site with hardstanding across the majority of the Site which would break any potential contaminant linkages to Site users.

	Controlled Waters No widespread contamination of groundwater was encountered during this investigation. No contaminant of concern was detected above laboratory detection limits and/or GAC. Given the absence of significant potentially mobile contamination sources, it is considered that no potential risk to controlled waters has been identified as part of this investigation and therefore no further action is required. Ground Gas Preliminary ground gas monitoring indicates the Site can be provisionally classified as CS1. Marginally elevated concentrations of carbon dioxide were recorded at CP105 (maximum 9.1% v/v), however no significant sources were identified and negligible flow rates were recorded therefore a CS1.
Geotechnical Assessment	Pad foundations are considered to be suitable for the proposed loads at the Site, provided they are founded within the dense Taplow Gravel Formation and at a minimum depth of 2.4m bgl. A bearing capacity of 400 kPa, limited to 25mm settlement is considered suitable for pad dimensions up to 4m by 4m and a bearing capacity of 320 kPa (limited to 25mm settlement) for pad dimensions up to 5m by 5m. Should localised areas of deeper Made Ground and Langley Silt (>3m bgl) be encountered during groundworks, localised over excavation/trench fill and/or deeper spread load foundations may be required. In principle, ground bearing floor slabs (70 m by 50 m) would be suitable for a floor load up to 35.0 kPa with less than 25 mm settlement, reducing to about one-quarter of that amount at the corners; provided that all existing foundations, other obstructions and all unsuitable Made Ground soils are removed, the formation is thoroughly proof rolled and any soft spots excavated and replaced with well compacted granular material. The groundwater across the Site is found at depths between 4.14 and 5.44 bgl (26.03 to 26.86 m AOD) Should groundworks encounter Taplow Gravel groundwater during deep excavations (>4m bgl), conventional techniques comprising the use of sump and pump construction are unlikely extract sufficient water volumes during the construction through the Taplow Gravels and any excavation would likely become overwhelmed. In order to permit the safe construction of deep excavations, alternative methods of reducing groundwater levels would need to be considered. Buried concrete within the Made Ground should be designed to be commensurate with a concrete design classification DS-2 AC-2 for soils and groundwater.
Recommendations	Based on the findings of this report, the following recommendations for supplementary works are made: A watching brief is recommended during construction works at 662 Ajax Avenue in the vicinity of the historical tanks.
This is intended as a summary only. Further detail and the limitations of the assessment are provided within the main body of the Report.	

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1.0 Introduction

1.1 Appointment

Delta-Simons Environmental Consultants Limited ("Delta-Simons") was instructed by SEGRO on behalf of Slough Trading Estate Limited (the "Client") to prepare a Preliminary Risk Assessment and Geo-Environmental Assessment for commercial properties located at 651 – 664 Ajax Avenue within the Slough Trading Estate (the "Site").

1.2 Context & Purpose

It is understood that the Site is to be developed into three data centres with associated loading bays, carparking, and two open-air transformers. Delta-Simons have been informed by the Engineer, that with multiple data hall levels, anticipated loads are expected to be up to 5,600 kN. Furthermore, it is anticipated that detailed information is required with respect to the desiccation status of shallow cohesive soils in the location of the small trees currently fronting Ajax Avenue (anticipated to be retained). A development plan is included as Drawing 1.

The aim of the study was to complete a Combined Preliminary Risk Assessment and Geo-Environmental Assessment report, including a Preliminary Risk Assessment and Generic Quantitative Risk Assessment- for the proposed development. The investigation has obtained information regarding ground conditions, from which risks to end-users, the environment and structures have been assessed, with mitigation measures suggested where necessary.

The investigation has also gathered geotechnical information to inform comment on the preliminary design of foundations and infrastructure. The report provides recommendations for further work (where appropriate) based on the findings of the investigation.

1.3 Scope of Works

The scope of the investigation and layout of this report has been designed with consideration of guidance on Land Contamination: Risk Management pages of the GOV.UK web pages, the relevant requirements of the National Planning Policy Framework 2019 (NPPF) (paragraphs 170 & 178-180)[1] and the Planning Practice Guidance (Land Affected by Contamination)[2].

The project was carried out to an agreed brief as set out in Delta-Simons' proposal dated 1st February 2021 (ref.21-0205.01). The scope of works is outlined in Section 4.2.1.

Specific sections of this report may generally follow guidance set out in Eurocode 7 for a Ground Investigation Report (GIR), as defined in BS EN 1997-1:2004 and BS EN 1997-2:2007. Eurocode 7 includes specific guidance on the number and spacing of investigation positions, methods of investigation and sample quality to be achieved which may not have been met by this investigation. The report also includes information which may support a Geotechnical Design Report (GDR) as defined in BS EN 1997-1:2004; however, unless otherwise explicitly stated, the investigation has not been undertaken in accordance with Eurocode 7 and the preliminary geotechnical interpretation, assessments, risk register and recommendations presented within this report may not meet the full requirements of a GDR.

1.4 Existing Information

The following information has been used within the Assessment:

- Current and Historical Ordnance Survey (OS) maps;
- British Geological Survey (BGS) data;
- Environment Agency (EA) online data;
- Coal Authority (CA) online data;

[1] https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/810197/NPPF_Feb_2019_revised.pdf
[2] https://www.gov.uk/guidance/land-affected-by-contamination

- A Landmark Envirocheck Report for the Site (Ref. 273983024_1_1) dated February 2021;
- Historical Maps included as part of the Envirocheck Report;
- Third-Party Reports; and,
- Information provided by Slough Borough Council.

1.5 Limitations

The assessment is limited to the issues agreed within the proposal for the works. Notes on limitations associated with this assessment are provided in Appendix A. In addition, there are the following specific limitations that apply to this assessment:

- At the time of the Ground Investigation, 662 Ajax Avenue's external yard area, the location of two historical tanks, was full of parked and moving motor vehicles, therefore, an intrusive position could not safely be positioned within this area. Access to the internal areas of 664 Ajax Avenue was not made available, therefore the soils beneath the floor slab at this property were unable to be investigated. Given the soils beneath properties at 651 – 657 Ajax Avenue have been investigated, this is not considered to significantly affect the conclusions and recommendations of the report.
- During monitoring Round 3, six boreholes (CP101, DS101, DS105, DS112, DS114 and DS115) were not monitored due to restricted access on to Site. Given the high number of monitoring positions that were accessible for each of the 4 rounds, this is not considered to significantly affect the conclusions and recommendations of the Bulk Ground Gas Risk Assessment. Notwithstanding this, the six boreholes were subjected to an additional round of monitoring, undertaken on 22nd April 2021.

2.0 Site Details & Preliminary Risk Assessment

2.1 Site Setting

A summary of the current Site status, environmental setting and key historical features is presented below.

Co-ordinates	Centred approximately at National Grid Reference 495960, 180770		**Elevation**	30.76 – 32.08 m AOD
			Area	2.15 Ha
Site Location	The Site is located within the Slough Trading Estate and approximately 1.5km north of the M4 and 1.7 km northwest from Slough Town Centre. A Site location map is provided as Figure 1.			
Current Site Use	The Site is currently occupied by several commercial warehouses and can be accessed from Ajax Avenue in the south. A row of thirteen warehouses run east to west across the Site. An active train line runs along the northern boundary, just off-Site beyond a tree line. The Site is predominantly covered by hardstanding including service yards, parking and access roads, there is limited soft landscaping on the southern boundary of the Site, along the Ajax Avenue frontage. A small irregular parcel of soft landscaping is also located in the external yard at 657 Ajax Avenue, the location of a former pylon base. The Site is occupied by tenanted and non-tenanted warehouses, units 651- 658 and 664 are currently untenanted and units 659-663 are currently tenanted with the following occupancies: 659 Ajax Avenue – occupied by a beauty supply/distribution warehouse; 660 Ajax Avenue – occupied by a water treatment and filtration specialist, comprising workshop and yard space; 661 Ajax Avenue - occupied by a metal finishing workshop; 662 Ajax Avenue – occupied by motor vehicle/collision repair workshop; and 663 Ajax Avenue – occupation unknown.			
Surrounding Area	**North**	An active railway line runs east to west adjacent to the Site boundary, the railway line itself is raised above the surrounding ground level. Beyond which are light industrial and commercial units including car mechanic and detailing stores, used car dealerships and bakeries.		
	East	Warehouse units and used car dealerships are east of the Site beyond which the A355 runs approximately north to south. Residential areas are located approximately 0.3km and 0.4km to the south-east and east respectively. A laundrette located approximately 56m east of the Site.		
	South	Data centres (Cyxtera), packaging manufacturers (Selig) and several other light industrial and commercial units are located to the south of the Site.		
	West	A food service warehouse and car dealership are located to the west of the Site, beyond which Leigh Road runs approximately north to south.		
Proposed Development	It is understood that the proposed development will comprise the construction of three data centres with associated loading bays, carparking, and two open-air transformers. Delta-Simons have been informed by the Engineer, that the units will include multiple			

	data hall levels. Furthermore, it is understood that are number of the small trees currently fronting Ajax Avenue are anticipated to be retained as part of the development.
Site Reconnaissance	Delta-Simons conducted a Site visit on the 8th March 2021. A series of Site photographs are presented as Appendix B, and pertinent information that was observed or reported on-Site is summarised as follows: ▲ Units 651-658 and 664 were untenanted at the time of the Site reconnaissance, with limited storage of wastes remaining in warehouses; ▲ A number of paints tins and tools was observed at in Unit 665 associated with historic commercial/industrial activity; ▲ No fly-tipping was observed on Site and it appears that the majority of waste associated with previous ownership in the now untenanted areas had been removed off-Site; ▲ Demolition has not commenced at the Site, however, conversations with the Demolition Contractor suggest demolition of the untenanted warehouses will commence soon, no specific dates were made known; ▲ Apart from the Ajax Avenue frontage and a small irregular parcel of soft landscaping is also located in the external yard of Unit 657 the Site's external areas (access routes, yard areas) were generally laid to concrete or tarmacadam; ▲ No above or below ground storage tanks were observed at the Site. The two historical tanks identified in historical mapping at Unit 662 were not observed during the walkover; ▲ The untenanted warehouses accessed at the Site generally all comprised similar layouts, with carpeted office and commercial space in the front of the properties, fronting Ajax Avenue, and large open warehouse space (laid to concrete) to the rear of the properties; ▲ At unit 660, an unknown outbuilding (a possible electric substation/ storage feature) was identified adjacent to the property and two large cylindrical 'ovens,' understood to be used for water treatment, were located to the rear of the property. It is worth noting that the outbuilding was not accessed during the site walkover/ investigation. In addition, a number of LPG canisters were stored at the property within locked metal cages and several empty drums were noted in the same location; and, ▲ No Japanese Knotweed was observed during the walkover.

2.2 Environmental Setting

Published Geology	From published British Geological Survey mapping (1:50,000 Sheet Number 255, Beaconsfield), the Site is indicated as being underlain by superficial deposits of the Langley Silt Member comprising clay and silt which in turn is underlain by the Taplow Gravel Member comprising sand and gravel. The underlying bedrock of the Lambeth Group also comprises clay and silt. It is understood that beneath the Lambeth Group the Seaford and Newhaven Chalk Formations is at depth. Given the current development, Made Ground is likely to be present overlying the Langley Silt Member on Site.
Specific Ground Conditions	With reference to BGS online borehole data, the nearest borehole to the Site (ref: SU98SE364) at approximately 200m north-east of the Site corresponds to a water well advanced for Aeroserve MSP Ltd. The borehole was drilled to 100m below ground level (bgl) for water abstraction purposes and the ground conditions encountered were as follows:

	▲ Sand and Gravel (understood to represent the Taplow Gravel Member) and Silts and Clays (understood to represent the Lambeth Group) to 19m bgl; ▲ Chalk (understood to represent multiple chalk Formations at depth). A borehole advanced 450m south of the Site (Borehole Reference: SU98SE202), the following ground conditions were encountered 450m south of Site: ▲ Made Ground from Ground level (GL) to 0.50m bgl noted as concrete over clay and gravel base course; ▲ Taplow Gravel from 0.50m to 5.76m bgl noted as very dense fine medium coarse occasionally cobbly angular to rounded flint GRAVEL with coarse sand; ▲ Reading Beds from 5.76 to 15.5m bgl (final depth) noted as very stiff mottles orange, reddy brown, buff and blue/grey silty waxy CLAY with occasional fine limestone and flint fragments. Water was encountered at 5.80 m bgl within this borehole, resting at 4.50m bgl. Investigations carried out by WSP 30 m southwest of the Site on plot 642-643 Ajax Avenue, Slough (Dated July 2007) found the following ground conditions: ▲ Topsoil comprising of grass-covered slightly clayey gravelly sand with rootlets GL to 0.30 m bgl; ▲ Concrete GL to 0.20 m bgl; ▲ Made Ground: Generally encountered as a brown gravelly sand fill with gravel of brick, concrete and flint. Occasional firm dark brown clay fill or firm red-brown gravelly clay (reworked Langley Silt) were also encountered 0.15 m bgl – 0.70 m bgl; ▲ Langley Silt: Soft to firm red-brown CLAY 0.30 m bgl to 1.4 m bgl; ▲ Taplow Gravel: Orange/brown sandy GRAVEL with flint cobbles, occasionally clayey and with lenses of gravelly sandy CLAY, particularly at shallower depths 0.80 m bgl– 6.80 m bgl; and ▲ Lambeth Group: Red-brown mottled grey CLAY. Occasionally encountered as a brown-grey CLAY (6.00 m bgl to base).
Hydrogeology	The EA classify the superficial deposits of the Langley Silt as unproductive strata and the Taplow Gravel Member is classified as a Principal Aquifer. The Bedrock of the Lambeth Group is classified as a Secondary A Aquifer and the Seaford and Newhaven Chalk is classified as a Principal Aquifer. The EA data also indicates that the Site is within a Zone 2 (Outer Protection Zone) and Zone 3 (Total Catchment) groundwater Source Protection Zone (likely to be associated with the Principal Chalk Aquifer). According to the Envirocheck Report, there are nine licensed abstraction records from groundwater located within 1 km of the Site. Three records are related to Aeroserve Euro Limited for laundry use corresponding to two licences, five are related to Unilever Uk Limited and Sara Lee households & Pers'L Care for non-evaporative cooling, general cooling and spray irrigation purposes all corresponding to the same licence. The sixth licence is related to Equinix (UK) Ltd for evaporative cooling. The available BGS borehole information, Reference: SU98SE202 located 450m south of the Site) indicated a groundwater strike at 5.80m bgl. During the ground investigation carried out by WSP at 642-643 Ajax Avenue dated July 2007, groundwater was recorded between 3.45m to 3.84m bgl (or 26.56 – 26.71 m AOD) within the Taplow Gravels.

Hydrology	The nearest surface water feature is a small ponded area marked as an Outfall located approximately 132 m to the east of the Site. According to the Envirocheck Report, there are no licensed abstraction records from surface water located within 500 m of the Site.
Coal Mining	Reference to the Coal Authority on-line viewer indicates that the Site is not with a Coal Mining Reporting Area and is not within a Development High Risk Area. Consequently, a Coal Mining Risk Assessment (CMRA) is unlikely to be required under the planning regime.
Radon Gas	The Site lies within an area where less than 1% of homes are above the National Radiological Protection Board (NRPB) recommended "action level" for radon. National Geoscience Information Service indicates that no radon protective measures are necessary in the construction of new buildings at the Site.
Ecological Receptors	It is understood from information provided within the Envirocheck® Report, there are no statutory ecological receptors located within 1,000 m of the Site.
Heritage Interest	According to magic.defra.gov.uk, the closest area of heritage interest is located approximately 276m north-west of the Site associated with a Grade II Listed former bridge, now used as a cycle path.
Environmental Sensitivity	The Site is considered to be of a low to moderate environmental sensitivity given the high permeability and classification of the Taplow Gravel Member as a Principal Aquifer and the industrial use of the Site and surrounding area, although records show no ecological receptors in the vicinity of the Site. The significant thickness of the predominantly cohesive Lambeth Group is considered to protect the underlying Principal Chalk Aquifer.

2.3 Historical Use of the Site & Surrounding Area

Approach	The historical development of the Site and surrounding area has been assessed through a review of available historical OS maps and available online historical satellite imagery. A summary of the key historical Site uses and developments in the surrounding area is presented below. Copies of pertinent historical maps are included as Appendix C.
Historical Features On-Site	The earliest available map of 1876 shows the railway line currently adjacent to the northern boundary of the Site present in the north of the Site. By 1899 the line appears to have marginally extended to the north and by 1924 to 1925 additional lines and railway sidings have been constructed to the north of the Site. With the exception of the railway line, the Site itself appeared to have been undeveloped with the exception of access tracks to adjacent off-Site sports grounds, until 1955. By 1955 roads had been constructed on the Site with an electricity pylon noted in the centre of the Site and a pond in the south-east, it is unclear whether buildings were present on Site until 1961. In 1961, the outline of thirteen units were shown to be on-Site, four denoted as factories and one as a warehouse, the remainder are unmarked – This layout matches the current building footprint. By 1969 to 1974, the easternmost buildings on-Site are marked as a factory (outermost building) and an engineering works, square structures marked as tanks are visible adjacent to the north and east walls of the latter building (662 Ajax Avenue). Westwards, the following two units are marked as works, possibly 'electro plate works' and the following two units as engineering works. The remaining three units are noted as depots and a warehouse.. It appears as though no changes to the building footprint has been

	made since 1969. From historical mapping, the tanks remain marked on mapping circa 1995, later to that it is unclear whether the tanks identified at 662 Ajax Avenue have been removed, decommissioned or remain in-situ at the Site.
Potentially Contaminative Historical Features Off-Site	Potential sources of contamination within 500 m of the Site include: ▲ Railway line and sidings trending east to west, adjacent to the northern Site boundary circa1876 to present; ▲ Large extension to railway sidings in 1924 approximately 50m north of the Site, later removed (in part) in 1973; ▲ A clay pit at approximately 300m south-east of the Site marked on mapping from circa 1900 to 1913; ▲ A gravel pit approximately 200m south of Site (north of the clay pit) marked on mapping circa 1924, no longer present by 1932; ▲ A sewage works approximately 190m north east of Site from circa 1926, no longer present by 1938; ▲ Mapping of 1932 shows numerous works described as engineering, glass, milling and chemical works at approximately 50 to 150m from the Site in all directions, including within the Slough Trading Estate area to the north-west; ▲ An electrical engineering works at approximately 300m to the east of the Site circa 1932, no longer present by 1961; ▲ Works and tanks marked at approximately 300m north-west of the Site circa 1938, no longer present by 1961; and ▲ 1955 significant expansion of 'works' within a 200m radius of Site, the majority of which remain marked on mapping until circa 1977 to 1986, although many are noted as warehouses.

2.4 Environmental Database Review

Approach	The Landmark Envirocheck® Report provides a database of environmental information held by various statutory bodies including the EA, Local Authority (LA), Health & Safety Executive (HSE) and Public Health England amongst others. A full copy of the Envirocheck® Report is provided in Appendix D and the most relevant information is summarised below.
Features On-Site	The Landmark Envirocheck® Report lists that there are seven Contemporary Trade Directory Entries for works on Site, both Active and Inactive. Active entries relate to a car body repair shop and enamelling works Inactive entries include car repair shops, engineering works, joinery manufacturing, hot foil stamping and cash register handling.
Potentially Contaminative Features Off-Site	Pertinent entries included within the Landmark Envirocheck® Report located within 100 m from the Site include eleven active and inactive Contemporary Trade Directory Entries associated with engineering machine services, blast cleaning, painters, car mechanics, laundries and laundrettes. There are no current BGS, LA and EA registered landfill sites on or within 500 m of the Site. A Historic Landfill Site (Galvin and Thirkleby Road) is located 180m south of the Site that accepted Deposited Waste included Inert, Industrial and Commercial Waste, there is an additional Historic Landfill Site of the same name with the same waste acceptance located at 381m south of the Site, opposite the first on the other side of Bath Road. The Historic Landfill Sites occupy the area of the historic gravel pit and clay pit respectively.

	A Licensed Waste Management Facility (Greener World Recycling Centre) located 244 m south of the Site that accepted HCI Waste TS + treatment. Its licenced status is Revoked.
Implications for Land Contamination Risk	*Potential sources of contamination identified at the Site or Off-Site from the regulatory information will be discussed in the Conceptual Site Model in Section 3.*

2.5 Planning Review/Regulatory Enquiries

On-line Planning Portal	Slough Borough Council	**Date Accessed**	26/02/2021
Findings	There are two planning application associated with units 656 and 658 within the Site boundary. P/13940/000 and P/13940/000(002)(A) is associated with Unit 656 planning permission approved for a change of building use to a martial arts studio. Approved 6th July 2007. P/05856/001 is associated with Unit 658 installing a rolling shutter door on the existing property. Approved 10th December 2014. No further planning applications have been identified for the Site at the Slough Borough Council Planning Portal. Copies of the pertinent information is appended as Appendix E.		
Part 2A of the Environmental Protection Act (EPA) 1990	The Contaminated Land Officer (CLO) has been contacted and has confirmed that the Site has been identified as a low risk site and is not currently considered a priority site for further investigation under Part IIA of the Environmental Protection Act 1990. The Environmental Enquiry Report indicates that there have been no Disused Tank Registry entries for the Site, including 662 Ajax Avenue, therefore the tanks identified in historical mapping may remain on-Site. The Environmental Enquiry Report identified the nature of the historic landfill located 180 m south of the Site, with the Galvin and Thirkleby Road Landfill known to have been filled with industrial waste in the 1970s (page 62). The landfill is understood to have formerly comprised smaller scale gravel pits in the 1920s and infilled in the 1930s. The Environmental Enquiry Report states that with reference to 'The Slough Estates Railway' (1989) documents the site to have been a tank park during the Second World War. The Environmental Search Report is appended as Appendix F.		

2.6 Previous Reports Review

List of Reports	Delta-Simons has obtained the following reports relating to the immediate areas around the Site: ▲ WSP: Phase II Geo-Environmental Assessment 631-634 Ajax Avenue, Slough Estates January 2006; ▲ WSP: Phase I & II Geo-Environmental Assessment 635 Ajax Avenue, Slough, Slough Trading Estate Limited. Dated February 2011(Ref: 12041885);

	▲ WSP: Phase I & II Geo-Environmental Assessment 640 - 641 Ajax Avenue, Slough, Slough Trading Estate Limited. Dated February 2011(Ref: 12041885); ▲ WSP: Phase I & II Geo-Environmental Risk Assessment 642-643 Ajax Avenue, Slough. Dated July 2017 (Ref: 12041204/001); ▲ WSP: Asbestos Survey Report (Type 2) 651/652 Ajax Avenue, Slough Trading Estate, Slough, Berkshire Slough Estates Plc. (Ref: 35211445/1098); ▲ WSP: Asbestos Survey Report (Type 3) 656 Ajax Avenue, Slough Trading Estate, Slough, Berkshire Slough Estates Plc. (Ref: 35212668); and, ▲ WSP: Supplementary Phase II Geotechnical Assessment: 665 & 670 Ajax Avenue, Slough Trading Estate Ltd August 2011 (Ref: 00023014/0001)
Key Findings – Environmental	*On-Site* ▲ **Asbestos Survey Report (Type 2) 651/652 Ajax Avenue, Slough Trading Estate, Slough, Berkshire Slough Estates Plc. (Ref: 35211445/1098);** The presence of ACMs were identified as part of this investigation and identified the duty holder's statutory obligation to implement a management plan to control the associated risks. *The following ACMs were identified at the Site:* • Cement found at exterior – warehouse – corrugated pitched cement roof; and, • Braided Insulation Warehouse – skylights – suspected rope seal to skylights. ▲ **Asbestos Survey Report (Type 3) 656 Ajax Avenue, Slough Trading Estate, Slough, Berkshire Slough Estates Plc. (Ref: 35212668);** The following ACMs were identified and presumed at the site: • Asbestos braided insulation; • Asbestos Cement; • Thermoplastic floor tiles; • Bitumen adhesive to floor covering; • Asbestos paper covering to insulating boards; and, • Compressed Asbestos Fibre (CAF) gaskets. *Off-Site* ▲ **WSP: Phase II Geo-Environmental Assessment 631-634 Ajax Avenue, Slough Estates January 2006;** *Purpose of the Report:* To provide geo-environmental support for the proposed demolition of buildings onsite and subsequent redevelopment at the Site, involving the construction of one large light industrial unit. *Ground Conditions:* Made Ground overlying the Langley Silt Member, Taplow Gravel Formation and the Lambeth Group. Groundwater was monitored at about 5 m bgl. *The following conclusions were pertained from the report:* • Protection for Current User - No specific measures were considered necessary at the time of reporting; • Construction / Maintenance Workers - Construction workers or maintenance staff involved in excavation/redevelopment works at the site were considered to be possibly exposed to latent contamination within the soils at the site;

- Ground gas - Elevated concentrations of carbon dioxide were recorded during monitoring. However, the presence of ground gas was not considered to be a significant issue due to lack of ground gas flow;
- Contamination of Controlled Waters - The results of the groundwater analysis undertaken indicated that there were elevated concentrations of chlorinated solvents and TPH present in the groundwater and these were considered to present a potentially significant risk to the controlled waters within the Taplow Gravels beneath the site.
- Ground Contamination - The results of the laboratory analysis and assessment of the results recorded that all the metal, inorganic and organic determinands analysed from samples taken from beneath the site were below their respective Tier 1 screening guideline values, and did not present a significant risk to the future commercial/industrial users of the site.

▲ **WSP: Phase I & II Geo-Environmental Assessment 635 Ajax Avenue, Slough, Slough Trading Estate Limited. Dated February 2011(Ref: 12041885);**

Purpose of the Report: To undertake a Phase I and II Geo-Environmental Assessment to support the proposed development at the site, which was to include the demolition of existing structures and the construction of a single new warehouse structure.

Ground Conditions: Made Ground to a maximum depth of 1.4 m bgl, underlain by the Langley Silt Member to 2.04 m bgl and the Taplow Gravel Formation. The Thickness of the Taplow Gravel was not determined.

This report included an intrusive Site investigation and preliminary geotechnical review that identified the following:

- Laboratory testing identified soil conditions in the Made Ground to be alkaline (pH of 8.18 to 10.51) and water-soluble sulphate concentrations ranged between 160mg/l and 1320mg/l.
- The two highest results have a mean value of 880mg/l indicating a design sulphate class for the soil conditions of DS-2. The sample with 1320mg/l sulphate concentrations was taken from above the second concrete slab encountered in TP104, and thus may not have represented the final Made Ground conditions at the site after demolition.
- Arsenic and selenium concentrations above the relevant WQS GAC were encountered in the groundwater of BH101. Additionally, concentrations of TPH in the groundwater sampled from BH102 were found to be elevated above the published solubility levels, and thus there was considered to be a possibility that Light Non Aqueous Phase Liquid (LNAPL) was present on the groundwater within the Taplow Gravel in the south-east of the site at the time of the investigation. However, these levels were less than the relevant WQS, and again, no free-phase product was observed within the groundwater during monitoring.

▲ **WSP: Phase I & II Geo-Environmental Assessment 640 - 641 Ajax Avenue, Slough, Slough Trading Estate Limited. Dated February 2011(Ref: 12041885);**

Purpose of the Report: To undertake a Phase I and II Geo-Environmental Assessment to highlight environmental considerations, predominantly with respect to ground conditions, relevant to the Site. It does not appear that this report was commissioned in support of on-site development.

Ground Conditions: Variable Made Ground to a maximum depth of 2.0 m bgl, underlain by the Taplow Gravel Formation to 5.10 m, comprising silty fine to medium Gravel, and the Lambeth Group generally comprising sandy silty Clay. The Thickness of the Lambeth was not determined.

	The following contamination was identified at the site during the investigation: • Ground Investigations identified TPH-contaminated soils and groundwater on-Site; • Contaminated stormwater flooding from apparently blocked surface water drains; • Direct discharge from soakaways; • Leaching from contaminated Made Ground; • The possibility of off-Site sources contributing to contamination of the groundwater were not discounted; and • The recommendations of the report are centred entirely around maintenance and upkeep of the surface water drains. ▲ **WSP: Phase I & II Geo-Environmental Risk Assessment 642-643 Ajax Avenue, Slough. Dated July 2017 (Ref: 12041204/001);** *Purpose of the Report:* To undertake a Phase I and II Geo-Environmental Assessment to support the proposed development at the site, which was to include the construction of a detached 2 – 3 storeys combined light industrial/office unit. *Ground Conditions:* Made Ground to a maximum depth of 0.8 m bgl, underlain by the Langley Silt Member to 1.00 m bgl and the Taplow Gravel Formation to 5.60 m bgl. The Thickness of the underlying Lambeth Group was not determined. *The following conclusions were pertained from the report:* • Concentrations of TPH in groundwater were detected across the site marginally exceeding the Tier 1 Screening Value in all four samples; • Concentrations of all other groundwater contaminants assessed were recorded below the relevant tier 1 screening values; and • No environmental recommendations were present in the report. ▲ **WSP: Supplementary Phase II Geotechnical Assessment: 665 & 670 Ajax Avenue, Slough Trading Estate Ltd August 2011 (Ref: 00023014/0001).** *Purpose of the Report:* To undertake a supplementary Geotechnical Assessment comprising eight trial pits (TP01 to TP08) to provide further geotechnical data in support of the construction of two single storey warehouse/industrial units at the site. *Ground Conditions:* Made Ground underlain by the Langley Silt Member to 1.75 m bgl, which in turn is underlain by Taplow Gravel. Made Ground was encountered as concrete or tarmac hardstanding (underlain by a sandy gravel sub-base) or a gravelly clay to a maximum depth of 0.90m bgl. Brickearth generally comprised a firm, orange brown, slightly gravelly clay and extended to a maximum depth of 2.25m bgl. The Taplow Gravels generally comprised clayey gravel overlying a band of gravelly sand which became more-gravelly with depth. *This report included site investigation and geotechnical assessment and identified the following:* • A shallow foundation solution of pad footings founded within the Langley Silt Member was recommended for the site; • Previous investigations have monitored groundwater at between 3.41m and 4.27m bgl. All trial pits in the present investigation were observed to be dry. • The ground bearing floor slab was advised to be constructed off natural undisturbed strata, or the characteristics of any Made Ground established in the design investigation.

	• The formation should be inspected and any areas of Made Ground removed and replaced with well compacted granular fill. Likewise, any soft, loose or organic material found at formation level should be removed and replaced with a suitable granular material. The formation should be proof rolled. • Assuming the proposed development adopts current site levels, access roads and hardstanding and car parking areas were advised to be constructed off the cohesive Made Ground or natural strata across the site. • Due to the variable near surface ground conditions, a design CBR value of less than 3% was advised. The 2007 CBR values in the cohesive Made Ground within this part of the site were low, typically less than 1%. • The sub-grade CBR can be affected by seasonal weather variations and can reduce in periods of heavy rainfall. Therefore, it was recommended that during construction of all new pavements the exposed subgrade should not be allowed to become wet and soften. This can be achieved by providing adequate construction drainage to direct surface water away from the subgrade and minimising the length of time for which the subgrade is exposed.

3.0 Preliminary Conceptual Site Model

A Conceptual Site Model (CSM) represents the relationships between contaminant sources, pathways and receptors, to support the identification and assessment of Possible Contaminant Linkages (PPL).

3.1 Potential Contamination Sources

Identified potential contamination sources are presented in the following table:

Reference	Source	Location	Dates Present	Potential Associated Contaminants of Concern
S1	Potential on-Site Made Ground deposits	Site-Wide	Post 1876 to present	Asbestos, heavy metals, PAHs
S2	Unknown outbuilding (possible electric sub-station/ storage feature)	660 Ajax Avenue	Unknown to present	PCBs
S3	On-Site historical tanks	662 Ajax Avenue	1969 to potentially present	Petroleum hydrocarbons, PAHs, metals and metalloids, VOCs and SVOCs.
S4	Historical uses of the Site including, as a tank park, engineering (and other) works, factory, depot and historical electricity pylon located in the centre of the Site	Site - Wide	1961 to 1993	Petroleum hydrocarbons, Asbestos, PAHs, metals and metalloids, VOCs and SVOCs.
S5	Off-Site railway line and associated sidings	Adjacent to northern boundary	1876 to present	Heavy metals, petroleum hydrocarbons and PAHs.
S6	Off-Site sources of contamination including historical works buildings, sewage works, gravel and clay pits and modern surrounding up-hydraulic gradient land uses including laundrettes, car mechanics and manufacturers.	Surrounding the Site	1900's to present	Petroleum hydrocarbons, PAHs, metals and metalloids, VOCs and SVOCs.
S7	Historic Galvin & Thirkleby Road Landfill	180m south	1930's to 1970's	Hazardous Ground Gases

* Based on UK Department of the Environment Industry Profiles

3.2 Potential Receptors

Relevant potential receptors are considered to include:

- R1 - Construction workers.
- R2 - Third parties during construction (adjacent Site users and adjacent residents).
- R3 - Future Site users and maintenance workers.
- R4 - The underlying Principal aquifer (Taplow Gravel Member).
- R5 - The Built Environment (new buildings and infrastructure / utilities).

The nearest surface water feature is an Outfall located approximately 132 m to the east and is not considered to be a plausible receptor given its distance from the Site and the abundance of intervening light industrial uses.

Given the largely cohesive nature of the Lambeth Group, which overlies the Principal Chalk Aquifer, the Chalk is not considered a potential receptor.

3.3 Potential Pathways

The potential pathways are considered to be as follows:

- P1 - Direct contact, ingestion or inhalation of soil bound contaminants / dust during or following redevelopment.
- P2 - Inhalation of organic vapours associated with contamination.
- P3 - Migration of ground gas / vapours into on-site buildings causing asphyxiation or risk of explosion.
- P4 - Leaching of contamination into groundwater followed by migration of groundwater to the wider groundwater environment or discharge to surface waters.
- P5 - Direct contact between aggressive ground conditions and new infrastructure.

3.4 Preliminary Risk Assessment

The following table presents the Preliminary Risk Assessment which has formed the basis for the ground investigation works.

Contaminant Linkage Assessment					
Source(s)	**Pathway(s)**	**Receptor(s)**	**Risk Rating**	**Justification & Mitigation (if required)**	**Requires Investigation**
S1 Potential on-Site Made Ground Deposits	P1, P2, P3, P4, P5	R1, R2, R3, R4, R5	**Moderate Risk**	Given the development of the Site in the 1960s, it is likely that there are Made Ground deposits on-Site which may represent a source of contamination. Previous investigations undertaken on-Site at 651-652 and 656 Ajax Avenue have identified suspected Asbestos bound cement and lagging on-Site, therefore it is possible that ACMs are also present in shallow Made Ground soils. A ground investigation will help to clarify the condition of the Made Ground soils with regard to ACMs and help to identify safe working procedures in accordance with the risks posed to construction workers and future site users. Monitoring and sampling of the shallow soils will help to clarify the risks posed to controlled waters from sources of contamination in the Made Ground (if present). The risk posed to future residents and the risk posed by hazardous ground gases is considered moderate as the composition of the Made Ground and it's putrescible content is largely unknown though likely limited in extent, as previous WSP assessments adjacent to the Site encountered limited Made Ground to a maximum depth of 0.9m bgl. The risk posed to construction workers and off-Site human receptors during the redevelopment of the Site is considered low to moderate as safe working procedures should be implemented, good standards of personal hygiene should be observed and appropriate levels of personal protective equipment (PPE) provided and utilised to reduce the potential risks. There is considered to be a plausible contaminant linkage between potential Made Ground on-Site and the underlying shallow aquifer. Though, contamination sources are largely historical the level and extent of contamination (if present) can be assessed through a ground investigation at the Site and subsequent groundwater sampling.	Y
S2 Unknown outbuilding (possible electric sub-station/ storage feature)	P1, P2, P4	R1, R2, R3, R4	**Low to Moderate Risk**	Given it is unclear when the unknown outbuilding (possible electric sub-station/ storage feature) at 660 Ajax Avenue was constructed and the utilisation of PCBs surrounding its use - a contaminant associated with electric sub-stations built before 1976 - it would be prudent to investigate the area in the vicinity of the unknown outbuilding and undertake confirmatory sampling of the surrounding soils.	Y

S3 On-Site Historical Tanks near Unit 662	P1, P2, P3, P4	R1, R2, R3, R4	**Moderate Risk**	On-Site historical tanks are recorded on mapping from 1969, their continued presence on-Site, nature and use are unknown, as such , it would be prudent to carry out an intrusive investigation in the near the north and east of 662 Ajax Avenue, corresponding with the historical records. In order to assess the level and extent of contamination (if present), specifically mobile contaminants, TPH, PAHs and VOCs, associated with the use of the historical tanks. Subsequent groundwater monitoring and sampling of the Taplow Gravel Member across the Site will seek to understand the risk posed to the Principal Aquifer. Groundwater sampling and ground gas monitoring will seek to clarify the risk posed to the future Site users in the context of the proposed development.	Y
S4 Historical uses of the Site including, as a tank park, engineering (and other) works, factory, depot and the historical electricity pylon located in the centre of the Site	P1, P2, P3, P4, P5	R1, R2, R3, R4, R5	**Moderate Risk**	Possible ACMs may have been present within former buildings on-Site associated with historical engineering works. As such, there is potential for possible ACMs to be present within shallow Made Ground. ACMs are considered likely to be present within the matrix of the Made Ground at the Site, given the historical development of the Site in the 1960s. A ground investigation will help to clarify the condition of the Made Ground soils with regard to ACMs, and help to identify safe working procedures in accordance with the risks posed to construction workers and future site users. In addition, various aerosols, adhesives, paint, solvents, petrols and diesels would likely have been stored on-Site as part of the historical engineering works. Contamination associated with use, storage and disposal of such chemicals may have had an impact on the Site's shallow soils due to incorrect use or improper maintenance or storage. It is recommended a ground investigation is undertaken Site-wide with subsequent testing across a suite of contaminants to assess the level and extent of contamination across the Site.	Y
S5 Off-Site railway Line and associated sidings	P1, P2, P3, P4	R1, R2, R3, R4, R5	**Low to Moderate Risk**	It is considered that the adjacent railway line may represent a source of contaminants associated with railway processes, such as coal, fuels, oils and waste products. As part of the ground investigation it would be considered prudent to position some intrusive positions along the Site's northern Site boundary, to investigate the Site's Made Ground in the vicinity of the railway line and sidings.	Y

S6 Off-Site sources of contamination including historical works buildings, sewage works, gravel and clay pits and modern surrounding up-hydraulic gradient land uses including laundrettes, car mechanics and manufacturers.	P1, P2, P3, P4	R1, R2, R3, R4, R5	**Low to moderate Risk**	The potential migration of mobile contaminants and hazardous ground gases from nearby off-Site sources is likely to be limited due to the distance from Site and lateral migration may be hindered by the underlying the Langley Silt (cohesive) strata. However, the potential presence of hazardous gases and the contaminative levels of the underlying aquifer can be assessed through a ground investigation at the Site and subsequent groundwater sampling and ground gas monitoring.	Y
S7 Historic Galvin & Thirkleby Road Landfill	P1, P2, P3, P4	R1, R2, R3, R4, R5	**Low to Moderate Risk**	The potential migration of hazardous ground gases from nearby off-Site sources is likely to be limited due to the distance from Site. However, heterogeneous granular Made Ground deposits and the permeable Taplow Gravel Formation and may present a preferential pathway for ground gases. It is recommended that ground gas monitoring is undertaken on-Site to determine the ground gas regime on-Site.	Y

Risk ratings are based on the classifications given in Appendix G.

4.0 Ground Investigation

4.1 Intrusive Investigation

Delta-Simons carried out intrusive investigation work from 8th to 15th March 2021 to assess the potential linkages identified in the outline conceptual model (see Section 3.0 above) and to provide geotechnical information.

4.1.1 Health & Safety Considerations

Service plans for the site were provided by the client; and a utilities clearance specialist attended the site on 8th and 9th March to trace services on and around the site prior to excavation of exploratory hole locations.

An initial assessment of the Site identified a Low risk in relation to Unexploded Ordnance (UXO) therefore no specific precautionary measures were required for the works.

Future Contractors should undertake their own assessment of UXO risk in relation to their specific proposed scope of works.

4.2 Scope of Ground Investigation and Rationale

4.2.1 Scope

The ground investigation comprised the following items:

- Initial service avoidance exercise carried out on the 8th and 9th of March 2021;
- Supervision of all works by a Delta-Simons Geo-Environmental engineer. All intrusive locations were logged to BS 5930:2015+A1:2020 Code of Practice for Site Investigations;
- Excavation of 10 trial pits (TP101 to TP110) to a maximum depth of 3.3 m bgl;
- Excavation of four soakaway trial pits (SA101-SA104) to complete four BRE365 compliant soakaway tests;
- Drilling of sixteen dynamic sampler holes (DS101-DS116) to a maximum depth of 3.7 m bgl (due to refusal on Taplow Gravel);
- Drilling of five Cable Percussive Boreholes (CP101 to CP105) to a maximum depth of 15 m bgl; and,
- Completion of eight Mexe cone CBR cone penetrometer California Bearing Ratio tests (CBR) tests.

4.2.2 Rationale

Location	Rationale	Key Contaminants of Concern
DS101 – DS116	To determine the depth to the competent Kempton Park Gravel for geotechnical purposes. To facilitate the site-wide investigation of shallow Made Ground soils. To facilitate the Ground Gas monitoring programme.	Asbestos, Petroleum Hydrocarbons, PAH, VOCs, Metals and Metalloids and Hazardous Ground Gas
CP101 – CP105	To provide good coverage across the Site and to determine depths to the Taplow Gravel Formation and the Lambeth Group and understand the groundwater flow at the Site. To provide geotechnical information for the proposed development. To facilitate groundwater sampling from the water bearing Taplow Gravel Formation and identify Site-specific groundwater contaminant concentrations.	Asbestos, Hydrocarbons, PAH, VOCs, PCBs Groundwater contamination Hazardous Ground Gas

Location	Rationale	Key Contaminants of Concern
	To facilitate the Ground Gas monitoring programme. CP104 was positioned adjacent to the unknown outbuilding (possible electric sub-station/ storage feature) to allow for specific contamination testing (PCBs).	
TP101 – TP110	To facilitate the site-wide investigation of the Made Ground matrices.	Asbestos, Hydrocarbons, PAH, VOCs
TP106	To try and determine any existing foundations from a historic pylon towards the central northern part of the Site (657 Ajax Avenue) for geotechnical and costing purposes.	Geotechnical Information
SA101 – SA104	To position BRE365 compliant soakaway testing in the proposed parking areas for the Site. To facilitate the site-wide investigation of the Site's Made Ground.	Asbestos, Hydrocarbons, PAH, VOCs
DS101, DS105, DS114, DS115 and TP101, TP103, TP105 and TP107	To investigate the Made Ground beneath the existing floor slabs within the unoccupied properties.	Asbestos, Hydrocarbons, PAH, VOCs

Please note: At the time of the Ground Investigation, 662 Ajax Avenue's external yard area, the location of two historical tanks, was full of parked and moving motor vehicles, therefore, an intrusive position could not safely be positioned within this area.

4.3 Ground Investigation Factual Data

The investigation locations were surveyed in by the appointed surveying contractor to an accuracy of approximately +/- 0.1m. Five locations that were positioned in internal locations were unable to be surveyed using GPS field equipment due to the limitations associated with such equipment, in lieu of this 12 figure grid references were attained on-Site using gridreferencefinder.com, based upon visual identification of reference points. An intrusive exploratory hole location plan is presented as Figure 2.

Delta-Simons engineer verified borehole logs are presented as Appendix H, the SPT Calibration Certificates, in accordance with *BS EN ISO 22476-3:2005 (incorporating corrigendum No. 1 2007), Geotechnical investigation and testing - Field testing - Part 3: Standard penetration test for SPT trip hammers* are provided in Appendix H.

4.4 In-Situ Testing and Sampling

SPT tests were undertaken in all boreholes at 1.00 m intervals until 5.00 m bgl, then every 1.5 m bgl thereafter, unless within cohesive strata where the SPT tests were alternated with U100 tests. The results of these tests are presented in the borehole logs included as Appendix H. Corrected SPT values are shown in Figure 3.

California bearing ratio (CBR) was measured using a Mexe cone CBR cone penetrometer at eight locations to determine the approximate CBR value for the Langley Silt Member.

The results of the Mexe cone penetrometer test results are shown on the borehole and trial pit logs presented in Appendix H and presented in Section 6.3.

Sampling comprised disturbed tub, bulk bags and jar samples as detailed on the borehole logs.

4.5 Geotechnical Laboratory Testing

A selection of soil samples were submitted to the UKAS accredited laboratory for a range of geotechnical testing, the results of which are included in Appendix I.

The programme of geotechnical testing undertaken on samples obtained from the natural soils is presented within the table below. The purpose of the laboratory testing was to assess the classification properties of the soils encountered in order to inform the outline geotechnical design advice.

Analysis	No. Tested	Rationale
Moisture content	34	To enable geotechnical assessment of cohesive soils
Plastic and liquid limits	28	To enable geotechnical assessment of cohesive soils
Particle size distribution	12	To enable geotechnical assessment of granular soils
Triaxial Sheer Strength	7	To enable laboratory derived undrained shear strength values of cohesive soils (Lambeth Group)

4.6 Environmental Sampling, In-Situ Testing and Laboratory Analysis

Soils collected for laboratory analysis were placed in a variety of containers appropriate to the anticipated testing suite. Samples were stored in accordance with Delta-Simons' quality procedures to maintain sample integrity and preservation and to minimise the chance of cross contamination. Records of the samples taken as part of the site investigation works, including their depths and location, are included within the exploratory hole records in Appendix H.

One groundwater sample was collected from each of the five cable percussive boreholes on 25th March 2021. The groundwater samples were collected using a low-flow sampling technique using a peristaltic pump and dedicated suitable tubing.

Samples analysed for environmental purposes were placed in chilled cool boxes on site and transported to the laboratory for analysis on completion of the site investigation works/groundwater sampling visit.

The rationale for chemical analysis is presented in the table below and the results of the chemical laboratory testing are included in Appendix J and K.

Analytes	No. of Samples Tested		Rationale
	Soil	Ground-water	
Asbestos	41	-	Common potential contaminant, - Analysed in all samples of Made Ground.
pH, As, Cd, Cu, Cr, Hg, Pb, Ni, Zn,	35	5	Potential contaminants of concern, common to many sites.
Speciated Polycyclic Aromatic Hydrocarbons (PAH)	41	5	Potential contaminants of concern, common to many sites.
Total Petroleum Hydrocarbons, Criteria Working Group Method (TPHCWG), Benzene, Toluene, Ethylbenzene and Xylene (BTEX)	35	5	Analysis to identify and target any hydrocarbon sources and the extent of contamination.
Volatile and Semi-Volatile Organic Compounds (VOC and SVOC)	33	5	Targeting specific identified areas of concern in preliminary CSM and observations of potential contamination during fieldworks.
Polychlorinated Biphenyls (PCB)	3	-	To assess the presence of PCB associated with the unknown outbuilding (possible electrical sub-station/ storage feature) at CP104.

Analytes	No. of Samples Tested		Rationale
	Soil	Ground-water	
BRE SD 1 Suite *pH, Total Sulphur, Acid soluble sulphate, Water soluble sulphate* [1] Groundwater analysed for pH and Sulphate only.	35	5[1]	To assess potential for chemical attack on buried concrete.
Total Organic Carbon (TOC)	6	-	To allow comparison of potentially elevated contaminants against their relevant assessment criteria.

4.7 Monitoring Programme

Four rounds of groundwater level and ground gas monitoring were undertaken on newly installed wells (CP101-CP105 and DS101-DS116) between 25th March and 15th April 2021. Measurements of the depth to groundwater within the monitoring wells were taken using an electronic dip meter. The groundwater level monitoring sheets are included as Appendix L. Where six boreholes (CP101, DS101, DS105, DS112, DS114 and DS115) were inaccessible during the Round 3 monitoring visit, these boreholes have been monitored on a supplementary visit undertaken on Thursday 22nd April.

To characterise the ground gas regime at the site, an infrared gas meter was used to measure gas flow, concentrations of carbon dioxide (CO_2), methane (CH_4) and oxygen (O_2) in percentage by volume. Initial and steady state concentrations were recorded. The atmospheric pressure before and during monitoring, together with the weather conditions, was recorded. All monitoring results obtained to date together with the temporal conditions are contained within Appendix L.

5.0 Ground Summary

5.1 Introduction

The sections below summarise the ground and groundwater conditions encountered during the site investigation.

5.2 Ground Model

A summary of the observed ground conditions at the Site is provided below.

Summary of Observed Ground Conditions				
Strata	**Typical Strata Description**	**Depth Range of Strata Base (m)**	**Maximum Proven Thickness (m)**	**Comments**
Concrete/ Tarmac	Concrete or Tarmacadam in areas of hard standing, Topsoil along the Ajax Avenue frontage	*0.05 – 0.75*	*0.75 at TP101*	*Topsoil encountered at HP101 – HP105 along Ajax Avenue frontage.*
Made Ground	Grey to brown sandy clayey GRAVEL. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick, concrete and flint.	*0.16 – 1.20*	*0.9 at DS103*	
Langley Silt Member	Soft brown sandy silty CLAY. Sand is fine to medium. *Occasionally gravelly*. Gravel is angular to subangular fine to coarse of flint.	*1.4 - 3.0*	*2.5 at CP104*	*Base proven in DS101-D116 and CP101-CP105*
Taplow Gravel Member	Dense to very dense brown, orangish brown and black sandy slightly clayey subangular to subrounded fine to coarse GRAVEL of flint. Sand is fine to medium. *Lenses of sandy gravelly CLAY, particularly at shallower depths, at the Langley Silt – Taplow Gravel interface.*	*5.8 – 7.8*	*5.5 at CP101*	*Depth of strata base shallower at CP105 (5.8 m bgl) in the east of the Site.* *Base proven in CP101-CP105.*
Lambeth Group	Firm to stiff brown and grey slightly sandy CLAY with occasional partings of clayey SAND.	*~Unproven*	*>9.2*	*Base unproven*

Inferred geological sections are presented as Figures 4a, 4b, 4c & 4d (the lines of which are shown on Figure 2). 2D contour plots of the base of Made Ground and the base of the Langley Silt (depth to Taplow Gravel) are presented as Figures 5a and 5b respectively.

Based on the Delta-Simons on-Site boreholes, the top of Taplow Gravel Member has been encountered on-Site at a range between 29.854 and 28.027 m AOD.

5.3 Visual and Olfactory Evidence of Contamination - Soils

Some visual or olfactory evidence of contamination was noted during the Ground Investigation; however, this was limited to the Made Ground soils.

Exploratory Hole	Visual or Olfactory Evidence of Contamination (mm)		Stratum	Comments
	Min	Max.		
DS110	0.25	0.6	Made Ground	Slight hydrocarbon odour
DS111	0.2	0.4	Made Ground	Slight hydrocarbon odour
DS111	0.4	0.7	Made Ground	Slight hydrocarbon odour

5.4 Groundwater

5.4.1 Strikes During Investigations

Groundwater strikes recorded as excavation progressed during the site investigation range from 6 to 11.4m bgl (25.67 to 19.6m AOD). Groundwater was not encountered in any trial pit or dynamic sampler boreholes. The groundwater strikes during drilling are summarised below.

Exploratory Hole	Water strike during drilling (m bgl)	Water strike during drilling (m AOD)	Stratum	Comment
CP101	6	25.64	Taplow Gravel	Medium Flow Rate – groundwater rose to 4.40 m bgl after 20 minutes.
CP101	8.7	22.94	Lambeth Group	Medium Flow Rate – groundwater rose to 7.50 m bgl after 20 minutes.
CP102	6.4	25.07	Taplow Gravel	Medium Flow Rate – groundwater rose to 4.90 m bgl after 20 minutes.
CP102	9	22.47	Lambeth Group	Medium Flow Rate – groundwater rose to 4.40 m bgl after 20 minutes.
CP103	6.2	25.19	Taplow Gravel	Medium Flow Rate – groundwater rose to 5.50 m bgl after 20 minutes.
CP103	9.8	21.59	Lambeth Group	Medium Flow Rate – groundwater rose to 7.00 m bgl after 20 minutes.
CP104	6	25.03	Taplow Gravel	Medium Flow Rate – groundwater rose to 5.00 m bgl after 20 minutes.
CP104	9.7	21.33	Lambeth Group	Medium Flow Rate – groundwater rose to 6.60 m bgl after 20 minutes.
CP105	5.5	25.50	Taplow Gravel	Slow Flow Rate – groundwater rose to 5.00 m bgl after 20 minutes.
CP105	8	23.00	Lambeth Group	Slow Flow Rate – groundwater rose to 7.00 m bgl after 20 minutes.
CP105	11.4	19.60	Lambeth Group	Fast Flow Rate – groundwater rose to 7.80 m bgl after 20 minutes.

5.4.2 Levels During Monitoring Programme

Groundwater levels were monitored on a total of six occasions between 25th March and 30th April 2021. Monitoring data and LNAPL measurements are provided in Appendix L and summarised in the table below.

Exploratory Hole	Response Zone		Water level during monitoring Max to Min Range		LNAPL Y/N	Stratum
	m bgl	m AOD	m bgl	m AOD.		
CP101	1 - 8	23.64 - 30.64	5.25 - 5.32	26.39 - 26.32	**N**	Taplow Gravel

Exploratory Hole	Response Zone		Water level during monitoring Max to Min Range		LNAPL Y/N	Stratum
	m bgl	m AOD	m bgl	m AOD.		
CP102	2 - 8	23.47 - 29.47	5.33 - 5.44	26.14 - 26.03	**N**	Taplow Gravel
CP103	1 - 15	16.39 - 30.39	5 - 5.12	26.39 - 26.27	**N**	Taplow Gravel/ Lambeth Group
CP104	2 - 8	23.03 - 29.03	4.69 - 4.8	26.34 - 26.23	**N**	Taplow Gravel
CP105	3 - 8	22.99 - 27.99	4.14 - 4.23	26.86 - 26.77	**N**	Taplow Gravel
DS101	1 - 2.6	30.5 – 28.9	Dry	Dry	**N**	Langley Silt/ Taplow Gravel
DS102	1 - 2.5	28.94 - 30.44	Dry	Dry	**N**	Langley Silt/ Taplow Gravel
DS103	0.9 - 2.9	28.41 - 30.41	Dry	Dry	**N**	Langley Silt/ Taplow Gravel
DS104	0.75 - 3.75	28.33 - 31.33	Dry	Dry	**N**	Langley Silt/ Taplow Gravel
DS105	1.2 - 3	30.4 – 28.6	Dry	Dry	**N**	Langley Silt/ Taplow Gravel
DS106	1 - 3	28.28 - 30.28	Dry	Dry	**N**	Langley Silt/ Taplow Gravel
DS107A	2.4 - 2.9	28.49 - 28.995	Dry	Dry	**N**	Taplow Gravel
DS108B	1 - 3	27.76 - 29.76	Dry	Dry	**N**	Langley Silt/ Taplow Gravel
DS109	2 - 3.4	27.42 - 28.82	Dry	Dry	**N**	Taplow Gravel
DS110	2 - 3	27.96 - 28.96	Dry	Dry	**N**	Taplow Gravel
DS111	1.5 - 3	29.35 – 27.85	Dry	Dry	**N**	Taplow Gravel
DS112	2.4 - 2.8	28.61 - 29.01	Dry	Dry	**N**	Taplow Gravel
DS113	0.75 - 2.26	28.87 - 30.38	Dry	Dry	**N**	Langley Silt/ Taplow Gravel
DS114	2.5 - 3	29.0 – 28.50	Dry	Dry	**N**	Taplow Gravel
DS115	2.3 - 2.8	29.30 – 28.80	Dry	Dry	**N**	Taplow Gravel
DS116	1.5 - 3	28.34 - 29.84	Dry	Dry	**N**	Langley Silt/ Taplow Gravel

Interpolated groundwater contour plots (based on Delta-Simons boreholes only) are provided as Figure 6 within the underlying Taplow Gravel Strata.

Groundwater levels during monitoring varied between 4.14 and 5.44 bgl (26.03 to 26.86 m AOD) within the Taplow Gravel and generally groundwater appears to be falling towards the south west. However, there is insufficient data to determine to groundwater flow direction with a high degree of certainty.

5.5 Visual and Olfactory Evidence of Contamination - Groundwater

No visual or olfactory evidence of potential gross contamination was observed during the investigation.

5.6 Material Properties

The table below summarises the factual material properties based upon the results of in-situ and laboratory test data and where appropriate provides derived geotechnical parameters.

Parameter	Made Ground	Langley Silt	Taplow Gravel	Lambeth
Moisture Content - w	17%	7.3% - 22%	3.2% - 11%	18% - 31%
Liquid Limit - wL	-	29% – 40%	-	25% - 81%
Plastic Limit - wP	-	16% - 19%	-	12% - 33%
Plasticity Index - IP	-	13% - 21%	-	10% - 48%
Uncorrected SPT N Value[1]	-	4 - 23[1]	11 - 50[1]	17 - 50[1]
Corrected[2] SPT (N60)2	-	4 - 21[2]	11 - 49[2]	16 - 46[2]
Undrained Shear Strength[3,4] - cu	-	20[4]	-	76 - 169[3]

Notes:
1. Where SPT test crossed two strata, value excluded from N Value range
2. SPT N values corrected for energy delivered to drive rods utilising the determined energy ratio (Er): N60 = (Er x N)/60 after BS EN ISO 22476-3:2005
3. From laboratory test results
4. Correlation by Stroud, lowest undrained shear strength….

Particle Size Distribution %					
Borehole (depth m bgl)	**Strata**	**Cobbles 63 – 200 mm**	**Gravel 2 – 63 mm**	**Sand 0.063 – 2 mm**	**Fines <0.063 mm**
CP101 (1.2 – 1.7)	Langley Silt	0	0	14	86
CP102 (1.2 – 1.7)	Langley Silt	0	0	16	84
CP103 (3.5 – 4.0)	Taplow Gravel	0	69	29	2
CP104 (4.5 – 5.0)	Taplow Gravel	4	81	14	0
CP105 (1.2 – 1.7)	Langley Silt	0	0	10	90
CP105 (4.5 – 5.0)	Taplow Gravel	0	78	21	1
CP105 (8.0 – 8.5)	Lambeth Group	0	4	13	83
SA101 (2.5 – 3)	Taplow Gravel	0	22	40	38
SA104 (1 – 1.4)	Langley Silt	0	18	34	48
SA104 (2.5 – 3)	Taplow Gravel	0	32	47	21
TP104 (1 – 1.5)	Langley Silt	0	36	33	31
TP109 (2.5 – 3.0)	Taplow Gravel	0	54	30	16

5.7 Geochemical Testing

Geochemical analysis was undertaken on 35 soil samples of Made Ground, Langley Silt, Taplow Gravel and Lambeth Group, tested for selective contaminants (BRE Special Digest 1:2005 (3rd Edition), Concrete in Aggressive Ground, the results of which are summarised in the table below.

Tests	No. of Tests	Minimum	Maximum
Soil - pH	35	6.5	11.7
Soil - Total Sulphur	35	<0.005%	0.281%
Soil – Acid Soluble Sulphate	35	0.015%	0.843%

Tests	No. of Tests	Minimum	Maximum
Soil - Water Soluble Sulphate	35	5.5 mg/L	1,100 mg/L
Water – pH	5	7.0	7.4
Water - Sulphate	5	35.1 mg/L	59.3 mg/L

5.8 Ground Gas Data

Gas monitoring results are presented in Appendix L and are summarised in the table below, a total of 6 rounds of gas monitoring was undertaken over a period of 6 weeks.

Barometric pressures ranged from 1010mB (visit 6) to 1034mB (visit 4).

Exploratory Hole	Steady Gas Concentration (%v/v)						Steady Flow Rate (l/hr)		Response Zone (m bgl)		Stratum	Flooded?
	Methane		Carbon Dioxide		Oxygen							
	Min	Max	Min	Max	Min	Max	Min	Max	From	To		
CP101	<0.1	<0.1	0.2	2.3	17.0	20.1	<0.1	-0.4	1	8	Taplow Gravel	Y
CP102	<0.1	<0.1	0.1	1	17.4	20.2	<0.1	-0.1	2	8	Taplow Gravel	Y
CP103	<0.1	<0.1	0.1	0.8	17.5	19.8	<0.1	-0.1	1	15	Taplow Gravel/ Lambeth Group	Y
CP104	<0.1	<0.1	0.4	1.7	17.3	19.7	<0.1	0.1	2	8	Taplow Gravel	Y
CP105	<0.1	<0.1	6.1	9.6	5	9.5	<0.1	-0.5	3	8	Taplow Gravel	Y
DS101	<0.1	<0.1	<0.1	1.7	14.3	21.3	<0.1	-0.4	1	2.6	Langley Silt/ Taplow Gravel	N
DS102	<0.1	<0.1	0.3	1.1	14.8	18.7	<0.1	-0.1	1	2.5	Langley Silt/ Taplow Gravel	N
DS103	<0.1	<0.1	0.2	0.8	19.1	20.3	<0.1	-0.3	0.9	2.9	Langley Silt/ Taplow Gravel	N
DS104	<0.1	<0.1	1.5	2.6	10.2	19.3	<0.1	-0.4	0.75	3.75	Langley Silt/ Taplow Gravel	N
DS105	<0.1	<0.1	0.4	1.2	18.5	20.4	<0.1	-0.3	1.2	3	Langley Silt/ Taplow Gravel	N
DS106	<0.1	<0.1	0.1	2.9	12.5	21.4	<0.1	-0.1	1	3	Langley Silt/ Taplow Gravel	N
DS107A	<0.1	<0.1	0.1	1.7	17.8	21.1	<0.1	-0.3	2.4	2.9	Taplow Gravel	N
DS108B	<0.1	<0.1	1.4	2.8	18	18.6	<0.1	-0.3	1	3	Langley Silt/ Taplow Gravel	N
DS109	<0.1	<0.1	<0.1	0.5	19.5	20.6	<0.1	-0.3	2	3.4	Taplow Gravel	N
DS110	<0.1	<0.1	0.4	3.8	13.4	20	<0.1	-0.4	2	3	Taplow Gravel	N
DS111	<0.1	<0.1	<0.1	0.1	17.5	20.3	<0.1	-0.4	1.5	3	Taplow Gravel	N
DS112	<0.1	<0.1	<0.1	2.6	17.2	20.6	-0.4	-0.3	2.4	2.8	Taplow Gravel	N
DS113	<0.1	<0.1	<0.1	2.8	18.1	21.3	<0.1	-0.2	0.75	2.26	Langley Silt/ Taplow Gravel	N
DS114	<0.1	<0.1	0.2	1.1	17.3	19.3	<0.1	-0.4	2.5	3	Taplow Gravel	N
DS115	<0.1	<0.1	0.2	0.6	18.9	20.8	<0.1	-0.3	2.3	2.8	Taplow Gravel	N
DS116	<0.1	<0.1	0.2	0.4	19.5	20.6	<0.1	-0.1	1.5	3	Langley Silt/ Taplow Gravel	N

6.0 Geotechnical Assessment

6.1 Summary of Development Proposals

The Site is understood to be requiring outline planning permission for a proposed redevelopment comprising the construction of three data centres across the Site with associated loading bays, carparking, and two open air transformers in periphery areas. A proposed development plan is provided as Drawing 1. The thirteen existing commercial warehouses will require demolition to accommodate the construction of the proposed properties.

At the time of writing, detailed structural and floor loadings and final levels were unknown. Consequently, the information provided below should be treated as preliminary and will be subject to review once a scheme and levels have been finalised.

6.1.1 Ground Model

The ground model can be summarised as Hardstanding (0.05 – 0.75m , average 0.22 m bgl) over variable Made Ground deposits (0.16 – 1.2 m, average 0.6 m bgl) bearing onto soft silty sandy clay of the Langley Silt formation to depths between 1.4 to 3.0m bgl (average 2.2 m bgl), which is underlain by the dense Taplow Gravel formation (occasional clay layers observed) to depths between 5.8 to 7.8 m bgl (average 7.0 m bgl). The underlying Lambeth Group was found to comprise firm to stiff slightly sandy clay, with occasional water-bearing clayey sand partings, the base of which was unproven (>15m bgl).

6.2 Foundations

6.2.1 Spread Foundations

The Made Ground is considered to be too unpredictable, variable, weak and compressible in its existing condition for conventional shallow foundations at the Site and the shallow Langley Silt Member was found to demonstrate insufficient shear strengths to support the proposed development scheme.

The competent Taplow Gravel Formation is considered to be a suitable founding stratum and pad foundations taken into the dense gravels are likely to achieve allowable bearing capacities of 400 kPa, limited to 25mm total settlement and maximum pad dimensions of 4m by 4m, and likely to achieve allowable bearing capacities of 320 kPa for 5m by 5m pad foundations.

Should localised areas of deeper Made Ground and Langley Silt (>3m bgl) be encountered during groundworks, localised over excavation/trench fill and/or deeper spread load foundations may be required.

All foundation excavations should be inspected by a suitably qualified engineer prior to casting to ensure the appropriate depth, founding medium and strength characteristics have been achieved.

6.2.2 Volume Change Potential

The volume change potential should be considered in any foundation schedule for structures and services located within the influence zone of trees or bushes (proposed, existing or to be removed) and appropriate precautions and/or founding depths should be designed accordingly. In cohesive soils, foundations will therefore need to be designed in accordance with NHBC Standard Chapter 4.2 '*Building Near Trees'* (2016).

The A-Line Plot presented as Figure 7 suggests that the Langley Silt Member is of low to intermediate plasticity, with a low to medium volume change potential.

As described in BRE412, one method using an empirical criterion for the onset of desiccation can be considered where the soil moisture content is at 40% of the Liquid Limit, and where this is less than 40%, soils may be considered to be in a significantly desiccated condition. Likewise, assessment of Liquidity Index; where a value of zero or greater indicates the soil's water content to be at or above the plastic limit, while negative values indicate the soil to be drier than the plastic limit can be used to assess whether the soils are artificially deficient in natural moisture content.

The Langley Silt Member is not anticipated to be in a significantly desiccated condition as the majority of the moisture content of the Langley Silt Member is greater than 40% of their respective Liquid Limit, with only two (of a total twelve) samples lower than 40%, however this was not located near any potential tree line and none

of the samples collected along the Ajax Avenue frontage (proposed to remain as part of redevelopment) returned moisture content values <40% of their respective Liquid Limit. The Langley Silt Member also predominately returns a Liquidity Index value of greater than 0, indicating the soil's water content to be at or above the plastic limit and not artificially deficient in natural moisture content. Given the low to intermediate shrinkage potential, the limited desiccation status, the offset distance between the trees and the proposed building footprint, the risk to a ground bearing floor slab is considered to be low based upon the information collected, and it is therefore unlikely that specific mitigation measure may be required.

6.2.3 Floor Slabs

In principle, assuming a maximum floor area in the order of 70 m by 50 m, ground bearing floor slabs would be suitable for a floor load up to 35.0 kPa with less than 25 mm settlement, reducing to about one-quarter of that amount at the corners; provided that all existing foundations, other obstructions and all unsuitable Made Ground soils are removed, the formation is thoroughly proof rolled and any soft spots excavated and replaced with well compacted granular material.

6.3 Roads and Pavements

It is recommended that a conservative CBR value of 2% should be adopted for the shallow Langley Silt soils, for preliminary pavement design for external areas. Based upon CBR values acquired by Mexe Cone penetrometer in-situ testing undertaken on 10th March 2021, the Langley Silt Member has been found to demonstrate approximate CBR values between 2.4 and 5.3 %. It is recommended that plate CBR tests are undertaken at formation level after demolition prior to finalising pavement design.

Location	Strata	Depth (m bgl)	Average CBR Value (%)
DS108A	Topsoil	0 – 0.3	2.5
DS109	Langley Silt Member	0.6 - 1	4.6
DS110	Langley Silt Member	0.6 - 1	5.3
DS111	Langley Silt Member	0.7 - 1	2.4
HP105	Topsoil	0 – 0.3	3.1
HP105	Langley Silt Member	0.5 – 0.9	2.4
SA104	Langley Silt Member	0.4 – 0.8	2.4
CP104	Langley Silt Member	0.5 – 0.9	3

6.4 Drainage and Soakage Tests

Falling head tests were carried out at three locations (SA101, SA102, SA103 and SA104) on 10th March 2021. The results are presented in Appendix L and are summarised in the table below.

Exploratory Hole	Response Stratum	Response Zone (m bgl)	Permeability (m/s)
SA101	Taplow Gravel	3.00 – 3.50	6.0×10^{-5}
SA102	Taplow Gravel	2.88 – 3.40	1.4×10^{-5}
SA103	Taplow Gravel	2.80 – 3.50	1.2×10^{-5}
SA104	Taplow Gravel	2.70 – 3.40	1.4×10^{-5}

Results indicated that Taplow Gravel Formation would offer suitable drainage characteristics for the construction of Soakaways at the Site.

6.5 Excavations & Obstructions

It is expected that conventional mechanical excavators will readily remove the Made Ground, Langley Silt and Taplow Gravel likely to be encountered in shallow excavations although a breaker may be required to remove any existing concrete and tarmac hardstanding.

All shallow foundation or services excavations at the Site should be considered unstable, therefore, temporary support of all excavations should be considered when excavating on-Site.

TP106 was commissioned in an attempt to expose or establish the presence/ depth of a former pylon base, which was thought to have been left in-situ below ground as part of the rerouting of overhead electricity below-ground (657 Ajax Avenue). The excavation in the vicinity of the former pylon base did not expose the presence of any foundation or below ground structures that would be indicative of such a large pylon structure. Although preliminary excavations undertaken as part of this assessment would suggest that the pylon foundations no longer remain in-situ on-Site, this should be clarified during Enabling Works.

6.6 Groundwater

Significant groundwater would not be anticipated during the excavations required as part of the proposed development.

Groundwater is unlikely to be encountered in shallow excavations and trenches required as part of the proposed development; however, open excavations may collect perched or surface waters. It is considered that local dewatering via sump and pump may be suitable, however, should this method not extract sufficient water volumes during construction through the Taplow Gravels then alternative methods of dewatering may be required. Treatment prior to disposal to sewer may be required.

Seasonal variations in water levels may affect resting groundwater levels.

6.7 Slopes & Retaining Features

At the time of writing, final plans relating to slopes and retaining features were unknown, however retaining features are not anticipated as part of the proposed development.

6.8 Earthworks

At the time of writing, finished levels were unclear although, it is understood that to some degree earthworks will be required as part of the proposed development. A significant cut and fill operation is not anticipated.

6.9 Chemical Attack on Buried Concrete

Water soluble sulphate concentrations in soils varied from 5.5 mg/l to 1,100 mg/l with soil pH values ranging from 6.5 to 11.7. Total sulphur concentrations ranged from 0.005 % to 0.281 %.

Sulphate concentrations in the groundwater ranged from 35.1 mg/l to 59.3 mg/l with groundwater pH values ranging from 7.0 to 7.4.

In accordance with the recommendations of BRE Special Digest 1, 'Concrete in Aggressive Ground' 2005, the conditions of the **natural soils** at the site would be classified as Design Sulphate Class DS-1 and ACEC Class AC-1 for soils and groundwater, when considering the most appropriate type of concrete to be used at the site in order to resist chemical attack from elevated sulphate present in the soils (assuming mobile groundwater in non-pyritic soils).

*The **Made Ground Soils** at the Site* would be classified as Design Sulphate Class DS-2 and ACEC Class AC-2 for soils and groundwater, when considering the most appropriate type of concrete to be used at the Site in order to resist chemical attack from elevated sulphate present in the soils (assuming mobile groundwater in non-pyritic soils).

7.0 Generic Quantitative Risk Assessment

7.1 Introduction

The presence of hazardous substances in or on a site is generally only of concern if an actual or potential unacceptable risk exists. Legislation and guidance on the assessment of contaminated sites, consistent with UK best practice, acknowledges the need for a tiered risk-based approach. A Preliminary Risk Assessment is presented in Section 2.2. This section represents a Generic Quantitative Risk Assessment (GQRA) being a comparison of site contaminant levels against Generic Assessment Criteria.

7.2 Human Health GQRA

The assessment of risks in relation to human health has been undertaken using Generic Assessment Criteria (GAC) as detailed within the appropriate tables. Risks from soil, groundwater and Non-Aqueous Phase Liquids (NAPL) have been considered. The GAC are predominantly based on long term (chronic) risk to health. However, in the limited circumstances where short-term (acute) risks are more pronounced, these GAC have been utilised to ensure a thorough and conservative initial assessment is undertaken.

The end use scenario adopted for the assessment is a commercial end use, considered appropriate based on the proposed commercial development.

7.2.1 Risks from Soil Sources

Based on the proposed use of the Site for light industrial use, the soil and groundwater chemical data has been compared against a commercial/industrial end use GAC for 1% soil organic matter (SOM) content.

The laboratory results for contaminants exceeding detection limit compared to their respective GAC are presented in the table below.

The primary exposure pathways considered in the risk assessment are as follows:

- Ingestion of soil and indoor dust and/or oral background exposure;
- Consumption of home-grown produce and attached soil;
- Inhalation of dust (background and indoor);
- Direct dermal contact; and
- Inhalation of vapour (background and indoor).

Contaminant	No. Samples	Max Conc. (mg/kg)	GAC (mg/kg)	GAC Source	No. Exceed GAC	Volatile	Location of Exceedances (depth) = Concentration (mg/kg)	Area of Site of Exceedance
Asbestos	41	<0.001	Detected	DS-GAC	5	N	DS111 (0.30m bgl) = <0.001 (Chrysotile) DS107A (0.30m bgl) = <0.001 (Amosite) DS113 (0.30m bgl) = <0.001 (Chrysotile) SA101 (0.25m bgl) = <0.001 (Chrysotile) TP102 (0.40m bgl) = <0.001 (Chrysotile)	Site Wide
Metals and metalloids								
Arsenic	35	26	640	LQM	-	N	-	-
Cadmium	35	1.2	190	LQM	-	N	-	-
Chromium III	35	80	8,600	LQM	-	N	-	-
Copper	35	260	68,000	LQM	-	N	-	-
Lead	35	660	2,300	C4SL	-	N	-	-
Mercury	35	92	1,100	LQM	-	Y	-	-
Nickel	35	79	980	LQM	-	N	-	-
Zinc	35	670	730,000	LQM	-	N	-	-
Polyaromatic Hydrocarbons								
Acenaphthylene	41	2.3	83,000	LQM	-	Y	-	-
Acenaphthene	41	1.3	84,000	LQM	-	Y	-	-
Fluorene	41	1	63,000	LQM	-	Y	-	-
Phenanthrene	41	17	22,000	LQM	-	N	-	-
Anthracene	41	3.9	520,000	LQM	-	N	-	-
Fluoranthene	41	80	23,000	LQM	-	N	-	-
Pyrene	41	75	54,000	LQM	-	N	-	-
Benzo[a]anthracene	41	61	170	LQM	-	N	-	-
Chrysene	41	43	350	LQM	-	N	-	-
Benzo[b]fluoranthene	41	77	44	LQM	1	N	TP109 at 0.5m	East
Benzo[k]fluoranthene	41	41	1,200	LQM	-	N	-	-

Contaminant	No. Samples	Max Conc. (mg/kg)	GAC (mg/kg)	GAC Source	No. Exceed GAC	Volatile	Location of Exceedances (depth) = Concentration (mg/kg)	Area of Site of Exceedance
Benzo[a]pyrene	41	69	35	LQM	1	N	TP109 at 0.5m	East
Indeno(1,2,3-c,d)pyrene	41	33	500	LQM	-	N	-	-
Dibenz(a,h)anthracene	41	8.9	3.5	LQM	1	N	TP109 at 0.5m	East
Benzo[g,h,i]perylene	41	38	3,900	LQM	-	N	-	-
Petroleum Hydrocarbons								
Benzene	42	0.022	27	C4SL	-	Y	-	-
Toluene	42	0.025	56,000	LQM	-	Y	-	-
Aliphatic TPH >C10-C12	35	4.9	9,700	LQM	-	Y	-	-
Aliphatic TPH >C12-C16	35	13	59,000	LQM	-	N	-	-
Aliphatic TPH >C16-C21	35	18	1,600,000	LQM	-	N	-	-
Aliphatic TPH >C21-C35	35	83	1,600,000	LQM	-	N	-	-
Aliphatic TPH >C35-C40	35	140	1,600,000	LQM	-	N	-	-
Aromatic TPH >C5-C7	35	0.022	26,000	LQM	-	Y	-	-
Aromatic TPH >C7-C8	35	0.025	56,000	LQM	-	Y	-	-
Aromatic TPH >C12-C16	35	9.9	36,000	LQM	-	Y	-	-
Aromatic TPH >C16-C21	35	54	28,000	LQM	-	N	-	-
Aromatic TPH >C21-C35	35	130	28,000	LQM	-	N	-	-
Aromatic TPH >C35-C40	35	290	28,000	LQM	-	N	-	-
Total Petroleum Hydrocarbons	35	461.7	5000	DS	-	Y		
Other Organic Contamination (including VOC and SVOC results)								
1,2-Dichlorobenzene	33	0.1	2,000	LQM	-	N	-	-
1,2,4-Trichlorobenzene	33	0.3	220	LQM	-	N	-	-
Hexachlorobutadiene	33	0.1	31	LQM	-	N	-	-
1,3-Dichlorobenzene	33	0.2	30	LQM	-	N	-	-

Contaminant	No. Samples	Max Conc. (mg/kg)	GAC (mg/kg)	GAC Source	No. Exceed GAC	Volatile	Location of Exceedances (depth) = Concentration (mg/kg)	Area of Site of Exceedance
1,4-Dichlorobenzene	33	0.2	4,400	LQM	-	N	-	-
Carbazole	30	1.6	No GAC	-	-	-	-	-

Notes: Shaded = Maximum concentration exceeds GAC

C4SL = Category 4 Screening Levels (C4SLs) published by DEFRA.

DS = In-house GAC derived by Delta-Simons Environmental Consultants Ltd, 2018.

EIC = Guidance values produced by the Environmental Industries Commission (EIC), the Associated of Geotechnical and Geoenvironmental Specialists (AGS) and Contaminated Land: Application in Real Environments (CL:AIRE) in December 2009.

LQM = Land Quality Management/CIEH S4ULs for Human Health Risk Assessment, 2014.

AGAC = Acute Generic Assessment Criteria published by the Society of Brownfield Risk Assessment (SoBRA) 2019

No GAC = No Generic Assessment Criteria value available for compound.

Widespread significant contamination of the soils has not been identified at the Site.

Asbestos (chrysotile and amosite fibres) was identified in five of the 41 samples screened for asbestos. Positive Asbestos IDs were identified Site-wide, beneath the Site's hardstanding, albeit all at concentrations <0.001 mg/kg. No positive Asbestos IDs were confirmed beneath the building floor slabs (where sampled) located across the Site.

Localised, marginal exceedances of three polyaromatic hydrocarbons - benzo[b]fluoranthene, benzo[a]pyrene and dibenz(a,h)anthracene - have been identified in the east of the Site at a single location (TP109). The laboratory results show that the contamination is confined within the shallow soils (0.5 m bgl) of the Made Ground. Corresponding testing was undertaken within Made Ground deposits of nearby locations DS110 at 0.40m bgl and TP110 at 0.30m bgl and in these instances, laboratory results did not return any contaminants above relevant GAC, thereby suggesting the minor exceedances at TP109 (0.5 m bgl) are highly localised and not a contaminative feature of the Made Ground across the Site.

The soil analysis results are considered further in the Conceptual Site Model (CSM) presented in Section 9.0 with regard to potential contaminant linkages.

7.2.2 Risks from Groundwater Sources

Based on the proposed use of the Site for light industrial use, the soil and groundwater chemical data has been compared against a commercial/industrial end use GAC to assess risks from groundwater sources to indoor air and subsequent vapour inhalation indoors.

None of the site-specific contaminants of concern were recorded at concentrations in excess of their detection limits/respective GAC.

7.2.3 Risks from Non-Aqueous Phase Liquids (NAPL)

Soil and groundwater exposure models used in generating Generic Assessment Criteria do not account for the potential for NAPL to represent a source of risk to human health, principally due to the production of vapours. Whilst it is possible to calculate theoretical soil saturation limits, in reality, due to co-solubility effects, these are not an appropriate indicator of the presence of NAPL. In order to assess the presence of NAPL, for petroleum hydrocarbons, an assessment criterion of 5,000 mg/kg has been applied based on professional experience.

The following has been identified in relation to NAPL at the Site:

- No observations of NAPL were made within the soils observed during drilling;
- No concentrations of Total Petroleum Hydrocarbons in excess of 5,000 mg/kg were recorded;
- No NAPL was measured during groundwater monitoring works.

On this basis, there is no evidence of NAPL being present on the Site.

7.3 Controlled Waters/Water Environment GQRA

7.3.1 Groundwater Results

The approach adopted to assessing risks to Controlled Waters/Water Environment is based principally on considering the concentrations of contaminants identified within the groundwater samples obtained in comparison to relevant GAC.

Given the 'prevent and limit' approach of the Water Framework Directive (2000/60/EC) and the identified receptors, a range of Water Quality Standards (WQS) have been applied as Generic Assessment Criteria (GAC), these include Water Framework Directive standards and thresholds (WFD), the Freshwater Environmental Quality Standards (EQS), the UK Drinking Water Quality Standards (DWQS), WHO Guidelines for Drinking Water Quality which have been used as initial conservative GAC to assess whether groundwater contamination requires further assessment or discussion in terms of the risks to controlled waters. Where specific water quality standards are not available, Delta-Simons has adopted surrogate values based on professional judgement (DS GAC).

Groundwater contaminant concentrations that exceed the applied GAC are then considered in the context of the Site's environmental setting as to whether further qualitative or quantitative assessment is required as described in subsequent sections. Laboratory results above relevant detection limits are summarised in the table below with a comparison to the GAC applied. A full copy of the results can be found within Appendix K.

Contaminant	No. Samples	Max Conc. (µg/l)	GAC (µg/l)	GAC Source	No. Exceed GAC	Location of Exceedances (depth)	Area of Site of Exceedance
Metals and Metalloids							
Arsenic	5	0.68	10	DWQS 2016	-	-	-
Chromium III	5	2.0	50	DWQS 2016	-	-	-
Copper	5	3.4	2,000	DWQS 2016	-	-	-
Nickel	5	5.0	20	DWQS 2016	-	-	-
Zinc	5	7.1	3,000	WHO 2003	-	-	-
Other Inorganics							
Sulphate as SO4	5	59,300	250,000	DWQS 2016	-	-	-

Notes: Shaded = Maximum concentration exceeds GAC.
~~GAC~~ = No GAC available for individual compounds
DWQS 2016 = The Water Supply (Water Quality) Regulations 2016 [UK Drinking Water Standards]
WHO 2003 = WHO background documents to Guidelines for Drinking Water Quality, 2003.
WHO 2003* = The WHO guidance states that the use of the lowest guidance value for aliphatic hydrocarbons (300 µg/l) for comparison to the total TPH concentration in groundwater will provide a conservative level of protection.
WHO 2017 = WHO Guidelines for Drinking Water Quality (4th Edition), 2017.

Widespread significant groundwater contamination has not been identified at that Site. No contaminant concentrations have been detected in concentrations above relevant GAC.

The groundwater analysis results are considered further in the CSM presented in Section 9.0 with regard to potential contaminant linkages.

7.3.2 Light Non Aqueous Phase Liquid (LNAPL)

LNAPL was not observed in any of the locations during the groundwater monitoring.

7.3.3 Potable Water Supply Pipes

The investigation requirements for the selection of potable water pipe material are set out in UKWIR Report 10/WM/03/21. Guidance for the Selection of Water Supply Pipes to be used in Brownfield Sites (UKWIR, 2010). This report has very specific and onerous investigation requirements and as such the detailed investigation of each utility route was not within the scope of this investigation.

A preliminary review of the results indicates that a relevant linkage is unlikely to exist associated with organic contaminants and therefore contaminant polyethylene (PE) and/or polyvinyl chloride (PVC) water supply pipes may be suitable for use on the development.

It should be noted that at the time of this investigation the future routes of water supply pipes had not been established, hence the investigation and sampling strategy is not likely to be considered fully compliant with UKWIR recommendations. Consequently, a targeted investigation and specific sampling/analytical strategy may be required at a later date once the route(s) of the supply pipe(s) are known. In addition, it is recommended that the relevant water supply company be contacted at an early stage to confirm its requirements for assessment, which may not necessarily be the same as those recommended by UKWIR.

7.3.4 Building Materials

Risks to building materials associated with aggressive ground conditions is addressed in Section 6.9.

7.4 Waste Classification

This investigation was not undertaken to classify materials in terms of waste disposal. Where waste disposal is proposed then a specific and detailed investigation in accordance with Environment Agency Guidance WM3 would typically be required.

Should soils be required to be disposed of from Site, the results of the chemical analysis should be forwarded to the proposed receiving facility who will determine whether they will accept the waste from Site. Further investigation in addition to specific waste acceptance criteria (WAC) analysis may be required.

Considering the nature of the materials encountered, more cost efficient and sustainable methods of removing the material should be considered prior to disposal at landfill (e.g. registering with the CL:AIRE Register of Materials) in an attempt to find a site with a requirement for import of materials.

8.0 Bulk Ground Gas Risk Assessment

8.1 Ground Gas Conceptual Site Model

8.1.1 Sources

Historically, the Site has been subjected to one phase of commercial/industrial land use redevelopment (in the 1960s) in which the current building footprint (13 warehouses) was built. This has led to limited thicknesses of Made Ground encountered across the Site (average 0.64 m), proven to a maximum thickness of 1.2 m locally.

The Made Ground generally comprises gravelly clay and sand and gravel mixtures. The gravel content included brick, concrete, flint, sandstone, ash and clinker. Occasional plastic and metal fragments were also recorded within the Made Ground. Given the volume of putrescible material appears to be low, and the limited thicknesses encountered, the Made Ground is therefore considered to represent a very low ground gas generation potential.

No records of historical coal mining or mine entries exist within the immediate vicinity.

Surrounding historical land uses, which include many former commercial and industrial facilities may represent off-site sources of ground gases.

One former waste management facility (Greener World Recycling Centre) located at 244m south-east and one former landfill (Galvin and Thirkleby Road) located at 180m south of the Site represent potential sources of hazardous ground gas.

8.1.2 Receptors

The principal receptors under consideration are future Site users. Other receptors include adjacent site occupiers and future maintenance/construction workers.

8.1.3 Pathways

The underlying geology is likely to be of variable permeability with respect to ground gases. The Made Ground is heterogeneous and likely to allow preferential migration locally. The underlying Langley Silt Member is predominantly clay and likely to limit vertical migration from below and also lateral migration.

Based on the above, migration from off-site sources, including historical industrial land uses are considered limited due to the presence of Langley Silt Member, preventing lateral migration.

However, given foundations are likely to be founded into the dense Taplow Gravel, the most significant pathway with respect to future Site users relate to the potential for gases to enter future buildings. Given the known permeability of the Taplow Gravel Formation, it is plausible that this strata may act as a reservoir for ground gases locally, despite its gas generation potential being considered very low. At present, it is believed that no gas protections measures are present in the existing buildings nor assumed in the proposed development plan. Consequently, ingress into buildings may be possible through voids in the floor including service entry points and cracks.

Future maintenance/construction workers may come into contact with hazardous ground gases via entry into below ground confined spaces such as excavations or service entries/inspection points.

8.2 Duration & Extent of Monitoring

Tables 5.5a and 5.5b within CIRIA C665 detail current recommended monitoring duration and frequency for sites in the UK. Based on the identification of potential sources in the preceding section, the gas generation potential is considered to be very low, whilst the sensitivity of the proposed development is low. On this basis, CIRIA C665 recommends a minimum between of 4 visits over 1 month.

Gas monitoring has been carried out upon the site in one monitoring period totalling six separate visits between March and April 2021. During the six monitoring periods, gas concentrations have been recorded in a total of 21 monitoring positions (DS101-DS116 and CP101-CP105). The locations of the monitoring wells are

highlighted on Figure 2 and indicate representative coverage across the whole study area. Several monitoring wells have been positioned at the northern, eastern, and western boundary to detect potential migration from off-site sources.

Barometric pressures during the gas monitoring period ranged from 1019 mBar to 1034 mBar. 1 of the 6 visits were completed during periods of falling pressure.

8.3 Ground Gas Risk Assessment

8.3.1 Background

Based on the proposed commercial end use, the following documents have been consulted when assessing the gas regime at the site:

- British Standards Institute (BSI, 2019): Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings, BS:8485:2015+A1:2019.

The presence of a source of hazardous gas within the ground does not necessarily indicate a risk will be present. Consideration of recorded gas flows together with source concentrations can allow an initial assessment to be made of the potential both for generation and subsequent migration of gas. A Characteristic Situation (CS) is derived from an assessment of the ground gas data and forms the basis of determining mitigation measures.

8.3.2 Gas Screening Value (GSV)

The Gas Screening Value (gas concentration as a fraction x maximum recorded flow) is used to provide an initial assessment of risks to future site users. The GSVs calculated for the monitoring wells are presented in the following table.

Location	Maximum Methane (%v/v)	Maximum Carbon Dioxide (%v/v)	Maximum Flow Rate (l/hr)	GSV/Characteristic Situation				Flooded well (Frequency)
				Methane		Carbon Dioxide		
				GSV	CS	GSV	CS	
CP101	<0.1	2.3	<0.1	0.0001	1	0.0023	1	0 of 4
CP102	<0.1	1	<0.1	0.0001	1	0.001	1	0 of 5
CP103	<0.1	0.8	<0.1	0.0001	1	0.0008	1	0 of 5
CP104	<0.1	1.7	0.1	0.0001	1	0.0017	1	0 of 5
CP105	<0.1	9.6	<0.1	0.0001	1	0.0096	1	0 of 5
DS101	<0.1	1.7	<0.1	0.0001	1	0.0017	1	0 of 5
DS102	<0.1	1.1	<0.1	0.0001	1	0.0011	1	0 of 5
DS103	<0.1	0.8	<0.1	0.0001	1	0.0008	1	0 of 5
DS104	<0.1	2.6	<0.1	0.0001	1	0.0026	1	0 of 5
DS105	<0.1	1.2	<0.1	0.0001	1	0.0012	1	0 of 5
DS106	<0.1	2.9	<0.1	0.0001	1	0.0029	1	0 of 5
DS107	<0.1	1.7	<0.1	0.0001	1	0.0017	1	0 of 5
DS108	<0.1	2.8	<0.1	0.0001	1	0.0028	1	0 of 5
DS109	<0.1	0.5	<0.1	0.0001	1	0.0005	1	0 of 5
DS110	<0.1	3.8	<0.1	0.0001	1	0.0038	1	0 of 5
DS111	<0.1	0.1	<0.1	0.0001	1	0.0001	1	0 of 5
DS112	<0.1	2.6	<0.1	0.0001	1	0.0026	1	0 of 5

Location	Maximum Methane (%v/v)	Maximum Carbon Dioxide (%v/v)	Maximum Flow Rate (l/hr)	GSV/Characteristic Situation				Flooded well (Frequency)
				Methane		Carbon Dioxide		
				GSV	CS	GSV	CS	
DS113	<0.1	2.8	<0.1	0.0001	1	0.0028	1	0 of 5
DS114	<0.1	1.1	<0.1	0.0001	1	0.0009	1	0 of 5
DS115	<0.1	0.6	<0.1	0.0001	1	0.0006	1	0 of 5
DS116	<0.1	0.4	<0.1	0.0001	1	0.0004	1	0 of 5
Notes: CS1+ = Calculated GSV is CS1; however, peak methane exceeds 1%v/v and/or peak carbon dioxide exceeds 5%v/v, therefore, consider increase in CS value.								

In accordance with BS:8485:2015+A1:2019 Table 2 for commercial end-use, using maximum recorded parameters and the calculated GSV's, the proposed development would have a CS1 classification. Ground gas monitoring data identified elevated carbon dioxide (maximum 9.1% v/v) at one location only, CP105, located in the north east of the Site, however, as the Made Ground and underlying strata are of low organic content and there are negligible flow rates, a Characteristic Situation 1 (low hazard potential) is assumed for design purposes.

In a redevelopment context further monitoring may be required to confirm final design in accordance with current guidance, however, it is considered that the measured gas regime is appropriate to the ground conditions encountered on-Site.

8.4 Ground Gas Risk Mitigation

The ground gas regime at the site has been classified as CS1 in accordance with the BSI guidance and it is recommended that CS1 situation is assumed for design purposes.

BS:8485 provides a scoring system to determine the appropriate protection measures for a proposed development in accordance with the identified ground gas regime. Table 3 of BS:8485 summarises typical UK building types, which for this development will comprise Type A (private). Table 4 details the points required for the Characteristic Situation, which, for CS1 is 0. Ground gas protection measures are, therefore, not considered to be required.

The above assessment relates solely to future site users. Given the nature of the ground gas regime at the site, no further works are considered necessary to protect 3rd parties/surrounding occupiers. Entry to excavations/confined spaces should be restricted to personnel with relevant Confined Spaces training and with prior conformation of atmospheric conditions.

8.5 Radon

The Site is located within an area where radon protective measures are not required.

8.6 Organic Vapours

No widespread or significant sources of volatile vapours, comprising soil, groundwater or NAPL contamination have been identified as part of this investigation. Therefore, no further investigation is considered necessary in order to inform or consider the inclusion of specialist vapour resistant membranes as part of the ground gas protection measures.

9.0 Revised Conceptual Site Model

A revised CSM is presented in the table below, and has been formulated taking into account all of the available data from the Delta-Simons intrusive investigation, suitable for a Site with a proposed commercial end-use.

Revised Conceptual Site Model					
Source	**Contaminants**	**Pathways**	**Receptors**	**Confirmed Risk?**	**Mitigation**
On-Site shallow Made Ground soils	Asbestos – fibres quantified to 0.001 mg/kg	Direct contact, ingestion or inhalation of soil bound contaminants / dust during or following redevelopment.	Construction workers.	**Yes**	Widespread contamination was not identified at the Site. Out of 41 samples, 5 tested positive for asbestos chrysotile and amosite fibres at <0.001 mg/kg, within the Made Ground deposits. It is likely asbestos materials may be identified during any inground excavation/ demolition. Prior to the commencement of construction works, a risk assessment in relation to the control of asbestos regulations 2012 (CAR2012) should be undertaken to assess the risks posed to identified receptors and to identify the appropriate selection of mitigation measures. These may include, but are not limited to; PPE, damping down of working surfaces and potentially boundary dust/asbestos monitoring. An asbestos survey, if not already commissioned, should be undertaken prior to demolition by a specialist contractor and asbestos removed in accordance with legislation to prevent contamination of the ground. Groundworkers and sub-surface maintenance workers should be made aware of the possibility of encountering contaminated soils through toolbox talks and in particular the potential presence of asbestos and an appropriate protocol to mitigate exposure of the workforce and general public should be in place.
			Third parties during construction (adjacent Site users and adjacent residents).		
			Future Site users and maintenance workers.	**Yes**	Site-wide the risk posed to future site users is considered low as the development plans

					proposed retain the industrial use of the Site with hardstanding across the majority of the Site which would break any potential contaminant linkages to Site users. Asbestos was not recorded in the locations within the existing soft scaping on the frontage of Ajax Avenue, however, should any areas of soft landscaping be incorporated into the proposed developed away from this area, then these areas should be capped with a suitable thickness of subsoil/topsoil and marked by a separator geotextile to clearly denote the location of the top of the Made Ground.
	Polyaromatic Hydrocarbons (PAHs)	Ingestion and/or inhalation of soil/dust. Migration of contaminants into groundwater.	Construction workers.	**Yes**	Marginal exceedances of three Polyaromatic Hydrocarbon GACs were identified in the east of the Site at a single location (TP109). These are highly localised and not considered to represent a contaminative feature of the Made Ground across the Site. As with all Brownfield developments, it is recommended an appropriate 'Hotspot Protocol' is adopted in order to safeguard a process for dealing with the potential for unidentified/ unexpected contamination.
			Future Site users and maintenance workers.	**Yes**	Site-wide the risk posed to future site users is considered low as the development plans proposed retain the industrial use of the Site with hardstanding across the majority of the Site which would break any potential contaminant linkages to Site users. Should any areas of soft landscaping be incorporated into the proposed developed (other than existing soft scaped areas), then these areas should be capped with a suitable thickness of subsoil/ topsoil and marked by a separator geotextile to clearly denote the location of the top of the Made Ground.

			The underlying aquifer (Taplow Gravel Member).	**No**	Groundwater monitoring undertaken across the Site did not identify contaminant concentrations above relevant GAC, providing no evidence for a contaminant pathway between potentially mobile contaminants in the Made Ground and the Taplow Gravel Aquifer. Therefore, the Site is not considered to pose an unacceptable risk to controlled waters. No further measures are considered necessary at this time.
Unknown outbuilding (possible electric sub-Station/ storage feature)	PCBs	Direct contact, ingestion or inhalation of soil bound contaminants	Construction workers.	**No**	Soil and groundwater analysis at CP104, adjacent to the unknown outbuilding at 660 Ajax Avenue, did not return any relevant (i.e. PCBs) contaminant concentrations above laboratory detection limits or GAC. Therefore, no further measures are considered necessary.
			Third parties during construction (adjacent Site users and adjacent residents).		
			Future Site users and maintenance workers.		
			The underlying aquifer (Taplow Gravel Member).		
On-Site Historical Tanks	Hydrocarbon fractions	Direct contact, ingestion or inhalation of soil bound contaminants	Construction workers.	**No**	While investigation of the Site's soils and groundwater have not demonstrated significant contamination across the Site, it is recommended that a watching brief is undertaken during construction works in the vicinity of the historical tanks at 662 Ajax Avenue. It is unknown if the tanks remain present on the Site, however, should any tanks require removal as part of the redevelopment, validation testing following demolition and removal would be recommended in order to verify the successful removal of equipment.
		Inhalation of organic vapours associated with contamination.	Future Site users and maintenance workers.		
		Migration of ground gas / vapours into on-site buildings causing asphyxiation or risk of explosion.			

		Leaching of contamination into groundwater followed by migration of groundwater to the wider groundwater environment or discharge to surface waters	The underlying aquifer (Taplow Gravel Member).		Implementation of a 'Hotspot Protocol' would be recommended, should unexpected contamination be identified during the redevelopment of the Site.
Ground Gas	Methane, Carbon Dioxide, Hydrogen Sulphide, Carbon Monoxide	Vertical and lateral migration and accumulation of gas in enclosed spaces and sub floor voids	Construction workers, and future site users	Yes	Marginally elevated carbon dioxide concentrations (maximum 9.1% v/v) have been recorded at CP105 located in the east of the Site, however, as the Made Ground and underlying strata are of low organic content and there are negligible flow rates, a Characteristic Situation 1 (low hazard potential) is assumed for design purposes.

10.0 Conclusions & Recommendations

10.1 Geotechnical Summary

Pad foundations are considered to be suitable for the proposed loads at the Site, provided they are founded within the dense Taplow Gravel Formation and at a minimum depth of 2.4m bgl. A bearing capacity of 400 kPa, limited to 25mm settlement is considered suitable for pad dimensions up to 4m by 4m and a bearing capacity of 320 kPa (limited to 25mm settlement) for pad dimensions up to 5m by 5m.

Should localised areas of deeper Made Ground and Langley Silt (>3m bgl) be encountered during groundworks, localised over excavation/trench fill and/or deeper spread load foundations may be required.

In principle, ground bearing floor slabs (70 m by 50 m) would be suitable for a floor load up to 35.0 kPa with less than 25 mm settlement, reducing to about one-quarter of that amount at the corners; provided that all existing foundations, other obstructions and all unsuitable Made Ground soils are removed, the formation is thoroughly proof rolled and any soft spots excavated and replaced with well compacted granular material.

Groundwater is unlikely to be encountered in shallow excavations and trenches required as part of the proposed development; however, open excavations may collect perched or surface waters. It is considered that local dewatering via sump and pump may be suitable, however, should this method not extract sufficient water volumes during construction through the Taplow Gravels then alternative methods of dewatering may be required. Treatment prior to disposal to sewer may be required.

Buried concrete within the natural strata at the Site should be designed to be commensurate with a concrete design classification DS-1 AC-1 for soils and groundwater. However, within the Made Ground, concrete should be designed to be commensurate with a design classification DS-2 AC-2 for soils and groundwater.

10.2 Contamination Issues

The investigation has been carried out in order to provide information on the quality of the soil and groundwater beneath the Site in the context of land contamination and provide information on the ground gas regime beneath the Site for a commercial end use. The assessment is being completed prior to the proposed redevelopment of the Site.

10.2.1 Human Health

Widespread significant contamination of the soils has not been identified at the Site.

Localised, Polyaromatic Hydrocarbon soil contamination has been identified in a single location in the east of the Site at TP109. The laboratory results show that the contamination is confined within the shallow soils (0.5 m bgl) of the Made Ground. Corresponding testing undertaken within Made Ground deposits of nearby locations at similar depths and in these instances, laboratory results did not return any contaminants above relevant GAC, thereby suggesting the minor exceedances at TP109 (0.5 m bgl) are highly localised and not a contaminative feature of the Made Ground across the Site.

Asbestos (chrysotile and amosite fibres) was identified in five of the forty-one samples screened for Asbestos (12%). Positive Asbestos IDs were identified Site-wide, beneath the Site's hardstanding, albeit at concentrations <0.001 mg/kg. No positive Asbestos IDs were confirmed beneath the building floor slabs located across the Site. The main exposure pathway is direct contact, ingestion or inhalation of soil bound contaminants during or post redevelopment; Site-wide the risk posed to future site users is considered low as the development plans proposed retain the industrial use of the Site with hardstanding across the majority of the Site which would break any potential contaminant linkages to Site users.

In order to mitigate the risk to construction workers prior to the commencement of construction works, a risk assessment in relation to the control of asbestos regulations 2012 (CAR2012) should be undertaken to assess the risks posed to identified receptors and to identify the appropriate selection of mitigation measures.

An asbestos survey, if not already commissioned, should be undertaken prior to demolition by a specialist contractor and removed in accordance with legislation to prevent contamination of the ground. Groundworkers and sub-surface maintenance workers should be made aware of the possibility of encountering contaminated

soils through toolbox talks and in particular the potential presence of asbestos and an appropriate protocol to mitigate exposure of the workforce and general public should be in place The Contractor will need to prepare a risk assessment which identifies a safe system of work to handle the asbestos containing soils which is likely to include asbestos awareness training, a protocol for unexpected finds (should gross asbestos material be identified) as well as safe working procedures such as damping down of excavations and stockpiles in line with general dust generation mitigation. The risk assessment will need to identify the appropriate levels of PPE and/or RPE required. This recommendation should be captured in Site health and safety documentation and in maintenance plans.

Preliminary ground gas monitoring indicates the Site can be provisionally classified as CS1 therefore, a Gas Protection Score of 0 is recommended for design purposes, as outlined in Table 5, 6 and 7 of BS8485:2015+A1:2019.

10.2.2 Controlled Waters

No widespread contamination of groundwater was encountered during this investigation. No contaminant of concern was detected above relevant assessment criteria. Therefore, it is considered that no further action is required.

10.3 Recommendations for Supplementary Work

Based on the findings of this report, it is recommended that a watching brief is undertaken during construction works in the vicinity of historical tanks at 662 Ajax Avenue.

Waste classification has not been undertaken as part of the scope of works, should it be proposed to dispose of materials from the Site then specific additional investigations may be needed to classify the materials in accordance with current regulatory requirements.

Figure 1 – Site Location Map

LEGEND

Site Boundary

Scale: 1 / 10,000 @ A4

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TITLE:
Site Location Map
651-664 Ajax Avenue
Slough

DRAWN BY: KE	SCALE: To Scale@A4	PROJECT NO: 21-0205.01
CHECKED BY: TA	REVISION: 1	FIGURE NO: 1
DATE: 16 March 2021		

Figure 2 – Exploratory Hole Location Plan

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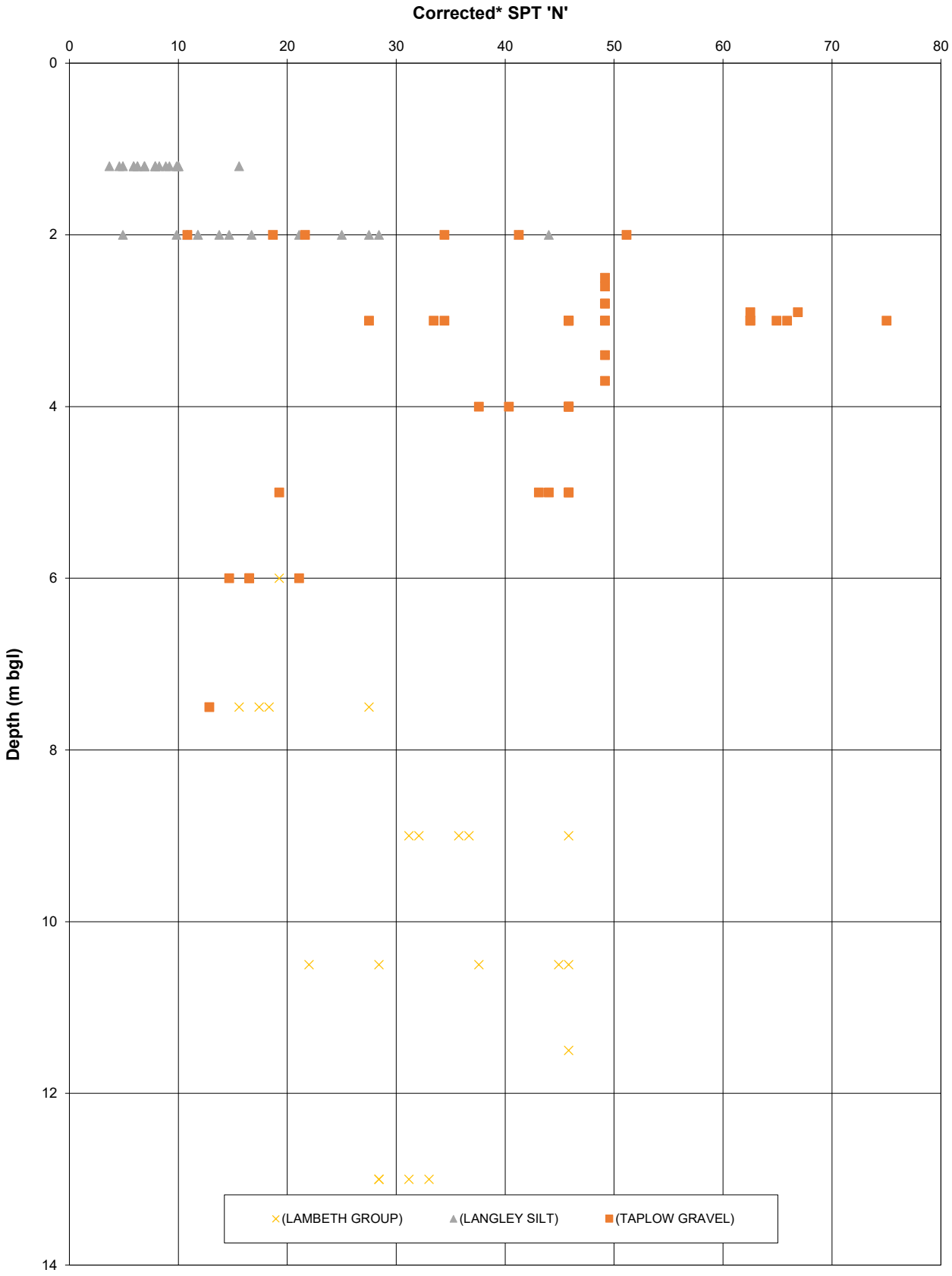
TITLE:
Exploratory Hole Location Plan
651-664 Ajax Avenue
Slough

DRAWN BY: NW	SCALE: Not to Scale	PROJECT NO: 21-0205.01
CHECKED BY: TA	REVISION: 1	FIGURE NO: 1
DATE: 25 March 2021		

Figure 3 – Corrected SPT Results



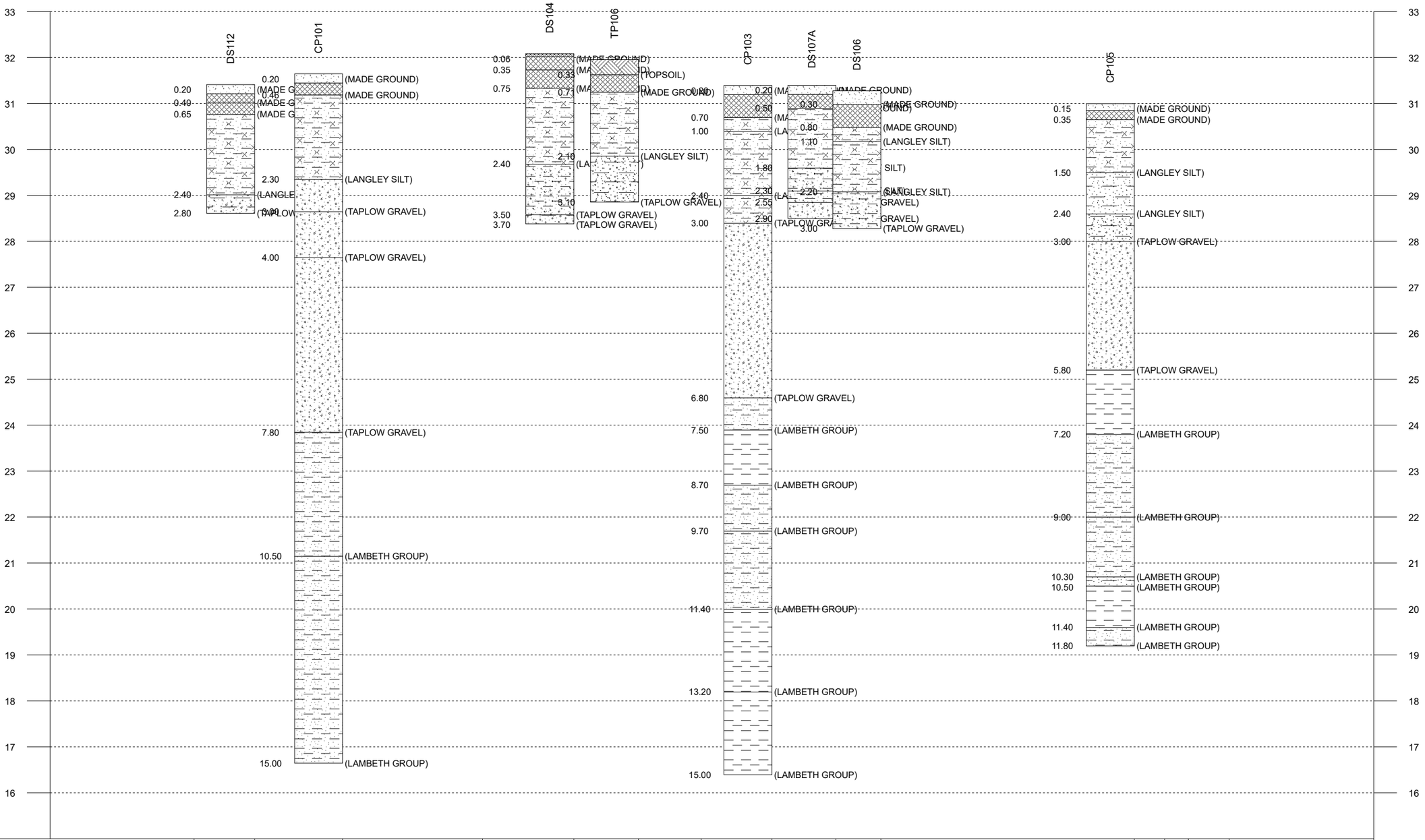
* Corrected for Energy Ratio only

deltasimons	TITLE: Corrected* SPT, Depth and Strata Type Ajax Avenue, Slough Slough	DWN: TA	PROJECT NO: 21-0205.01
		DATE: 29/03/2021	FIGURE NO: 3

Figure 4 – Geological Cross Sections

Legend Key

- Bituminous Material
- MADE GROUND
- TOPSOIL
- CONCRETE
- Silty sandy CLAY
- Clayey gravelly SAND
- Sandy gravelly CLAY
- Clayey SAND
- Sandy GRAVEL
- Clayey sandy GRAVEL
- CLAY
- Sandy CLAY



15.00

Chainage (m)	0.00	18.81	46.09	89.50	117.81	137.87	157.31	179.24	199.09	213.04	291.67	301.07	308.43	321.10
Offset (m)	5.89	0.36	12.71	0.71	5.09	13.33	6.91	2.06	13.78	1.69	2.53	0.30		
Elevation (mAOD)	31.41	31.64	31.44	32.08	31.95	31.60	31.39	31.40	31.28	31.00	30.96	30.96		

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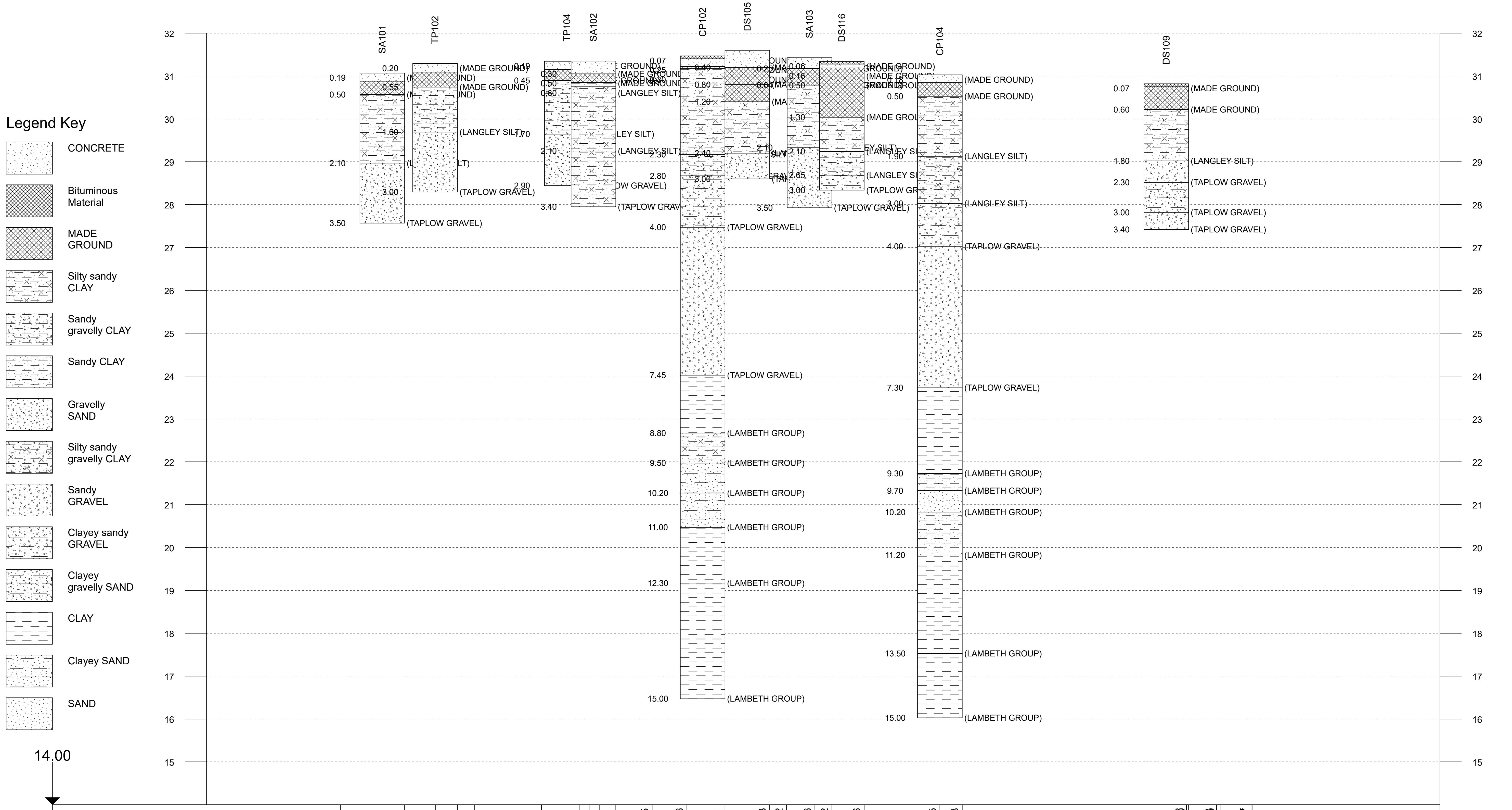
TITLE:
Section A-A'
Ajax Avenue, Slough
Slough

DRAWN BY: Harry Whittle	ENGINEER: Tom Ambler	VERTICAL SCALE: 1:90	PROJECT NO: 21-0205.01
CHECKED BY: Simon Steele	REVISION: 1	HORIZONTAL SCALE: 1:1283	FIGURE NO: 4a
DATE: 8th June 2021	CLIENT: SEGRO Plc		



Chainage (m)	0.00	23.24	34.51	42.41	48.57	72.96	86.88	90.27	94.11	99.94	113.15	125.76	139.61	155.83	161.92	172.26	178.42	190.16	217.65	225.78	307.00	308.00	318.13	319.72	330.67	331.97
Offset (m)		5.79	1.08	12.26	1.64	9.72	9.24	9.36	16.89	9.70	4.58	3.56	2.46	2.73	16.17	2.09	4.62	9.77	15.63	0.87	13.71	3.11	1.06	2.87		
Elevation (mAOD)		31.07	31.50	31.29	31.50	31.50	31.50	31.34	31.44	31.35	31.60	31.60	31.47	31.60	31.60	31.60	31.43	31.34	31.28	31.03	30.83	30.82	30.85	30.83		

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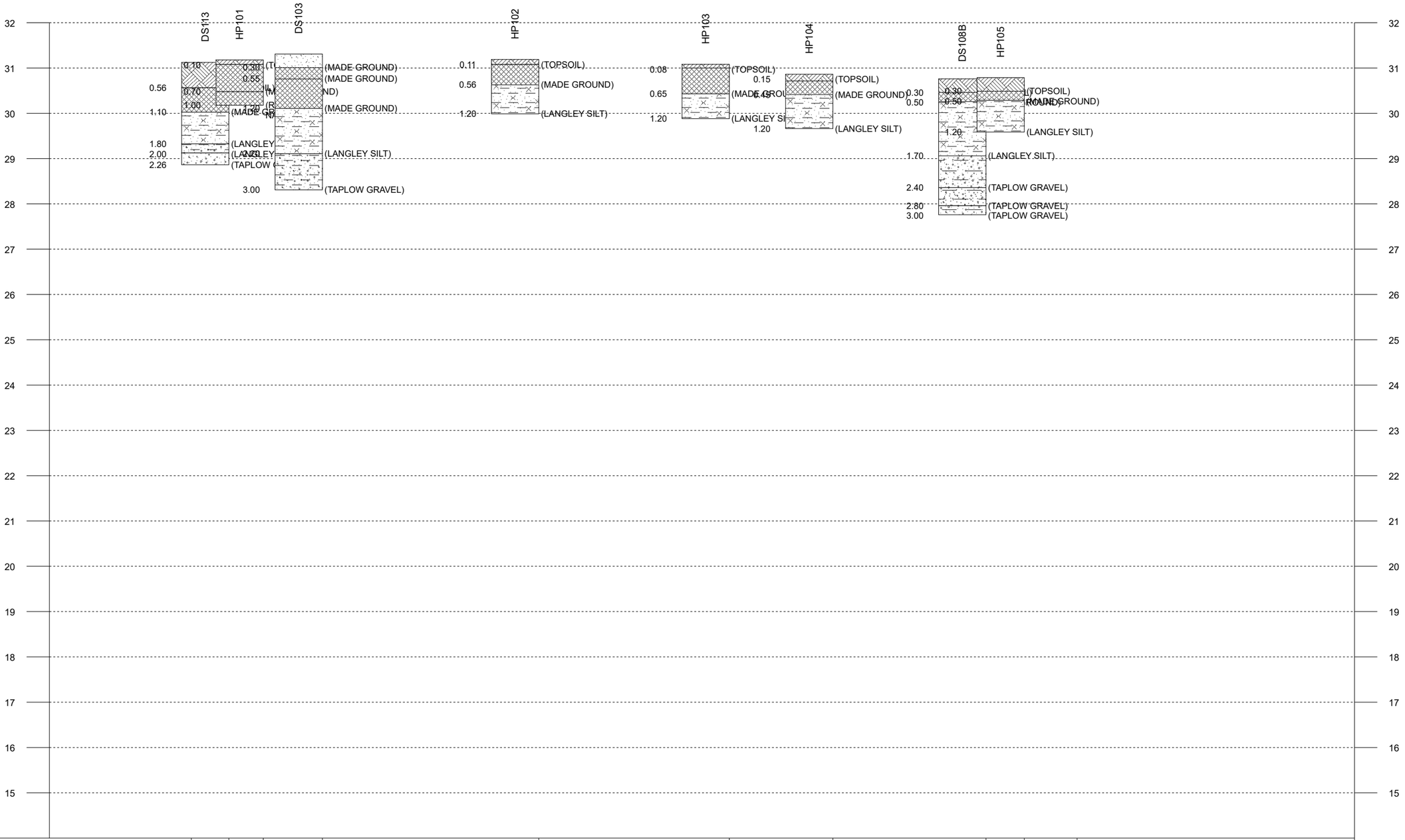
Environment - Health & Safety - Sustainability

TITLE:
Section B-B'
Ajax Avenue, Slough
Slough

DRAWN BY: Harry Whittle	ENGINEER: Tom Ambler	VERTICAL SCALE: 1:90	**PROJECT NO:** 21-0205.01
CHECKED BY: Simon Steele	REVISION: 1	HORIZONTAL SCALE: 1:1400	**FIGURE NO:** **4b**
DATE: 8th June 2021	**CLIENT:** SEGRO Plc		



Legend Key

- CONCRETE
- TOPSOIL
- MADE GROUND
- Silty sandy CLAY
- Sandy gravelly CLAY
- Sandy GRAVEL
- Clayey sandy GRAVEL
- Clayey gravelly SAND

14.00

Chainage (m)	0.00	12.92	24.73	45.00	119.29	184.71	220.26	272.80	285.96	304.08
Offset (m)	2.62	4.06	3.08	1.78	1.09	2.43	2.92	2.38		
Elevation (mAOD)	31.13	31.18	31.31	31.19	31.08	30.86	30.76	30.79		

deltasimons
Environment - Health & Safety - Sustainability

TITLE:
Section C-C'
Ajax Avenue, Slough
Slough

DRAWN BY: Harry Whittle	ENGINEER: Tom Ambler	VERTICAL SCALE: 1:90	PROJECT NO: 21-0205.01
CHECKED BY: Simon Steele	REVISION: 1	HORIZONTAL SCALE: 1:1400	FIGURE NO: 4c
DATE: 8th June 2021	CLIENT: SEGRO Plc		

Figure 5 – Made Ground Contour Plots

Figure 5

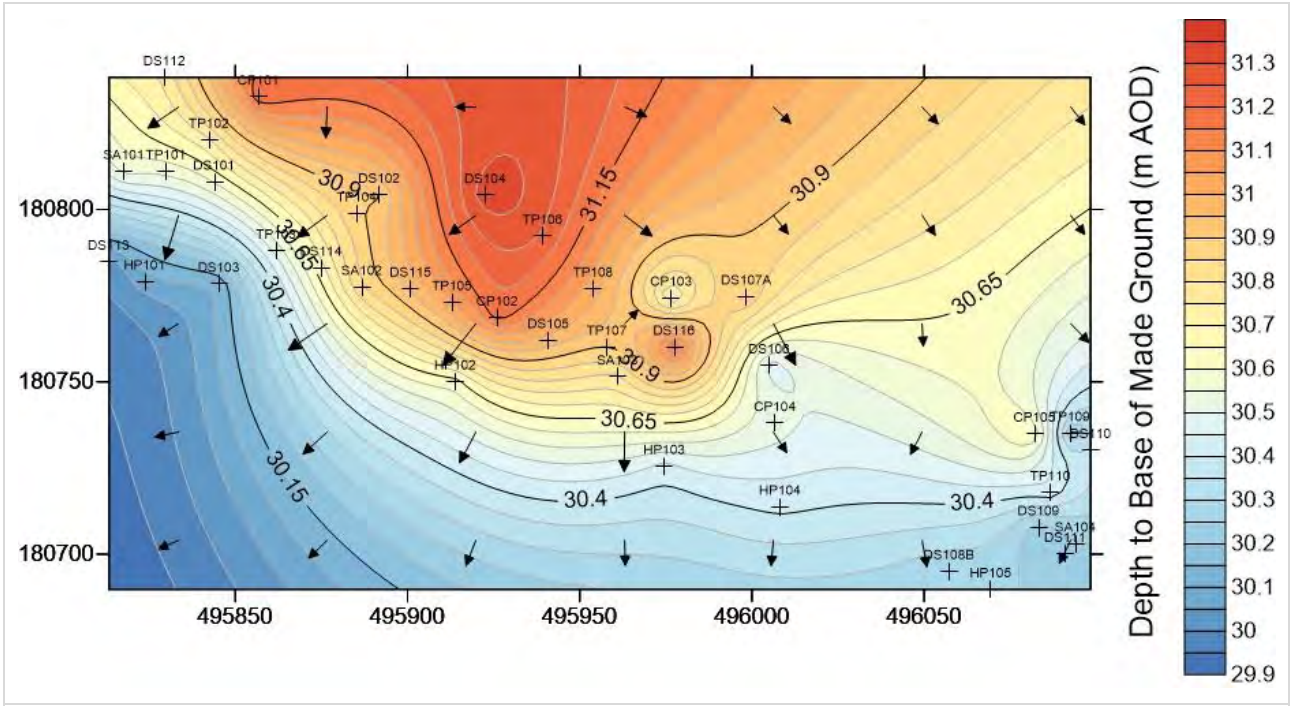


Figure 5a – Depth to base of Made Ground (m AOD)

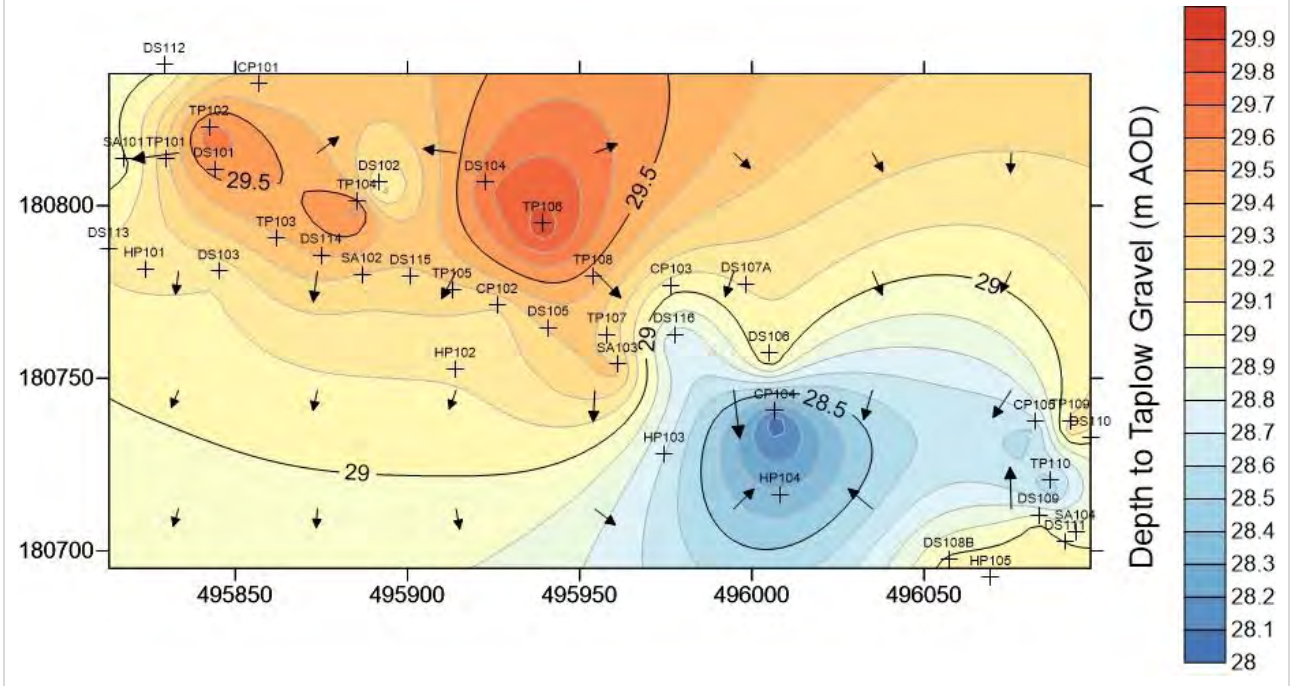
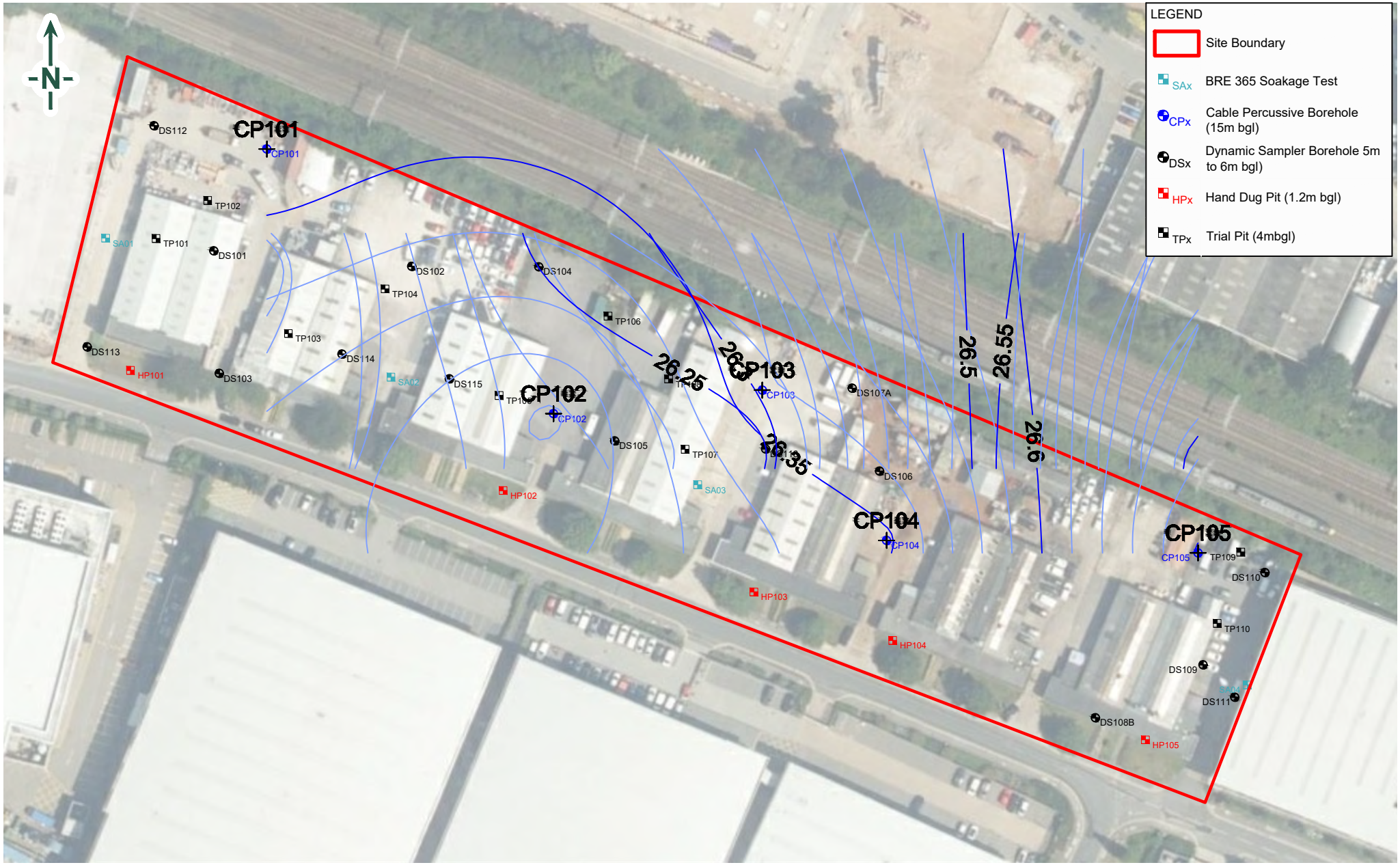


Figure 5b – Depth to Taplow Gravel (m AOD)

Figure 6 – Interpolated Groundwater Plots



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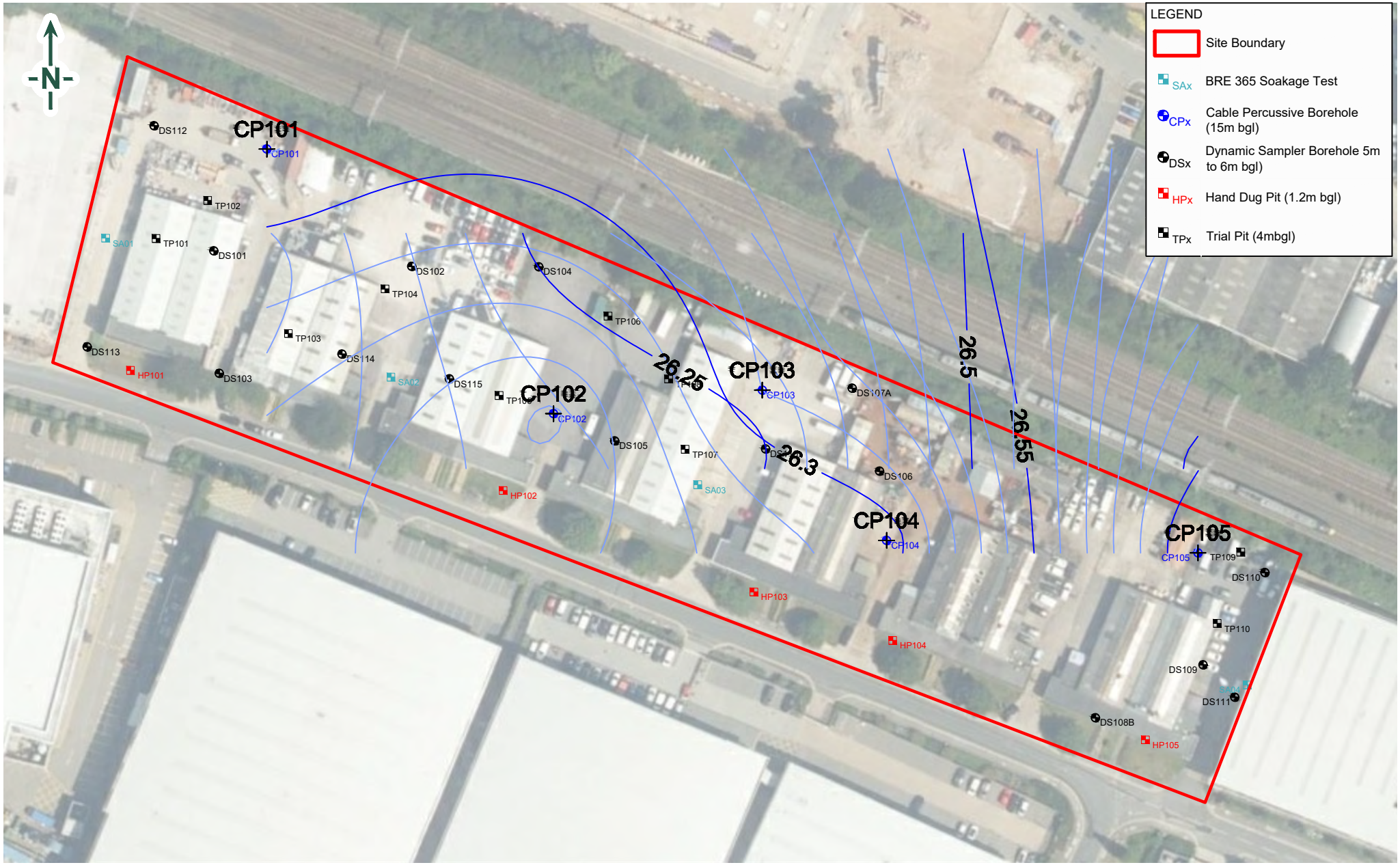
TITLE:
Ground Water Flow Plot (Round 1)
651-664 Ajax Avenue
Slough

DRAWN BY: NW	SCALE: Not to Scale	PROJECT NO: 21-0205.01
CHECKED BY: TA	REVISION: 1	FIGURE NO: 6a
DATE: 16 April 2021		



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TITLE:
Ground Water Flow Plot (Round 2)
651-664 Ajax Avenue
Slough

DRAWN BY: NW	SCALE: Not to Scale	PROJECT NO: 21-0205.01
CHECKED BY: TA	REVISION: 1	FIGURE NO: 6b
DATE: 16 April 2021		

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TITLE:
Ground Water Flow Plot (Round 3)
651-664 Ajax Avenue
Slough

DRAWN BY: NW	SCALE: Not to Scale	PROJECT NO: 21-0205.01	
CHECKED BY: TA	REVISION: 1	FIGURE NO: 6c	
DATE: 16 April 2021			

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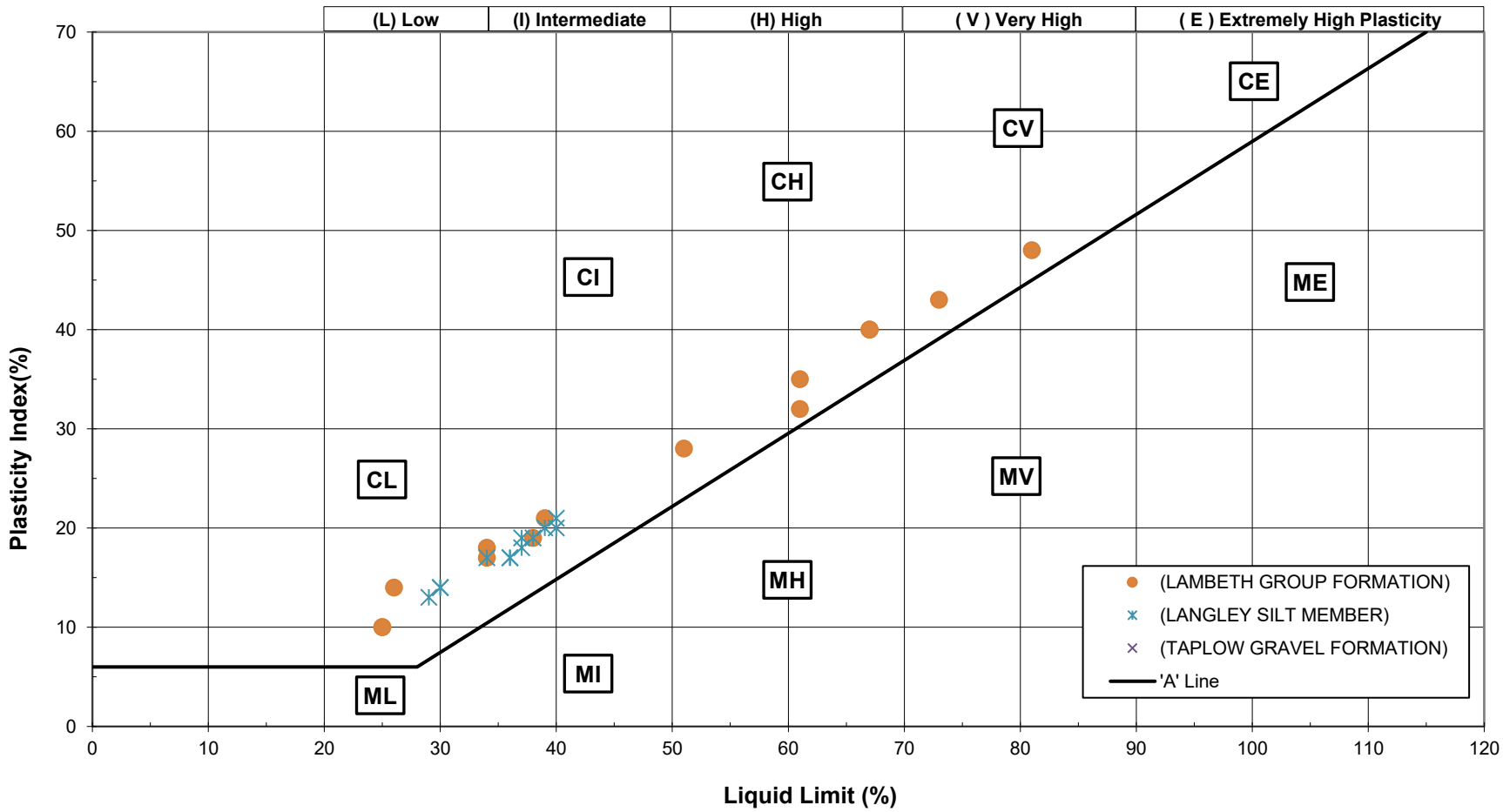
TITLE:
Ground Water Flow Plot (Round 4)
651-664 Ajax Avenue
Slough

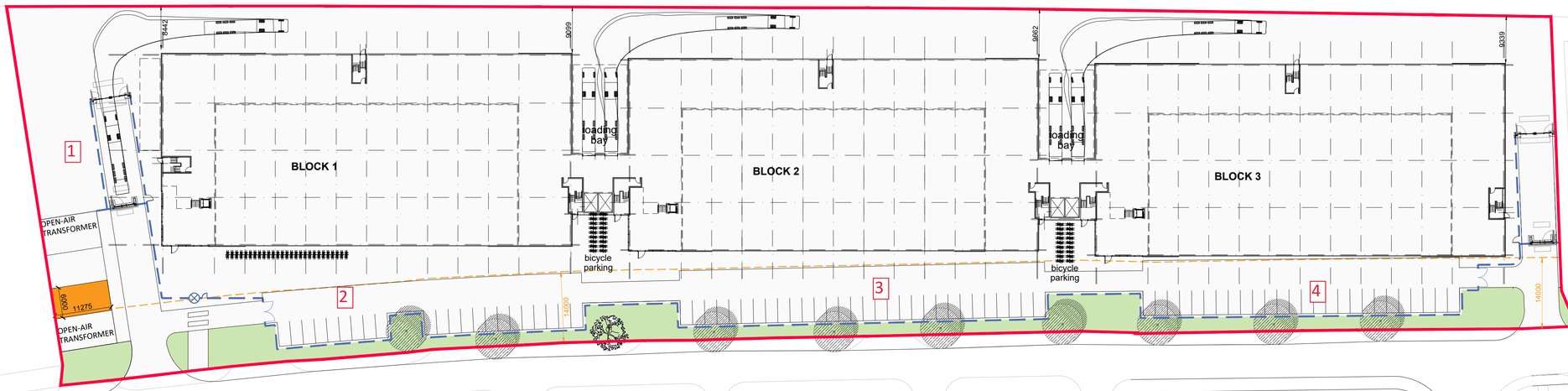
DRAWN BY: NW	SCALE: Not to Scale	PROJECT NO: 21-0205.01
CHECKED BY: TA	REVISION: 1	FIGURE NO: 6d
DATE: 16 April 2021		

Figure 7 – A-Line Plots



deltasimons	TITLE: Plasticity Chart - All Soils 651 - 664 Ajax Avenue, Slough	DWN: TA	PROJECT NO: 21-0205.01
		DATE: 12 April 2021	FIGURE NO: 7

Drawing 1 – Proposed Development Plan



P2: 17/02/21
Update based on latest GTR site plan and AFL floor plan

SEGRO AFL

Revisions

Job Title
PROPOSED DATA CENTRE

Location
651-658 AJAX AVENUE
SLOUGH TRADING ESTATE

Drawing Title
SITE PLAN

Date 14/01/21 Drawn

Scale 1:500 @ A1 Checked

ALL DIMENSIONS TO BE CHECKED ON SITE. DO NOT SCALE

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Dwg no. 4640-AFL-002

Revision P2

Appendix A – Limitations

Limitations

The amount of exploratory work and chemical testing undertaken has necessarily been restricted by the timescale available, and the locations of exploratory holes have been restricted to the areas unoccupied by the building(s) on the Site, by overhead cables and by buried services.

The exploratory holes undertaken, which investigate only a small volume of the ground in relation to the size of the Property, can only provide a general indication of Site conditions. The opinions provided, and recommendations given in this report are based on the ground conditions apparent at the site of each of the exploratory holes. There may be exceptional ground conditions elsewhere on the Property which have not been disclosed by this investigation and which have therefore, not been taken into account in this report.

The comments made on groundwater conditions are based on observations made at the time that site work was carried out. It should be noted that groundwater levels will vary owing to seasonal, tidal, and weather-related effects.

The scope of this investigation was selected on the basis of the specific development proposed by the Client and may be inappropriate to another form of development or scheme.

Appendix B – Site Photographs

Site Photographs

Photograph 1 – View of Ajax Avenue and light blue hoarding fence panels preventing access to 651-658 Ajax Avenue

Photograph 2 – Typical access route into the Site's untenanted external yard areas

Photograph 3 – Typical internal warehouses at the Site with electronic roller shutters (653 Ajax Avenue)

Photograph 4 – Typical internal warehouses at the Site with manual roller shutters (658 Ajax Avenue)

Photograph 5 – Typical yard area (654 Ajax Avenue) laid to concrete with metal fencing subdividing properties

Photograph 6 – Typical brick warehouse (655 Ajax Avenue) with windows and corrugated iron roofing

Photograph 7 – Typical brick warehouse (654 Ajax Avenue) with windows and corrugated iron roofing.

Photograph 8 – Typical brick warehouse (656 Ajax Avenue) with windows and corrugated iron roofing. External yard area laid to tarmac

Photograph 9 – Soft landscaping along Ajax Avenue frontage

Photograph 10 – Entrance into 659 Ajax Avenue

Photograph 11 – Unknown outbuilding in 660 Ajax Avenue external areas

Photograph 12 – Wooden pallets, empty chemical drums and large 'cookers' stored to the rear of 660 Ajax Avenue

Photograph 13 – Soft landscaping along Ajax Avenue frontage

Appendix G – Risk Definitions

Contaminated Land Risk Definitions

The following methodology is based on the methodology presented in CIRIA C552 Contaminated Land Risk Assessment: A Guide to Good Practice 2001. It requires the classification of the:

- Magnitude of the potential consequence (severity) of the Risk occurring: and
- Magnitude of the Probability (likelihood) of the Risk occurring.

The classifications are then compared to indicate the risk presented by each pollutant linkage.

Consequence to Receptor Definition Matrix

	Human Health	Controlled Waters	Buildings/Services
Severe Consequence	Acute or chronic permanent impact on human health.	Sensitive controlled water pollution ongoing, or just about to occur.	Catastrophic collapse
Medium Consequence	Chronic permanent impact on human health	Gradual pollution of sensitive controlled water	Degradation of materials
Mild Consequence	Chronic temporary impact on human health	Gradual pollution of non-sensitive controlled water	Damage to building rendering it unsafe.to occupy (eg foundation damage resulting in instability).
Minor Consequence	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc).	Slight discoloration of water	Easily repairable effects of damage to buildings, structures and services, i.e discoloration of concrete

Probability Definitions

Probability	Definition in Context
Higher	There is a pollution linkage and an event that either appears very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution. Positive evidence of source, pathway and receptor.
Likely	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term. Suspect source, pathway, and receptor
Low Likelihood	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term No evidence of hazard, pathway, and receptor

Standard Risk Matrix

		Consequence/Magnitude of impact			
		Severe	Medium	Mild	Minor
Probability	**High**	Very High	High	Moderate	Moderate/Low
	Likely	High	Moderate	Moderate/low	Low
	Low Likelihood	Moderate	Moderate/low	Low	Very Low
	Unlikely	Moderate/low	Low	Very Low	Very Low

Classified risks and likely action

Significance Level	Definition/Comments
Very High Risk	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required. Demonstrable contaminated land situation, highest threat & liability level, urgent action recommended.
High Risk	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term. Likely contaminated land situation, risk assessment and action recommended.
Moderate	It is possible that harm could arise to a designated receptor from an identified hazard. However, if is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term. Plausible contaminated land situation, risk assessment and possible action recommended.
Low Risk	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild. Unlikely contaminated land situation, possible risk assessment and possible action.
Very Low Risk	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe. Negligible risk, no action recommended except vigilance for changes in conditions.

Geotechnical Risk Classification

The geohazards listed in the report within Section 4 follow guidance presented in Clayton, C.R.I. (2001) *Managing Geotechnical Risk*, Thomas Telford and the Highways Agency document CD622 '*Managing Geotechnical Risk*' (2008) which aims to identify and manage the geotechnical risks associated with a scheme throughout its lifespan, from planning to construction to maintenance.

For each geohazard the probability of the hazard occurring (P) has been considered together with the impact it would have (I) if it were to happen to calculate the risk rating between 1 and 25.

Risks that fall within Moderate, Significant and Severe categories below are considered to be ***substantial*** and are therefore listed within the report.

Probability	**(P)**
Very Likely (VLk)	5
Likely (Lk)	4
Plausible (P)	3
Unlikely (U)	2
Very Unlikely (VU)	1

X

Impact	**(I)**
Very High (VH)	5
High (H)	4
Medium (M)	3
Low (L)	2
Very Low (VL)	1

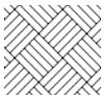
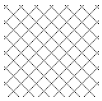
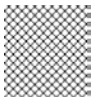
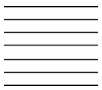
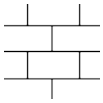
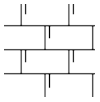
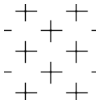
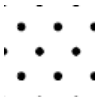
=

(R)	**Risk**
20 – 25	Severe
15 – 19	Substantial
10 – 14	Moderate
5 – 9	Minor
1 – 4	Negligible

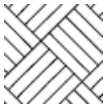
Appendix H – Borehole Logs, SPT Calibrations Certificate, DCP CBR Logs

KEY TO BOREHOLE AND TRIAL PIT LOGS

MATERIAL LEGENDS

	Topsoil		Made Ground		Bituminous Material
	Concrete		Clay		Silt
	Sand		Gravel		Peat
	Cobbles		Boulders		Mudstone
	Siltstone		Sandstone		Limestone
	Chalk		Coal		Breccia
	Conglomerate		Igneous		Metamorphic
	Pyroclastic (volcanic ash)		Gypsum		Shale
	Ironstone		Bedrock (Unidentified)		Void

INSTALLATION/BACKFILL LEGENDS

	Sand		Gravel		Bentonite/Grout
	Arisings		Concrete		Plain Pipe
	Slotted Pipe				

Legend symbols in general accordance with BS 5930:1999+A2:2010 and standard industry practice.

KEY TO BOREHOLE AND TRIAL PIT LOGS

SAMPLE TYPES

ACM	Asbestos Containing Material Sample
B	Bulk Disturbed Sample
BLK	Block Sample
C	Core Sample
CBR	Undisturbed Sample for California Bearing Ratio Test – 154mm diameter
D	Disturbed Sample - Tub
ES	Soil Sample for Environmental Testing
EW	Water Sample for Environmental Testing
G	Gas Sample
U	Undisturbed Driven Tube Sample – 70/102mm diameter, 450mm long
W	Water Sample

TEST TYPES

CPT	Cone Penetrometer Test (kN/m^2)
FID	Flame Ionisation Detector Test (ppm)
HV	In-Situ Hand Sheer Vane Test (kN/m^2)
PID	Photoionisation Detector Test (ppm)
SPT (S)	Standard Penetration Test – Split Spoon Sampler
SPT (C)	Standard Penetration Test – Solid 60 Degree Cone

CORE DETAILS

If	Fracture Spacing (mm) – Minimum, Average, Maximum
NI	Non-Intact where >25 fracture spacings per metre
TCR	Total Core Recovery (%)
SCR	Solid Core Recovery (%)
RQD	Rock Quality Designation (%)
AF	Air Flush Return (%)
WF	Water Flush Return (%)

WATER COLUMN DETAILS

	Water Strike
	Water Level

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Project No:	Hole ID:	Page:
21-0205.01	CP101	1 of 2

Project: **Ajax Avenue, Slough**

Cable Percussive Borehole Log

Date: **08/03/2021 - 09/03/2021**

Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.20	(0.20)	31.44							
		0.46	(0.26)	31.18			0.30	ES1			
							0.50	D1			
MADE GROUND: Soft blackish brown slightly sandy gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick and flint.							0.70	ES2			
							0.80	D2			
							1.20	D3	1.20	SPT(S)N=17 (1,4/4,4,5,4)	
Soft brown sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)			(1.84)				1.20 - 1.70	B1			
							2.00	D4	2.00	SPT(S)N=48 (3,5/8,11,12,17)	
		2.30		29.34							
Dense light brown sandy angular to subangular GRAVEL of flint. Sand is fine to medium. (TAPLOW GRAVEL)			(0.70)				2.50 - 3.00	B2			
		3.00		28.64							
Very dense light brown very sandy angular to subangular fine to coarse GRAVEL of flint. Sand is fine to medium. (TAPLOW GRAVEL)			(1.00)				3.00	D5	3.00	SPT(C)50 (3,10/50 for 60mm)	
							3.50 - 4.00	B3			
		4.00		27.64							
Very dense brown sandy angular to subangular fine to coarse GRAVEL of flint. Sand is fine to medium. (TAPLOW GRAVEL)							4.00	D6	4.00	SPT(C)50 (8,17/50 for 150mm)	
						4.40	4.50 - 5.00	B4			
							5.00	D7	5.00	SPT(C)50 (14,18/50 for 70mm)	
							5.50 - 6.00	B5			
			(3.80)			6.00					
Medium dense at 6 to 7.5 m bgl							6.00	D8	6.00	SPT(C)N=18 (2,3/4,5,5,4)	
							6.50 - 7.00	B6			
						7.50					
		7.80		23.84			7.50	D9	7.50	SPT(C)N=14 (1,2/2,3,4,5)	
Firm light brown becoming black slightly sandy gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (LAMBETH GROUP)					150		8.00	D10			
							8.50	D11			
						8.70	8.70	D12			
			(2.70)				9.00	D13	9.00	SPT(S)N=39 (2,4/6,6,13,14)	
							9.50 - 10.00	B7			
		10.50		21.14							
Firm light brown slightly sandy CLAY. Sand is fine to medium. (LAMBETH GROUP)							10.50	D14	10.50	SPT(S)N=24 (3,5/5,5,7,7)	
							11.00	D15			

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was encountered at 6.0 m and 8.7 m bgl.7. SPT Hammer ID 5. Energy Ratio 55%.

Water Strikes			Water Level		Chiselling	
Date	Depth (m)	Remarks	Duration	Standing	Depth Top	Duration
08/03/2021	6.00		20 min	4.40	0.00	01:00
09/03/2021	8.70		20 min	7.50		

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale (m):
E495856.82 N180832.62	31.64	SI Drilling	Dando 2000	TA	HB	SP	1:57

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Project No: 21-0205.01 | Hole ID: CP101 | Page: 2 of 2

Project: Ajax Avenue, Slough

Cable Percussive Borehole Log

Date: 08/03/2021 - 09/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details		Test Details		Backfill
							Depth (m)	Type & Ref	Depth (m)	Results	
Firm light brown slightly sandy CLAY. Sand is fine to medium. (LAMBETH GROUP)			(4.50)				11.50	U1	11.50	U=100 Blows for 35%	
							12.00	D16			
							12.50	D17			
							13.00	D18	13.00	SPT(S)N=36 (3,6/7,7,10,12)	
							13.40 - 14.00	B8			
							14.00	D19			
							14.50	U2	14.50	U=100 Blows for 40%	
		15.00		16.64			15.00	D20			
Borehole complete at 15.00 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was encountered at 6.0 m and 8.7 m bgl.7. SPT Hammer ID 5. Energy Ratio 55%.

Water Strikes			Water Level		Chiselling	
Date	Depth (m)	Remarks	Duration	Standing	Depth Top	Duration
08/03/2021	6.00		20 min	4.40	0.00	01:00
09/03/2021	8.70		20 min	7.50		

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale (m):
E495856.82 N180832.62	31.64	SI Drilling	Dando 2000	TA	HB	SP	1:57

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Project No: 21-0205.01 | Hole ID: CP102 | Page: 1 of 2

Project: Ajax Avenue, Slough

Cable Percussive Borehole Log

Date: 09/03/2021 - 10/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: MACADAM recovered as angular to subangular fine to coarse GRAVEL.		0.07	(0.18)	31.40							
		0.25		31.22			0.28	ES1			
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.30		31.17			0.50 0.50	D1 ES2			
MADE GROUND: Loose to medium dense light brown very gravelly fine to coarse SAND. Gravel is angular to subangular fine to medium of brick and concrete.			(2.00)				1.00 1.20 1.20 - 1.70 1.50	D2 D3 B1 ES3	1.20	SPT(S)N=4 (1,1/1,1,1,1)	
Soft dark orangish brown sandy silty CLAY. Sand is fine. (LANGLEY SILT)		2.30		29.17			2.00	D4	2.00	SPT(S)N=15 (1,1/2,3,5,5)	
Soft orangish brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium of flint. Sand is fine to medium. (TAPLOW GRAVEL)		2.80	(0.50)	28.67			2.50 2.50 - 3.00	ES4 B2			
Dense to very dense brown, orangish brown and black sandy slightly clayey subangular to subrounded fine to medium GRAVEL of flint. Sand is fine to medium. (TAPLOW GRAVEL)		4.00	(1.20)	27.47			3.00 3.00 3.50 - 4.00	D5 ES5 B3	3.00	SPT(C)50 (5,9/50 for 170mm)	
Dense to very dense brown, orangish brown and black sandy subangular to subrounded fine to coarse GRAVEL of flint. Sand is fine to coarse. (TAPLOW GRAVEL)							4.00 4.50 - 5.00	D6 B4	4.00	SPT(C)N=44 (2,2/4,6,15,19)	
						4.90	5.00	D7	5.00	SPT(C)50 (3,9/50 for 155mm)	
			(3.45)				5.50 - 6.00	B5			
Medium dense at 6 to 7.45 m bgl							6.00 6.00 6.00 - 7.00	D8 ES6 B6	6.00	SPT(C)N=18 (4,5/4,4,5,5)	
						6.40 ▼					
						7.20					
		7.45		24.02							
Firm grey mottled brown CLAY. (LAMBETH GROUP)			(1.35)				7.50 7.65 8.00 - 8.50	D9 ES7 B7	7.50	SPT(S)N=19 (1,2/3,4,5,7)	
		8.80		22.67			8.70	D10			
Very dense brown silty fine to medium SAND with some pockets (<5mm) of clay. (LAMBETH GROUP)			(0.70)			9.00 ▼	9.00 9.00 9.50 - 10.00	D11 ES8 B8	9.00	SPT(S)50 (3,7/50 for 155mm)	
		9.50		21.97							
Brown clayey fine to medium SAND. (LAMBETH GROUP)			(0.70)								
		10.20		21.27							
Firm brown very sandy CLAY. (LAMBETH GROUP)			(0.80)				10.50	D12	10.50	SPT(S)N=49 (2,4/9,10,14,16)	
		11.00		20.47							

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was encountered at 6.4 m and 9.0 m bgl.7. SPT Hammer ID 5. Energy Ratio 55%.

Water Strikes			Water Level		Chiselling	
Date	Depth (m)	Remarks	Duration	Standing	Depth Top	Duration
15/03/2021	6.40		20 min	4.90	0.00	01:00
15/03/2021	9.00		20 min	7.20		

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale (m):
E495926.17 N180768.60	31.47	SI Drilling	Dando 2000	TA	HB	SP	1:57

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Project No: 21-0205.01 | Hole ID: CP102 | Page: 2 of 2

Project: Ajax Avenue, Slough

Cable Percussive Borehole Log

Date: 09/03/2021 - 10/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
Stiff grey CLAY. (LAMBETH GROUP)			(1.30)		150		11.30	D13			
							11.50 - 11.95	U1	11.50	U=100 Blows for 40%	
							12.00	D14			
		12.30		19.17							
Stiff grey mottled red CLAY. (LAMBETH GROUP)			(2.70)				12.50	ES9			
							12.50 - 13.00	B9			
							13.00	D15	13.00	SPT(S)N=31 (2,4/6,7,8,10)	
							13.50 - 14.00	B10			
							14.00	D16			
							14.50 - 14.95	U2	14.50	U=100 Blows for 40%	
		15.00		16.47							
Borehole complete at 15.00 m bgl.							15.00	D17			

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was encountered at 6.4 m and 9.0 m bgl.7. SPT Hammer ID 5. Energy Ratio 55%.

Water Strikes: Date	Depth (m)	Remarks	Water Level: Duration	Standing	Chiselling: Depth Top	Duration
15/03/2021	6.40		20 min	4.90	0.00	01:00
15/03/2021	9.00		20 min	7.20		

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale (m):
E495926.17 N180768.60	31.47	SI Drilling	Dando 2000	TA	HB	SP	1:57

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Project No: 21-0205.01 | Hole ID: CP103 | Page: 1 of 2

Project: Ajax Avenue, Slough

Cable Percussive Borehole Log

Date: 10/03/2021 - 11/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: CONCRETE recovered as 200 mm diameter core.		0.20	(0.20)	31.19							
MADE GROUND: Blackish brown sandy slightly clayey angular to subangular fine to coarse GRAVEL of brick, concrete and sandstone.		0.70	(0.50)	30.69			0.35 0.50	ES1 D1			
Soft dark orangiesh brown mottled blackish brown slightly sandy silty CLAY. (LANGLEY SILT)		1.00	(0.30)	30.39			0.80 0.90	D2 ES2			
Soft becoming firm dark orangish brown slightly sandy silty CLAY. (LANGLEY SILT)		2.40	(1.40)	28.99			1.20 1.20 - 1.70 2.00	D3 B1 D4	1.20 2.00	SPT(S)N=10 (1,1/2,2,3,3) SPT(S)N=16 (1,2/2,3,5,6)	
Dense to very dense orangish brown, black and grey sandy slightly clayey angular to subrounded fine to medium GRAVEL of flint. Sand is medium to coarse. (TAPLOW GRAVEL)		3.00	(0.60)	28.39			2.50 - 3.00 3.00	B2 D5	3.00	SPT(C)50 (3,6/50 for 180mm)	
Dense to very dense black, brown and grey slightly sandy subangular to subrounded fine to coarse GRAVEL of flint. Sand is medium to coarse. (TAPLOW GRAVEL)			(3.80)			5.50	3.50 - 4.00 4.00 4.50 - 5.00 5.00	B3 D6 B4 D7	4.00 5.00	SPT(C)N=41 (1,8/9,9,10,13) SPT(C)N=47 (3,4/7,10,14,16)	
Medium dense at 6 to 6.8 m bgl						6.20	6.00	D8	6.00	SPT(C)N=23 (1,2/3,7,6,7)	
Soft brown slightly sandy silty CLAY. Sand is fine to coarse. (LAMBETH GROUP)		6.80		24.59	150	7.00	6.80 7.00 - 7.50	D9 B5			
Firm brown mottled grey CLAY. (LAMBETH GROUP)		7.50	(0.70)	23.89			7.50 7.50 8.00 - 8.50	D10 ES3 B6	7.50	SPT(S)N=20 (1,3/3,5,5,7)	
Firm grey mottled brown sandy CLAY. (LAMBETH GROUP)		8.70	(1.20)	22.69			8.70 9.00	D11 D12	9.00	SPT(S)N=40 (6,6/8,10,10,12)	
Soft light brownish grey very sandy CLAY. (LAMBETH GROUP)		9.70	(1.00)	21.69		9.80	9.70 10.50	D13 D14	10.50	SPT(S)N=41 (3,5/11,11,8,11)	
			(1.70)								

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was encountered at 6.2 m and 9.8m bgl.7. SPT Hammer ID 5. Energy Ratio 55%.

Water Strikes			Water Level		Chiselling	
Date	Depth (m)	Remarks	Duration	Standing	Depth Top	Duration
09/03/2021	6.20		20 min	5.50	0.00	01:00
10/03/2021	9.80		20 min	7.00		

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale (m):
E495976.68 N180774.30	31.39	SI Drilling	Dando 2000	TA	HB	SP	1:57

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Project No: 21-0205.01 | Hole ID: CP103 | Page: 2 of 2

Project: Ajax Avenue, Slough

Cable Percussive Borehole Log

Date: 10/03/2021 - 11/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
Soft light brownish grey very sandy CLAY. (LAMBETH GROUP)		11.40		19.99			11.40	D15	11.50	U=100 Blows for 40%	
							11.50 - 11.95	U1			
Stiff grey CLAY. (LAMBETH GROUP)			(1.80)				12.00	D16			
							12.00	ES4			
							12.00 - 12.50	B7			
		13.20		18.19			13.00	D17	13.00	SPT(S)N=31 (2,3/5,7,8,11)	
Stiff grey mottled red CLAY. (LAMBETH GROUP)							13.50 - 14.00	B8			
			(1.80)				14.00	D18			
							14.50 - 14.95	U2	14.50	U=100 Blows for 40%	
		15.00		16.39			15.00	D19			
Borehole complete at 15.00 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was encountered at 6.2 m and 9.8m bgl.7. SPT Hammer ID 5. Energy Ratio 55%.

Water Strikes			Water Level		Chiselling	
Date	Depth (m)	Remarks	Duration	Standing	Depth Top	Duration
09/03/2021	6.20		20 min	5.50	0.00	01:00
10/03/2021	9.80		20 min	7.00		

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale (m):
E495976.68 N180774.30	31.39	SI Drilling	Dando 2000	TA	HB	SP	1:57

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Project No: **21-0205.01** | Hole ID: **CP104** | Page: **1 of 2**

Project: **Ajax Avenue, Slough**

Cable Percussive Borehole Log

Date: **11/03/2021 - 12/03/2021** | Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: CONCRETE with 6mm rebar reinforcement recovered as 300 mm diameter core.		0.18	(0.18)	30.85			0.30	ES1			
		0.50	(0.32)	30.53			0.40	D1			
MADE GROUND: Dark brown gravelly fine to coarse clayey SAND. Gravel is angular to subangular fine to coarse of brick and concrete.							0.70	ES2			
							1.00	D2			
Soft dark orangish brown slightly sandy silty CLAY. Sand is fine to coarse. (LANGLEY SILT)			(1.40)				1.20	D3	1.20	SPT(S)N=5 (1,1/1,1,1,2)	
							1.20 - 1.70	B1			
Average CBR Value = 3.0%		1.90		29.13							
Firm orangish brown slightly sandy gravelly CLAY. Gravel is angular to subangular fine to medium of flint. Sand is fine to coarse. (LANGLEY SILT)			(1.10)				2.00	D4	2.00	SPT(C)N=23 (6 for 0mm/23 for 0mm)	
							2.20	ES3			
							2.50 - 3.00	B2			
		3.00		28.03							
Dense orangish brown sandy slightly clayey angular to subrounded fine to medium GRAVEL of flint. Sand is medium to coarse. (TAPLOW GRAVEL)			(1.00)				3.00	D5	3.00	SPT(C)N=30 (9 for 0mm/30 for 0mm)	
							3.00 - 3.50	B3			
							3.20	ES4			
		4.00		27.03							
Dense to very dense black, brown and grey slightly sandy subangular to subrounded fine to coarse GRAVEL of flint. Sand is medium to coarse. (TAPLOW GRAVEL)			(3.30)				4.00	D6	4.00	SPT(C)50 (3,17/50 for 55mm)	
							4.50 - 5.00	B4			
						5.00	5.00	D7	5.00	SPT(C)N=48 (3,5/7,15,24,2)	
						6.00	6.00	D8	6.00	SPT(C)N=16 (1,2/3,4,4,5)	
Medium dense at 6 to 7.3 m bgl											
						6.60	6.50 - 7.00	B5			
					150						
		7.30		23.73							
Soft becoming firm brown mottled grey CLAY. (LAMBETH GROUP)			(2.00)				7.30	D9			
							7.50	D10	7.50	SPT(S)N=17 (2,2/3,4,5,5)	
							7.50	ES5			
							8.50 - 9.00	B6			
							9.00	D11	9.00	SPT(S)N=34 (2,4/5,7,8,14)	
		9.30		21.73							
Stiff grey sandy CLAY. (LAMBETH GROUP)		9.70	(0.40)	21.33		9.70	9.70	D12			
Brown clayey medium to coarse SAND. (LAMBETH GROUP)		10.20	(0.50)	20.83			10.20	D13			
Firm grey sandy CLAY. (LAMBETH GROUP)			(1.00)				10.50	D14	10.50	SPT(S)50 (4,10/50 for 70mm)	

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was encountered at 6.0 m and 9.7 m bgl.7. SPT Hammer ID 5. Energy Ratio 55%.

Water Strikes			Water Level		Chiselling	
Date	Depth (m)	Remarks	Duration	Standing	Depth Top	Duration
10/03/2021	6.00		20 min	5.00	0.00	01:00
11/03/2021	9.70		20 min	6.60		

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale (m):
E496006.78 N180737.93	**31.03**	**SI Drilling**	**Dando 2000**	**TA**	**HB**	**SP**	**1:57**

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Project No: 21-0205.01 | Hole ID: CP104 | Page: 2 of 2

Project: Ajax Avenue, Slough

Cable Percussive Borehole Log

Date: 11/03/2021 - 12/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
Firm grey sandy CLAY. (LAMBETH GROUP)		11.20		19.83			11.20	D15			
Stiff grey mottled brown CLAY. (LAMBETH GROUP)			(2.30)				11.50 - 11.95	U1	11.50	U=100 Blows for 30%	
							11.90 12.00 - 12.50	D16 B7			
							13.00	D17	13.00	SPT(S)N=34 (3,5/7,8,9,10)	
		13.50		17.53			13.50 - 14.00	B8			
Stiff grey mottled red CLAY. (LAMBETH GROUP)			(1.50)				14.00	D18			
							14.50 - 14.95	U2	14.50	U=100 Blows for 40%	
		15.00		16.03			15.00	D19			
Borehole complete at 15.00 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was encountered at 6.0 m and 9.7 m bgl.7. SPT Hammer ID 5. Energy Ratio 55%.

Water Strikes			Water Level		Chiselling	
Date	Depth (m)	Remarks	Duration	Standing	Depth Top	Duration
10/03/2021	6.00		20 min	5.00	0.00	01:00
11/03/2021	9.70		20 min	6.60		

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale (m):
E496006.78 N180737.93	31.03	SI Drilling	Dando 2000	TA	HB	SP	1:57

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Project No: 21-0205.01 | Hole ID: CP105 | Page: 1 of 2

Project: Ajax Avenue, Slough

Cable Percussive Borehole Log

Date: 15/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: MACADAM recovered as angular to subangular fine to coarse GRAVEL.		0.15	(0.15)	30.85			0.15	ES1			
		0.35	(0.20)	30.65							
MADE GROUND: Blackish brown sandy slightly clayey angular to subangular fine to coarse GRAVEL of flint, brick and concrete.			(1.15)				0.50 0.60 1.00	D1 ES2 D2			
Soft becoming firm dark orangish brown slightly sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)		1.50		29.50			1.20 1.20 - 1.70	D3 B1	1.20	SPT(S)N=9 (1,1/2,2,2,3)	
Orangish brown clayey fine to medium SAND. (LANGLEY SILT)		2.40	(0.90)	28.60			2.00	D4	2.00	SPT(S)N=31 (3,5/6,6,8,11)	
Dense orangish brown gravelly clayey medium to coarse SAND. Gravel is angular to subangular fine to medium of flint. (TAPLOW GRAVEL)		3.00	(0.60)	28.00			2.50 - 3.00 2.60 3.00	B2 ES3 D5	3.00	SPT(C)50 (8,15/50 for 55mm)	
Very dense grey, orangish brown and black very sandy subangular to subrounded fine to coarse GRAVEL of flint. Sand is fine to coarse. (TAPLOW GRAVEL)			(2.80)				4.00 4.50 - 5.00 5.00	D6 B3 D7	4.00 5.00	SPT(C)50 (2,7/50 for 175mm) SPT(C)N=21 (3,4/4,5,6,6)	
Medium dense at 5 to 5.8 m bgl						5.00 5.50					
		5.80		25.20	150		5.80	D8			
Firm brown mottled grey CLAY. (LAMBETH GROUP)			(1.40)				6.00 6.50 - 7.00 6.70	D9 B4 ES4	6.00	SPT(S)N=21 (2,3/4,5,5,7)	
		7.20		23.80		7.00	7.20	D10			
Dense brown clayey fine to medium SAND with pockets of clay. (LAMBETH GROUP)			(1.80)			7.80 8.00	7.50 8.00 - 8.50 8.20 8.50	D11 B5 ES5 D12	7.50	SPT(S)N=30 (2,4/5,8,10,7)	
		9.00		22.00			9.00	D13	9.00	SPT(S)N=35 (3,5/8,8,8,11)	
Firm brown mottled grey sandy CLAY. (LAMBETH GROUP)			(1.30)				9.50 - 10.00	B6			
		10.30		20.70			10.30	D14			
Dense greyish brown clayey fine to medium SAND. (LAMBETH GROUP)		10.50	(0.20)	20.50			10.50	D15	10.50	SPT(S)N=31 (2,4/6,8,8,9)	
Stiff grey CLAY.			(0.90)				11.00 - 11.40	B7			

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was encountered at 5.5 m, 8.0 m and 11.4 m bgl.7. SPT Hammer ID 5. Energy Ratio 55%.

Water Strikes

Date	Depth (m)	Remarks
11/03/2021	5.50	
12/03/2021	8.00	
12/03/2021	11.40	

Water Level

Duration	Standing
20 min	5.00
20 min	7.00
20 min	7.80

Chiselling

Depth Top	Duration
0.00	01:00

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale (m):
E496082.13 N180734.93	31.00	SI Drilling	Dando 2000	TA	HB	SP	1:57

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Project No: 21-0205.01 | Hole ID: CP105 | Page: 2 of 2

Project: Ajax Avenue, Slough

Cable Percussive Borehole Log

Date: 15/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
Stiff grey CLAY. (LAMBETH GROUP)		11.40		19.60		11.40 ▼	11.40 11.50	D16 D17	11.50	SPT(S)50 (5,9/50 for 160mm)	
Stiff grey mottled brown sandy CLAY. (LAMBETH GROUP)		11.80	(0.40)	19.20							
Borehole complete at 11.80 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was encountered at 5.5 m, 8.0 m and 11.4 m bgl.7. SPT Hammer ID 5. Energy Ratio 55%.

Water Strikes: Date	Depth (m)	Remarks
11/03/2021	5.50	
12/03/2021	8.00	
12/03/2021	11.40	

Water Level: Duration	Standing
20 min	5.00
20 min	7.00
20 min	7.80

Chiselling: Depth Top	Duration
0.00	01:00

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale (m):
E496082.13 N180734.93	31.00	SI Drilling	Dando 2000	TA	HB	SP	1:57

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Project No: 21-0205.01 | Hole ID: DS101 | Page: 1 of 1

Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 10/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.40	(0.40)	31.10			0.20	D1			
MADE GROUND: Redish brown very sandy slightly clayey GRAVEL of red brick and concrete. Frequent concrete and brick cobbles. Rare anthropogenic fine gravel sized plastics.		1.00	(0.60)	30.50			0.60	ES1			
Soft becoming firm dark orangish brown slightly sandy silty CLAY. Sand is fine to coarse. (LANGLEY SILT)		2.00	(1.00)	29.50			1.20	ES2	1.20	SPT(C) N=7 (1,1/1,2,2,2)	
Firm dark orangish brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium of flint. Sand is fine to coarse. (TAPLOW GRAVEL)		2.35	(0.35)	29.15			2.20	ES3	2.00	SPT(C) N=11 (1,1/1,2,2,6)	
Very dense orangish brown and grey slightly clayey very sandy angular to subangular fine to medium GRAVEL of flint. Sand is medium to coarse. (TAPLOW GRAVEL)		2.60	(0.25)	28.90			2.50	D2	2.60	SPT(C) 50 (14,24/50 for 40mm)	
Borehole complete at 2.60 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data estimated from topographic survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID DT15172. Energy Ratio 59%.8. Borehole terminated at 2.6 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495844.00 N180808.00	31.50	Borehole Surveys	Premier 110	TA	HB	SP	1:32

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Project No: **21-0205.01**

Hole ID: **DS102**

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Project: **Ajax Avenue, Slough**

Dynamic Sampler Log

Date: **08/03/2021**

Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.10	(0.10)	31.34							
MADE GROUND: Yellowish brown SAND.		0.12	(0.43)	31.32			0.25	ES1			
MADE GROUND: Blackish brown very sandy angular to subangular fine to coarse GRAVEL of flint, brick, slag and concrete. Sand is fine to coarse with suspected high ash content. Rare pockets (<3mm) of clay.		0.55		30.89			0.60	ES2			
Soft orangish brown slightly sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)			(1.85)				0.85	ES3	1.20	SPT(C) N=7 (1,1/1,2,2,2)	
							2.20	ES4	2.00	SPT(C) N=12 (1,1/1,2,4,5)	
		2.40		29.04							
Very dense orangish brown clayey sandy angular to subangular fine to medium GRAVEL of flint. (TAPLOW GRAVEL)		2.50	(0.10)	28.94					2.50	SPT(C) 50 (22,28/50 for 10mm)	
Borehole complete at 2.50 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID DT15172. Energy Ratio 59%.8. Borehole terminated at 2.5 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495891.88 N180804.21	**31.44**	**Borehole Surveys**	**Premier 110**	**TA**	**HB**	**SP**	**1:32**

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Project No: 21-0205.01 | Hole ID: DS103 | Page: 1 of 1

Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 11/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.30	(0.30)	31.01							
MADE GROUND: Grey to brown sandy GRAVEL. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick, concrete and flint.		0.55	(0.25)	30.76			0.40	ES1			
MADE GROUND: Black sandy gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick, flint and concrete.		1.20	(0.65)	30.11			1.00	ES2			
Soft light brown slightly sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)		2.20	(1.00)	29.11			1.50	ES3	1.20	SPT(C) N=8 (2,2/2,2,2,2)	
Firm light brown slightly sandy gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)		3.00	(0.80)	28.31					2.00	SPT(C) N=22 (6,5/4,6,6,6)	
Borehole complete at 3.00 m bgl.									2.90	SPT(C) 50 (25 for 100mm/50 for 145mm)	

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID 110.9. Energy Ratio 75%.8. Borehole terminated at 3 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495845.30 N180778.34	31.31	Dynamic Sampling	Premier 110	TA	HB	SP	1:32

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Project No: 21-0205.01 | Hole ID: DS104 | Page: 1 of 1

Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 08/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: MACADAM recovered as angular to subangular fine to coarse GRAVEL.		0.06		32.02			0.15	ES1			
		0.35	(0.29)	31.73							
MADE GROUND: Blackish brown gravelly clayey fine to coarse SAND. Gravel is angular to subangular fine to coarse of brick, concrete and sandstone.							0.45	ES2			
		0.75	(0.40)	31.33							
MADE GROUND: Brown gravelly CLAY. Gravel is angular to subangular fine to coarse of flint and concrete.											
Soft slightly sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)							1.00	ES3			
									1.20	SPT(C) N=7 (1,1/1,2,2,2)	
			(1.65)				1.50	D1			
									2.00	SPT(C) N=5 (1,1/1,1,1,2)	
		2.40		29.68							
Soft dark orangish brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium of flint. Sand is fine to coarse. (TAPLOW GRAVEL)							2.50	D2			
Becoming very sandy at 2.4 m bgl.			(1.10)						3.00	SPT(C) N=34 (1,2/4,6,12,12)	
		3.50		28.58			3.50	D3			
Very dense grey and orangish brown slightly clayey sandy angular to subangular fine to medium GRAVEL of flint. (TAPLOW GRAVEL)		3.70	(0.20)	28.38					3.70	SPT(C) 50 (15,30/50 for 20mm)	
Borehole complete at 3.70 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID DT15172. Energy Ratio 59%.8. Borehole terminated at 3.7 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495922.62 N180804.12	32.08	Borehole Surveys	Premier 110	TA	HB	SP	1:32

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Project No: 21-0205.01 | Hole ID: DS105 | Page: 1 of 1

Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 11/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.40	(0.40)	31.20							
MADE GROUND: Grey sandy GRAVEL. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick, concrete and flint.		0.80	(0.40)	30.80			0.60	ES1			
MADE GROUND: Brown slightly sandy slightly gravelly silty CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint, brick and concrete.		1.20	(0.40)	30.40			1.00	ES2			
Soft brown slightly sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)		2.40	(1.20)	29.20			1.80	ES3	1.20 2.00	SPT(C) N=8 (2,2/2,2,2,2) SPT(C) N=20 (4,4/5,5,5,5)	
Very dense greyish brown slighly gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)		3.00	(0.60)	28.60					3.00	SPT(C) 60 (6,12/60 for 225mm)	
Borehole complete at 3.00 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data estimated from topographic survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID 110.9. Energy Ratio 75%.8. Borehole terminated at 3 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495941.00 N180762.00	31.60	Dynamic Sampling	Premier 110	TA	HB	SP	1:32

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Project No: 21-0205.01 | Hole ID: DS106 | Page: 1 of 1

Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 11/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.30	(0.30)	30.98							
MADE GROUND: Black sandy GRAVEL. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint, brick and concrete.		0.80	(0.50)	30.48			0.50	ES1			
Soft light brown slightly gravelly sandy silty CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (LANGLEY SILT)		1.10	(0.30)	30.18			1.00	ES2			
Soft brown slightly sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)		2.20	(1.10)	29.08			1.50	ES3	1.20	SPT(C) N=5 (1,1/2,1,1,1)	
									2.00	SPT(C) N=33 (5,5/6,7,10,10)	
Soft light brown slightly sandy gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)		3.00	(0.80)	28.28			2.50	D1			
Borehole complete at 3.00 m bgl.									3.00	SPT(C) N=50 (10,12/50 for 240mm)	

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID 110.9. Energy Ratio 75%.8. Borehole terminated at 3 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E496005.07 N180754.69	31.28	Dynamic Sampling	Premier 110	TA	HB	SP	1:32

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Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 09/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: CONCRETE recovered as 300mm diameter core.		0.20	(0.20)	31.20							
MADE GROUND: Light brown sandy angular to subangular fine to coarse GRAVEL of concrete and brick. Occcassional cobbles.		0.50	(0.30)	30.90			0.30	ES1			
Soft becoming firm orangish brown slightly sandy silty CLAY. (LANGLEY SILT)		1.80	(1.30)	29.60			0.80	ES2	1.20	SPT(C) N=10 (1,2/3,2,2,3)	
Soft orangiesh brown slightly gravelly sandy CLAY. Gravel is angular to subangular fine to medium of flint. (LANGLEY SILT)		2.30	(0.50)	29.10			2.10	D1	2.00	SPT(C) N=11 (1,2/2,2,3,4)	
Soft orangish brown slightly sandy gravelly CLAY. Gravel is angular to subangular fine to coarse of flint. Sand is fine to coarse. (TAPLOW GRAVEL)		2.55	(0.25)	28.84			2.40	D2			
Very dense grey and orangish brown very sandy slightly clayey angular to subangular fine to medium GRAVEL of flint. (TAPLOW GRAVEL)		2.90	(0.35)	28.50			2.80	ES3	2.90	SPT(C) 68 (14,16/68 for 10mm)	
Borehole complete at 2.90 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID DT15172. Energy Ratio 59%.8. Borehole terminated at 2.9 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495998.46 N180774.74	31.40	Borehole Surveys	Premier 110	TA	HB	SP	1:32

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Project No: 21-0205.01 | Hole ID: DS108B | Page: 1 of 1

Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 11/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse SAND. Gravel is angular to subangular fine to coarse of flint and rare brick.		0.30	(0.30)	30.46							
Average CBR Value = 2.5%							0.40	ES1			
MADE GROUND: Dark blackish brown gravelly clayey fine to coarse SAND. Gravel is angular to subangular fine to coarse of brick and concrete.		0.50	(0.20)	30.26							
Soft becoming firm dark orangish brown slightly sandy silty CLAY. (LANGLEY SILT)		1.70	(1.20)	29.06					1.20	SPT(C) N=5 (1,1/2,1,1,1)	
Dense grey and orangish brown sandy slightly clayey angular to subangular fine to medium GRAVEL of flint. Sand is fine to coarse. (TAPLOW GRAVEL)		2.40	(0.70)	28.36			1.80	ES2	2.00	SPT(C) N=33 (5,5/6,7,10,10)	
Dense orangiesh brown gravelly clayey fine to coarse SAND. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)		2.80	(0.40)	27.96							
Very dense grey and orangish brown sandy slightly clayey angular to subangular fine to medium GRAVEL of flint. Sand is fine to coarse. (TAPLOW GRAVEL)		3.00	(0.20)	27.76					3.00	SPT(C) 50 (9,12/50 for 200mm)	
Borehole complete at 3.00 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data estimated from topographic survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID 110.9. Energy Ratio 75%.8. Borehole terminated at 3 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E496057.31 N180695.03	30.76	Dynamic Sampling	Premier 110	TA	HB	SP	1:32

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Project No: 21-0205.01 | Hole ID: DS109 | Page: 1 of 1

Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 10/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: MACADAM recovered as angular to subangular fine to coarse GRAVEL.		0.07		30.75			0.20	D1			
MADE GROUND: CONCRETE recovered as light brown sandy angular to subangular fine to coarse GRAVEL.		0.60	(0.53)	30.22			0.55	D2			
Soft dark orangish brown silty slightly sandy CLAY. Sand is fine to coarse. (LANGLEY SILT) *Average CBR Value = 4.6%*		1.80	(1.20)	29.02			0.80	ES1	1.20	SPT(C) N=5 (0,1/1,1,1,2)	
Medium dense dark orangish brown clayey very sandy angular to subangular fine to coarse GRAVEL of flint. (TAPLOW GRAVEL)		2.30	(0.50)	28.52			1.90	ES2	2.00	SPT(C) N=22 (3,5/5,5,6,6)	
Dense orangish brown slightly clayey very gravelly fine to coarse SAND. Gravel is angular to subangular fine to medium of flint. (TAPLOW GRAVEL)		3.00	(0.70)	27.82			2.50	ES3			
Very dense orangish brown very sandy angular to subangular fine to coarse GRAVEL of flint. (TAPLOW GRAVEL)		3.40	(0.40)	27.42					3.00	SPT(C) N=35 (5,6/5,5,10,15)	
Borehole complete at 3.40 m bgl.									3.40	SPT(C) 50 (15,21/50 for 50mm)	

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID DT15172. Energy Ratio 59%.8. Borehole terminated at 3.4 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E496083.31 N180707.80	30.82	Borehole Surveys	Premier 110	TA	HB	SP	1:32

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Project No: **21-0205.01**

Hole ID: **DS110**

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Project: **Ajax Avenue, Slough**

Dynamic Sampler Log

Date: **10/03/2021**

Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: MACADAM recovered as anuglar to subangular fine to medium GRAVEL.		0.07		30.89							
		0.25	(0.18)	30.71							
MADE GROUND: CONCRETE recovered as light brown sandy angular to subangular fine to coarse GRAVEL. Sand is fine to coarse.		0.60	(0.35)	30.36			0.40	ES1			
MADE GROUND: Blackish brown clayey slightly gravelly clayey fine to coarse SAND. Gravel is angular to subangular fine to coarse of red brick. Slight hydrocarbon odour.							0.80	ES2			
Soft dark orangish brown slightly sandy silty CLAY. (LANGLEY SILT) *Average CBR Value = 5.3%*			(1.40)				1.50	D1	1.20	SPT(C) N=8 (1,1/1,2,2,3)	
		2.00		28.96					2.00	SPT(C) N=35 (2,4/8,8,9,10)	
Dense to very dense orangiesh brown sandy slightly clayey angular to subangular fine to medium GRAVEL of flint. Sand is fine to coarse. (TAPLOW GRAVEL)			(1.00)				2.50	D2			
		3.00		27.96					3.00	SPT(C) 66 (14,16/66 for 25mm)	
Borehole complete at 3.00 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID DT15172. Energy Ratio 59%.8. Borehole terminated at 3 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E496098.32 N180730.17	**30.96**	**Borehole Surveys**	**Premier 110**	**TA**	**HB**	**SP**	**1:32**

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Project No: 21-0205.01 | Hole ID: DS111 | Page: 1 of 1

Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 10/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: CONCRETE with 6mm rebar recovered as sandy angular to subangular fine to coarse GRAVEL.		0.20	(0.20)	30.65							
MADE GROUND: Blackish brown gravelly clayey fine to coarse SAND. Gravel is angular to subangular fine to coarse of brick, concrete and flint. Slight hydrocarbon odour.		0.40	(0.20)	30.45			0.30	ES1			
MADE GROUND: Light brownish slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to coarse of brick, concrete and flint. Sand is fine to coarse. Slight hydrocarbon odour.		0.70	(0.30)	30.15			0.55	ES2			
Soft orangiesh brown sandy silty CLAY. Sand is fine to coarse. (LANGLEY SILT)			(0.80)				1.00	ES3	1.20	SPT(C) N=6 (1,1/1,1,2,2)	
Average CBR Value = 2.4%		1.50		29.35							
Medium dense orangish brown and grey very sandy slightly clayey angular to subangular fine to medium GRAVEL of flint. Sand is medium to coarse. (TAPLOW GRAVEL)		2.20	(0.70)	28.65			1.80	D1	2.00	SPT(C) N=19 (1,5/6,5,4,4)	
Medium dense to dense orangish brown very gravelly clayey fine to coarse SAND. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)		2.60	(0.40)	28.25			2.30	D2			
Very dense orangish brown very sandy slightly clayey angular to subangular fine to medium GRAVEL of flint. Sand is medium to coarse. (TAPLOW GRAVEL)		3.00	(0.40)	27.85					3.00	SPT(C) 67 (15,16/67 for 85mm)	
Borehole complete at 3.00 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data estimated from topographic survey.5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID DT15172. Energy Ratio 59%.8. Borehole terminated at 3 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E496091.00 N180700.00	30.85	Borehole Surveys	Premier 110	TA	HB	SP	1:32

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Project No: 21-0205.01 | Hole ID: DS112 | Page: 1 of 1

Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 08/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.20	(0.20)	31.21							
MADE GROUND: Greyish brown very gravelly fine to coarse SAND. Gravel is angular to subangular fine to coarse of brick, concrete, limestone and flint.		0.40	(0.20)	31.01			0.30	ES1			
MADE GROUND: Brown gravelly CLAY. Gravel is angular to subangular of flint, brick and concrete.		0.65	(0.25)	30.76			0.50	ES2			
Soft orangiesh brown slightly sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)			(1.75)				0.90	ES3	1.20	SPT(C) N=9 (2,1/2,2,2,3)	
Becoming gravelly at 2.0 m bgl.							1.50	D1			
		2.40		29.01			2.10	D2	2.00	SPT(C) N=11 (3,2/3,2,3,3)	
Very dense grey and black sandy slightly clayey angular to subangular fine to medium GRAVEL of flint. Sand is fine to coarse. (TAPLOW GRAVEL)		2.80	(0.40)	28.61			2.50 2.60	ES4 D3	2.80	SPT(C) 50 (9,2/50 for 60mm)	
Borehole complete at 2.80 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID DT15172. Energy Ratio 59%.8. Borehole terminated at 2.8 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495829.55 N180838.25	31.41	Borehole Surveys	Premier 110	TA	HB	SP	1:32

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Project No: 21-0205.01 | Hole ID: DS113 | Page: 1 of 1

Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 08/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
TOPSOIL: Dark brown slightly gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick and flint. Frequent rootlets.		0.56	(0.56)	30.56			0.30	ES1			
MADE GROUND: Soft light brown slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick and flint.		1.10	(0.54)	30.02			0.80 0.80	D1 ES2			
Firm light brown to grey slightly sandy silty CLAY. (LANGLEY SILT)		1.80	(0.70)	29.32			1.20 1.30	D2 ES3	1.20	SPT(C) N=8 (2,1/2,2,2,2)	
Firm light brown slightly sandy gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (LANGLEY SILT)		2.00	(0.20)	29.12			1.90	ES4	2.00	SPT(C) N=52 (1,8/52 for 295mm)	
Very dense brown very sandy clayey GRAVEL. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)		2.26	(0.26)	28.86							
Borehole complete at 2.25 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID DT15172. Energy Ratio 59%.8. Borehole terminated at 2.25 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495813.35 N180784.75	31.12	Borehole Surveys	Premier 110	TA	HB	SP	1:32

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Project No: 21-0205.01 | Hole ID: DS114 | Page: 1 of 1

Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 09/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: CONCRETE recovered as angular to subangular fine to coarse GRAVEL.		0.50	(0.50)	31.00			0.30	D1			
MADE GROUND: Light brown sandy angular to subangular fine to coarse GRAVEL of concrete.		0.60	(0.10)	30.90			0.55	ES1			
Soft orangiesh brown slightly sandy silty CLAY. (LANGLEY SILT)							0.80	ES2			
			(1.50)						1.20	SPT(C) N=6 (1,1/1,1,2,2)	
							1.50	ES3			
		2.10		29.40					2.00	SPT(C) N=10 (1,1/1,2,3,4)	
Firm slightly sandy gravelly silty CLAY. Gravel is angular to subangular fine to medium of flint. Sand is fine to coarse. (TAPLOW GRAVEL)		2.50	(0.40)	29.00							
Very dense grey and orangish brown sandy slightly clayey angular to subangular fine to coarse GRAVEL of flint. Sand is fine to coarse. (TAPLOW GRAVEL)		3.00	(0.50)	28.50			2.90	ES4	3.00	SPT(C) 50 (19,23/50 for 25mm)	
Borehole complete at 3.00 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data estimated from topographic survey.5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID DT15172. Energy Ratio 59%.8. Borehole terminated at 3 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495875.00 N180783.00	31.50	Borehole Surveys	Premier 110	TA	HB	SP	1:32

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Project No: 21-0205.01 | Hole ID: DS115 | Page: 1 of 1

Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 09/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: CONCRETE recovered as angular to subangular fine to coarse GRAVEL.		0.60	(0.60)	31.00			0.55	D1			
MADE GROUND: Dark blackish brown very gravelly fine to coarse SAND. Gravel is angular to subangular fine to coarse of brick, concrete and sandstone.		1.10	(0.50)	30.50			0.70 1.00	ES1 ES2			
Soft dark orangish brown slightly sandy silty CLAY. Sand is fine to coarse. (LANGLEY SILT)		1.80	(0.70)	29.80					1.20	SPT(C) N=8 (1,1/2,2,2,2)	
Soft dark orangish brown very sandy CLAY. Sand is fine to coarse. (LANGLEY SILT)		2.45	(0.65)	29.15			2.00	ES3	2.00	SPT(C) N=12 (1,1/2,2,3,5)	
Very dense grey and orangiesh brown sandy slightly clayey angular to subangular fine to coarse GRAVEL of flint. (TAPLOW GRAVEL)		2.80	(0.35)	28.80					2.80	SPT(C) 50 (29,50/50 for 50mm)	
Borehole complete at 2.80 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data estimated from topographic survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID DT15172. Energy Ratio 59%.8. Borehole terminated at 2.8 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495901.00 N180777.00	31.60	Borehole Surveys	Premier 110	TA	HB	SP	1:32

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Project No: 21-0205.01 | Hole ID: DS116 | Page: 1 of 1

Project: Ajax Avenue, Slough

Dynamic Sampler Log

Date: 09/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m bgl)	Strata Thickness (m)	Reduced Level (mAOD)	Casing Diameter (mm)	Water	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results	Backfill
MADE GROUND: MACADAM recovered as 300mm diameter core.		0.06		31.28							
		0.16	(0.10)	31.18							
MADE GROUND: CONCRETE recovered as 300mm diameter core. MADE GROUND: Blackish brown gravelly slightly clayey fine to coarse SAND. Gravel is angular to subangular fine to coarse of flint and brick.		0.50	(0.35)	30.84			0.30	ES1			
MADE GROUND: Soft orangish brown mottled blackish brown slightly sandy silty CLAY.		1.30	(0.80)	30.04			0.80	ES2	1.20	SPT(C) N=4 (1,1/1,1,1,1)	
Soft orangish brown slightly sandy silty CLAY. (LANGLEY SILT)		2.10	(0.80)	29.24			1.50	ES3	2.00	SPT(C) N=17 (1,2/4,4,4,5)	
Soft orangish brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of flint. (LANGLEY SILT)		2.65	(0.55)	28.69							
Very dense grey and orangish brown sandy slightly clayey angular to subangular fine to medium GRAVEL of flint. Sand is fine to coarse. (TAPLOW GRAVEL)		3.00	(0.35)	28.34					3.00	SPT(C) 50 (14,19/50 for 50mm)	
Borehole complete at 3.00 m bgl.											

Remarks:
1. Logged in general accordance with BS5930 + A1:2020.2. Hole location cleared for underground utilities prior to excavation.3. Hand dug service inspection pit advanced to 1.20 m bgl.4. Elevation and location data obtained from GPS survey. 5. Hole installed with 50mm ID pipe and heavy duty flush cover. 6. Groundwater was not encountered.7. SPT Hammer ID DT15172. Energy Ratio 59%.8. Borehole terminated at 3 m bgl due to refusal of drilling apparatus on the Taplow Gravel Member.

Water Strike			Water Level		Borehole Diameter	
Date	Depth (m)	Remarks	Duration (min)	Depth	Depth Base	Diameter

Coordinates:	Elevation (mAOD):	Drilled By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495977.48 N180760.06	31.34	Borehole Surveys	Premier 110	TA	HB	SP	1:32

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Project No:	Hole ID:	Page:
21-0205.01	HP101	1 of 1

Project: **Ajax Avenue, Slough**

Hand Dug Trial Pit Log

Date: **08/03/2021** | Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
TOPSOIL: Grass over dark brown slightly clayey gravelly fine to coarse SAND. Gravel is angular to suabngular fine of flint and rare brick.		0.10	31.08					
MADE GROUND: Soft dark brown slightly sandy gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick, concrete and clinker.					0.40 0.50	ES1 ACM1		
		0.70	30.48					
REWORKED NATURAL: Soft brown slightly gravelly sandy CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick and flint.					0.90 0.90	D1 ES2		
		1.00	30.18					
Hand pit complete at 1.10 m bgl.								

Dimensions and Orientation:

Length = 0.30 m

Width = 0.30 m

Bearing:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data obtained from GPS survey.4. Ground water was not encountered.5. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495823.82 N180779.10	31.18	Borehole Surveys	Hand Tools	TA	HB	SP	1:30

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Project No: 21-0205.01 | Hole ID: HP102 | Page: 1 of 1

Project: Ajax Avenue, Slough

Hand Dug Trial Pit Log

Date: 08/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
TOPSOIL: Grass over dark brown clayey slightly gravelly fine to coarse SAND. Gravel is angular to subangular fine to coarse of flint and rare brick.		0.11	31.08					
MADE GROUND: Soft dark brown slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick, concrete and flint.		0.56	30.63		0.25	ES1		
Soft light brown slightly sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)		1.20	29.99		0.70 0.80	ES2 D1		
Hand pit complete at 1.20 m bgl.								

Dimensions and Orientation:

Bearing:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data obtained from GPS survey.4. Ground water was not encountered.5. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495913.99 N180750.00	31.19	Borehole Surveys	Hand Tools	TA	HB	SP	1:30

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Project No: 21-0205.01 | Hole ID: HP103 | Page: 1 of 1

Project: Ajax Avenue, Slough

Hand Dug Trial Pit Log

Date: 08/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
TOPSOIL: Grass over dark brown slightly clayey gravelly fine to coarse SAND. Gravel is angular to suabngular fine of flint and rare brick. MADE GROUND: Soft dark brown slightly gravelly sandy CLAY. Sand is fine to coarse. Gravel is angular to subangular fine to medium of brick, concrete and flint.		0.08	31.00		0.25	ES1		
Soft dark orangiesh brown sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)		0.65	30.43		0.80 0.85	D1 ES2		
Hand pit complete at 1.20 m bgl.		1.20	29.88					

Dimensions and Orientation:

Length = 0.30 m

Width = 0.30 m

Bearing:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data obtained from GPS survey.4. Ground water was not encountered.5. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495974.64 N180725.48	31.08	Borehole Surveys	Hand Tools	TA	HB	SP	1:30

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Project No: 21-0205.01 | Hole ID: HP104 | Page: 1 of 1

Project: Ajax Avenue, Slough

Hand Dug Trial Pit Log

Date: 09/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
TOPSOIL: Grass over dark brown slightly clayey gravelly fine to coarse SAND. Gravel is angular to suabngular fine of flint and rare brick.		0.15	30.71					
MADE GROUND: Brown gravelly clayey fine to coarse SAND. Gravel is angular to subangular fine to coarse of brick and flint.		0.45	30.41		0.30	ES1		
Soft dark orangiesh brown slightly sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)					0.75	D1		
Hand pit complete at 1.20 m bgl.		1.20	29.66					

Dimensions and Orientation:

Length = 0.30 m

Width = 0.30 m

Bearing:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data obtained from GPS survey.4. Ground water was not encountered.5. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E496008.22 N180713.75	30.86	Borehole Surveys	Hand Tools	TA	HB	SP	1:30

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Project No: 21-0205.01 | Hole ID: HP105 | Page: 1 of 1

Project: Ajax Avenue, Slough

Hand Dug Trial Pit Log

Date: 10/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
TOPSOIL: Grass over dark brown clayey slightly gravelly fine to coarse SAND. Gravel is angular to subangular fine to coarse of flint and rare brick.		0.30	30.49					
Average CBR Value = 3.1%								
MADE GROUND: Dark blackish brown gravelly clayey fine to coarse SAND. Gravel is angular to subangular fine to coarse of brick and concrete.		0.50	30.29		0.40	ES1		
Soft dark orangiesh brown sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)					1.00	D1		
Average CBR Value = 2.4%								
Hand pit complete at 1.20 m bgl.		1.20	29.59					

Dimensions and Orientation:

Length = 0.30 m

Width = 0.30 m

Bearing:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data obtained from GPS survey.4. Ground water was not encountered.5. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E496069.37 N180689.71	30.79	Borehole Surveys	Hand Tools	TA	HB	SP	1:30

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Project No:	Hole ID:	Page:
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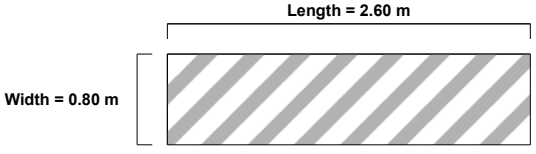
Project: **Ajax Avenue, Slough**

Trial Pit Log

Date: **10/03/2021** | Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.19	30.88					
MADE GROUND: Grey to brown slightly sandy GRAVEL. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint.		0.50	30.57		0.25	ES1		
Soft light brown sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)		2.10	28.97		0.60 1.50 1.50 - 2.00	ES2 D1 B1		
Light brown to yellow slightly gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)		3.50	27.57		2.50 - 3.00 3.00	B2 D2		
Trial pit complete at 3.50 m bgl.								

Dimensions and Orientation:



Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data obtained from GPS survey.4. Ground water was not encountered.5. Gravel pack top at 3.00m bgl.6. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495817.79 N180811.08	31.07	Pammenter	JCB 3CX	HB	TA	SP	1:30

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Project No: 21-0205.01 | Hole ID: SA102 | Page: 1 of 1

Project: Ajax Avenue, Slough

Trial Pit Log

Date: 10/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL. 6mm rebar reinforcement.		0.30	31.05					
MADE GROUND: Black slightly sandy GRAVEL. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick, concrete and plastic.		0.50	30.85		0.40	ES1		
Soft black slightly sandy CLAY. Sand is fine to medium. (LANGLEY SILT)		0.60	30.75		0.55	ES2		
Soft light brown slightly sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)					1.50 1.50 - 2.00	D1 B1		
		2.10	29.25		2.00	D2		
Soft yellow clayey gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. Pockets of yellow CLAY. (TAPLOW GRAVEL)					2.30 - 2.50	B2		
		3.40	27.95					
Trial pit complete at 3.40 m bgl.								

Dimensions and Orientation:

Length = 2.60 m

Width = 0.80 m

Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data estimated from topographic survey.4. Ground water was not encountered.5. Gravel pack top at 2.88m bgl.6. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495886.84 N180777.46	31.35	Pammenter	JCB 3CX	HB	TA	SP	1:30

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Project No:	Hole ID:	Page:
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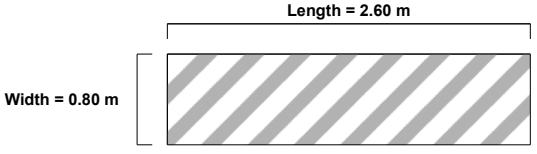
Project: **Ajax Avenue, Slough**

Trial Pit Log

Date: **10/03/2021** | Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL. 6mm rebar reinforcement.		0.25	31.18					
MADE GROUND: Blackish brown sandy GRAVEL. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick, concrete and flint.		0.64	30.79		0.40	ES1		
Soft brown slightly sandy sitly CLAY. (LANGLEY SILT)		2.10	29.33		0.80	ES2		
Light brown gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)		3.50	27.93		2.20 - 2.30 2.50 2.50 - 3.00 3.00	B1 D1 B2 D2		
Trial pit complete at 3.50 m bgl.								

Dimensions and Orientation:



Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data obtained from GPS survey.4. Ground water was not encountered.5. Gravel pack top at 2.80m bgl.6. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495961.05 N180751.42	31.43	Pammenter	JCB 3CX	HB	TA	SP	1:30

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Project No:	Hole ID:	Page:
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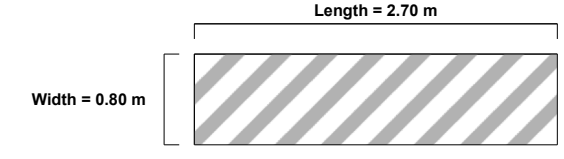
Project: **Ajax Avenue, Slough**

Trial Pit Log

Date: **10/03/2021** | Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.15	30.70					
MADE GROUND: Grey to brown slightly sandy GRAVEL. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick, concrete and flint.		0.38	30.47		0.30	ES1		
Soft brown slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (LANGLEY SILT)		0.90	29.95		0.80	ES2		
Soft light brown sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)		1.40	29.45		1.00 - 1.40	B1		
Light brown gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)		3.40	27.45		1.50 2.50 2.50 - 3.00	D1 D2 B2		
Trial pit complete at 3.40 m bgl.								

Dimensions and Orientation:



Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data estimated from topographic survey.4. Ground water was not encountered.5. Gravel pack top at 2.70m bgl.6. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E496094.00 N180703.00	30.85	Pammenter	JCB 3CX	HB	TA	SP	1:30

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Project: **Ajax Avenue, Slough**

Trial Pit Log

Date: **15/03/2021** | Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.75	30.75					
MADE GROUND: Dark brown sandy gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of brick, flint and concrete.		0.82	30.68		0.80	ES1		
Soft brown slightly sandy slighty gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (LANGLEY SILT)					1.50 1.50 1.50 - 2.00	D1 ES2 B1		
		2.30	29.20					
Light brown to yellow gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)					2.50 2.50 - 3.00	D2 B2		
		3.10	28.40					
Trial pit complete at 3.10 m bgl.								

Dimensions and Orientation:

Length = 2.60 m

Width = 0.80 m

Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data estimated from topographic survey.4. Ground water was not encountered.5. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495830.00 N180811.00	31.50	Maxwell Plant Hire	JCB 3CX	HB	TA	SP	1:30

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Project No: **21-0205.01** | Hole ID: **TP102** | Page: **1 of 1**

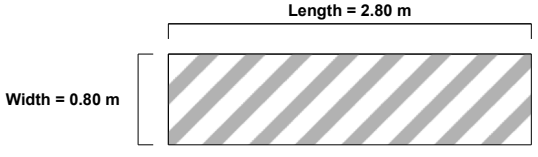
Project: **Ajax Avenue, Slough**

Trial Pit Log

Date: **11/03/2021** | Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.20	31.09					
MADE GROUND: Grey sandy angular to subangular fine to coarse GRAVEL of brick, flint and concrete.. Sand is fine to medium.		0.55	30.74		0.40	ES1		
Soft brown slightly sandy slighty gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (LANGLEY SILT)		1.60	29.69		1.30 1.30 - 1.50	ES1 B1		
Light brown to yellow gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. Pockets of soft brown CLAY. (TAPLOW GRAVEL)		3.00	28.29		1.80 2.50 - 3.00 3.00	D1 B2 D2		
Trial pit complete at 3.00 m bgl.								

Dimensions and Orientation:



Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data obtained from GPS survey.4. Ground water was not encountered.5. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495842.49 N180820.18	**31.29**	**Pammenter**	**JCB 3CX**	**HB**	**TA**	**SP**	**1:30**

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Project No: 21-0205.01 | Hole ID: TP103 | Page: 1 of 1

Project: Ajax Avenue, Slough

Trial Pit Log

Date: 14/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.41	31.09					
MADE GROUND: Black to grey sandy angular to subangular fine to coarse GRAVEL of brick, flint and concrete. Sand is fine to medium.		0.55	30.95		0.50	ES1		
Soft brown slightly sandy slighty silty CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (LANGLEY SILT)					0.70	ES2		
					1.00 - 1.50	B1		
					2.00	D1		
		2.10	29.40		2.10 - 2.30	B2		
Light brown gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. Pockets of soft yellowish brown CLAY. (TAPLOW GRAVEL)		2.40	29.10		2.40	D2		
Trial pit complete at 2.40 m bgl.								

Dimensions and Orientation:

Length = 2.60 m

Width = 0.80 m

Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data estimated from topographic survey.4. Ground water was not encountered.5. Hole refused by at 2.40m bgl - too little harstanding broken out prior to excavation.6. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495862.00 N180788.00	31.50	Pammenter	JCB 3CX	HB	TA	SP	1:30

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Project No:	Hole ID:	Page:
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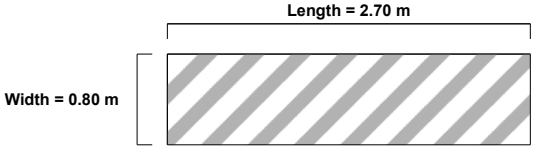
Project: **Ajax Avenue, Slough**

Trial Pit Log

Date: **11/03/2021** | Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.19	31.15					
MADE GROUND: Black sandy angular to subangular fine to coarse GRAVEL of brick, concrete and flint. Sand is fine to medium.		0.45	30.89		0.40	ES1		
Firm brown slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (LANGLEY SILT)		1.70	29.64		1.00 1.00 - 1.50 1.50	ES2 B1 D1		
Light brown to yellow gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)		2.90	28.44					
Trial pit complete at 2.90 m bgl.								

Dimensions and Orientation:



Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data obtained from GPS survey.4. Ground water was not encountered.5. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495885.40 N180798.78	31.34	Pammenter	JCB 3CX	HB	TA	SP	1:30

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Project: Ajax Avenue, Slough

Trial Pit Log

Date: 15/03/2021 | Client: SEGRO Plc

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.13	31.47					
MADE GROUND: Brown sandy angular to subangular fine to coarse GRAVEL of brick, concrete and flint. Sand is fine to medium.		0.53	31.07		0.40	ES1		
Soft brown slightly sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)		2.10	29.50		1.00 1.00 - 1.50 1.50	ES2 B1 D1		
Light brown to yellow gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. Pockets of soft yellow clay. (TAPLOW GRAVEL)		3.00	28.60		2.20 2.50 - 3.00	D2 B2		
Trial pit complete at 3.00 m bgl.								

Dimensions and Orientation:

Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data estimated from topographic survey.4. Ground water was not encountered.5. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495913.00 N180773.00	31.60	Maxwell Plant Hire	JCB 3CX	HB	TA	SP	1:30

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Project: **Ajax Avenue, Slough**

Trial Pit Log

Date: **11/03/2021** | Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
TOPSOIL: Grass over dark brown clayey slightly gravelly fine to coarse SAND. Gravel is angular to suabngular fine to coarse of flint and rare brick.		0.33	31.62					
MADE GROUND: Black to grey sandy angular to subangular fine to coarse GRAVEL of brick, concrete and flint. Sand is fine to medium.		0.71	31.24		0.50	ES1		
Light brown sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)		2.10	29.85		1.00 2.00 2.00 - 2.50	ES2 D1 B1		
Light brown slightly clayey slightly gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)		3.10	28.85		2.50 - 3.00 3.00	B2 D2		
Trial pit complete at 3.10 m bgl.								

Dimensions and Orientation:

Length = 2.60 m

Width = 0.80 m

Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data obtained from GPS survey.4. Ground water was not encountered.5. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495939.35 N180792.22	31.95	Pammenter	JCB 3CX	HB	TA	SP	1:30

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Project: **Ajax Avenue, Slough**

Trial Pit Log

Date: **15/03/2021** | Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.40	31.20					
MADE GROUND: Brown sandy angular to subangular fine to coarse GRAVEL of brick, concrete and flint. Sand is fine to medium.		0.70	30.90		0.50	ES1		
Soft dark brown slightly sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)		2.20	29.40		1.00 1.00 - 1.50 2.00	ES2 B1 D1		
Light brown to yellow gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. Pockets of soft yellow clay. (TAPLOW GRAVEL)		3.10	28.50		2.50 - 3.00	B2		
Trial pit complete at 3.10 m bgl.								

Dimensions and Orientation:

Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data estimated from topographic survey.4. Ground water was not encountered.5. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495958.00 N180760.00	31.60	Maxwell Plant Hire	JCB 3CX	HB	TA	SP	1:30

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Project: **Ajax Avenue, Slough**

Trial Pit Log

Date: **15/03/2021** | Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
MADE GROUND: MACADAM recovered as angular to subangular fine to coarse GRAVEL.		0.09	31.51					
		0.20	31.40		0.20	ES1		
MADE GROUND: Light brown to grey sandy angular to subangular fine to coarse GRAVEL of brick, concrete, tarmac and flint. Sand is fine to medium. Some metal rebar found.					0.40	ES2		
MADE GROUND: Brown sandy angular to subangular fine to coarse GRAVEL of brick, concrete and flint. Sand is fine to medium.		0.52	31.08		0.50	ACM1		
Soft brown slightly sandy silty CLAY. Sand is fine to medium. (LANGLEY SILT)								
Large pocket of brick and redundant 50mm diameter pipe (no asbestos detected based on laboratory testing) in northern wall of pit between 0.52 and 2.02 m bgl.					1.00	D1		
					1.00	ES2		
					1.00 - 1.50	B1		
		1.40	30.20					
Light brown slightly sandy SILT. Sand is fine to medium. (LANGLEY SILT)					2.00	D2		
		3.00	28.60					
Yellowish brown gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)					3.10 - 3.30	B2		
		3.30	28.30					
Trial pit complete at 3.30 m bgl.								

Dimensions and Orientation:

Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data obtained estimated from topographic survey.4. Ground water was not encountered.5. Hole backfilled with arisings. 6. Large pocket of brick and pipe (No asbestos detected according to laboratory testing) present down to 1.5m bgl towards the north of the Pit.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E495954.00 N180777.00	31.60	Maxwell Plant Hire	JCB 3CX	HB	TA	SP	1:30

deltasimons
Environment - Health & Safety - Sustainability

Head Office
3 Henley Way, Doddington Road
Lincoln, LN6 3QR
Tel: +44 (0) 1522 882555
Email: info@deltasimons.com

Project No:	Hole ID:	Page:
21-0205.01	TP109	1 of 1

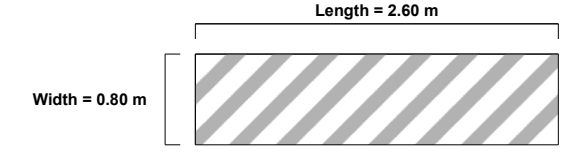
Project: **Ajax Avenue, Slough**

Trial Pit Log

Date: **11/03/2021** | Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
MADE GROUND: MACADAM recovered as angular to subangular fine to coarse GRAVEL.		0.05	30.91					
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.30	30.66					
MADE GROUND: Black sandy angular to subangular fine to coarse GRAVEL of brick, concrete and flint. Sand is fine to medium.		0.71	30.25		0.50	ES1		
Soft brown slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (LANGLEY SILT)		1.78	29.18		1.00 1.00 - 1.50 1.50	ES2 B1 D1		
Light brown to yellow gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)		3.10	27.86		2.50 - 3.00 3.00	B2 D2		
Trial pit complete at 3.10 m bgl.								

Dimensions and Orientation:



Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data obtained from GPS survey.4. Ground water was not encountered.5. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E496092.43 N180735.12	30.96	Pammenter	JCB 3CX	HB	TA	SP	1:30

deltasimons
Environment - Health & Safety - Sustainability

Head Office
3 Henley Way, Doddington Road
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Email: info@deltasimons.com

Project No:	Hole ID:	Page:
21-0205.01	TP110	1 of 1

Project: **Ajax Avenue, Slough**

Trial Pit Log

Date: **11/03/2021** | Client: **SEGRO Plc**

Description of Strata	Legend	Strata Depth (m)	Reduced Level (mAOD)	Water Strike (m)	Sample Details: Depth (m)	Sample Details: Type & Ref	Test Details: Depth (m)	Test Details: Results
MADE GROUND: MACADAM recovered as angular to subangular fine to coarse GRAVEL.		~~0.05~~	~~30.78~~					
MADE GROUND: CONCRETE recovered as sandy angular to subangular fine to coarse GRAVEL.		0.10	30.73					
MADE GROUND: Black sandy angular to subangular fine to coarse GRAVEL of brick, concrete and flint.		0.40	30.43		0.30	ES1		
Soft to firm brown slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (LANGLEY SILT)					0.60	ES2		
					1.50 1.50 - 2.00	D1 B1		
		2.30	28.53					
Light brown to yellow gravelly SAND. Sand is fine to medium. Gravel is angular to subangular fine to coarse of flint. (TAPLOW GRAVEL)					2.50 2.50 - 3.00	D2 B2		
		3.00	27.83					
Trial pit complete at 3.00 m bgl.								

Dimensions and Orientation:

Length = 2.50 m

Width = 0.90 m

Orientation:

Inclination:

Remarks:
1. Logged in general accordance with BS5930 + A1:2020. 2. Hole location cleared for underground utilities prior to excavation.3. Elevation and location data obtained from GPS survey.4. Ground water was not encountered.5. Hole backfilled with arisings.

Coordinates:	Elevation (mAOD):	Excavated By:	Plant Used:	Logged:	Checked:	Approved:	Scale:
E496086.74 N180717.87	30.83	Pammenter	JCB 3CX	HB	TA	SP	1:30

Hammer Energy Test Report

in accordance with BSEN ISO 22476-3:2005

Dynamic sampling uk ltd
5-8 victory parkway
victory road
Derby
DE24 8ZF

Hammer Ref:	110.90
Test Date:	10/09/2020
Report Date:	10/09/2020
File Name:	110.90.spt
Test Operator:	AP

Instrumented Rod Data

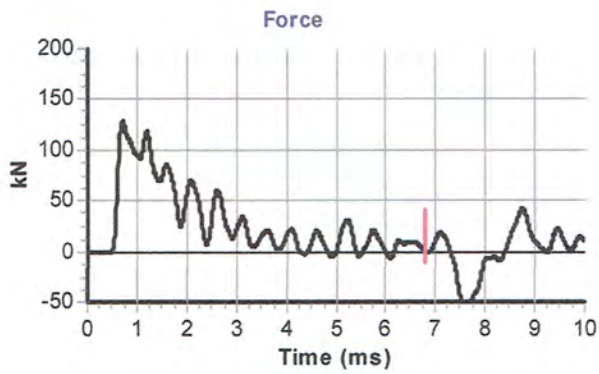
Diameter d_r (mm):	54
Wall Thickness t_r (mm):	6.0
Assumed Modulus E_a (GPa):	208
Accelerometer No.1:	62901
Accelerometer No.2:	62902

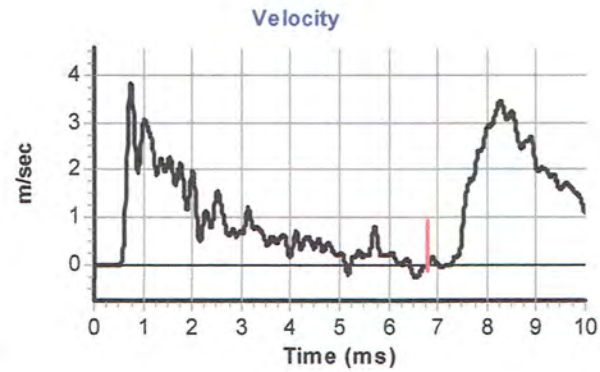
Hammer Information

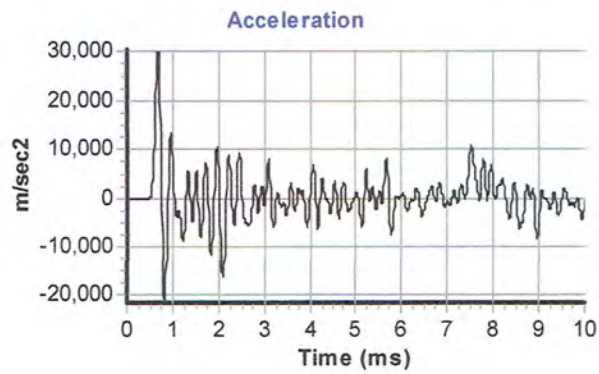
Hammer Mass m (kg):	63.5
Falling Height h (mm):	760
String Length L (m):	15.0

Comments / Location

Rig tested at Dynamic samplings yard.



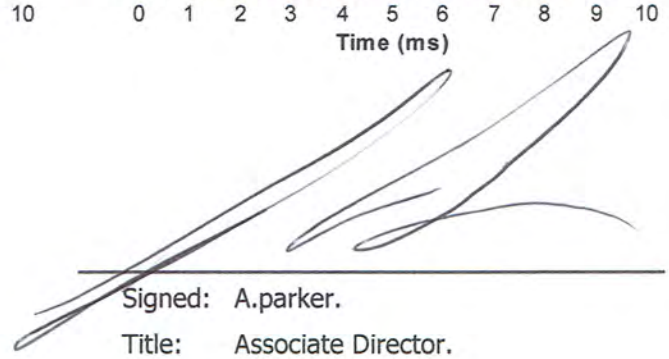




Calculations

Area of Rod A (mm2):	905
Theoretical Energy E_{theor} (J):	473
Measured Energy E_{meas} (J):	354

Energy Ratio E_r (%): **75**



Signed: A.parker.

Title: Associate Director.

The recommended calibration interval is 12 months

S I Drilling
Cable Percussion Ltd

SPT Hammer Energy Test Report

in accordance with BSEN ISO 22476-3:2005

SPT Hammer Ref:	05
Test Date:	23/12/2020
Report Date:	04/01/2021
File Name:	BM05.spt
Test Operator:	MC

Instrumented Rod Data

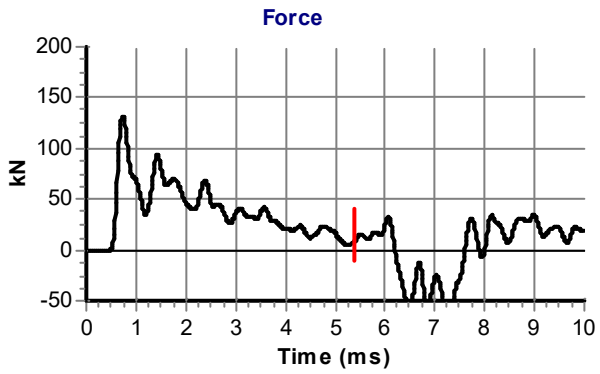
Diameter d_r (mm):	54
Wall Thickness t_r (mm):	6.4
Assumed Modulus E_a (GPa):	208
Accelerometer No.1:	63177
Accelerometer No.2:	63178

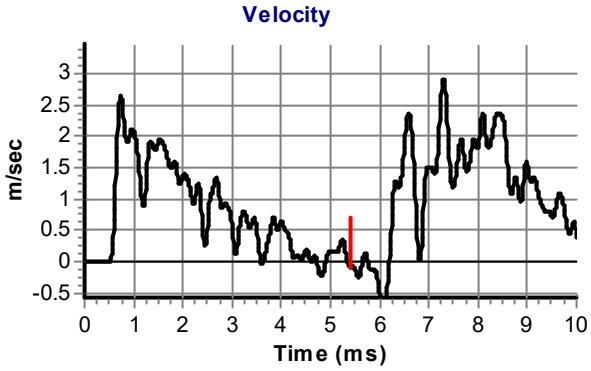
SPT Hammer Information

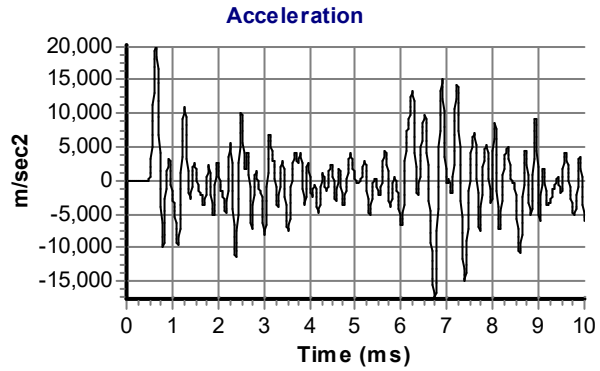
Hammer Mass m (kg):	63.5
Falling Height h (mm):	760
SPT String Length L (m):	12.6

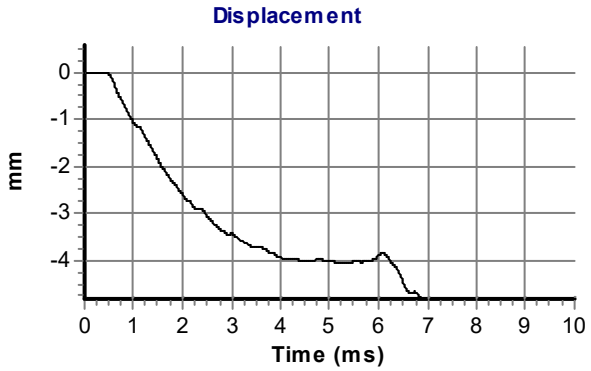
Comments / Location

JMD YARD









Calculations

Area of Rod A (mm2):	957
Theoretical Energy E_{theor} (J):	473
Measured Energy E_{meas} (J):	259

Energy Ratio E_r (%): **55**

Signed: Richard Walter

Title: Drilling Manager

SPT Hammer Energy Test Report

in accordance with BSEN ISO 22476-3:2005

SPT Hammer Ref:	DT15172
Test Date:	08/01/2021
Report Date:	11/01/2021
File Name:	DT15172.spt
Test Operator:	RW

Instrumented Rod Data

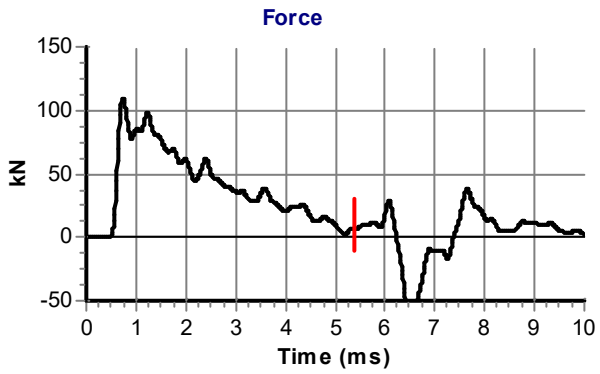
Diameter d_r (mm):	54
Wall Thickness t_r (mm):	6.4
Assumed Modulus E_a (GPa):	208
Accelerometer No.1:	63177
Accelerometer No.2:	63178

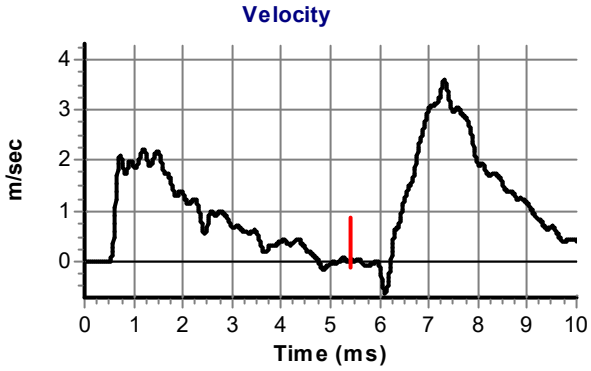
SPT Hammer Information

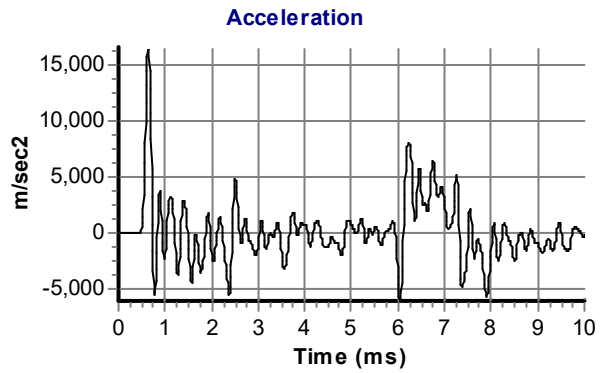
Hammer Mass m (kg):	63.5
Falling Height h (mm):	760
SPT String Length L (m):	13.6

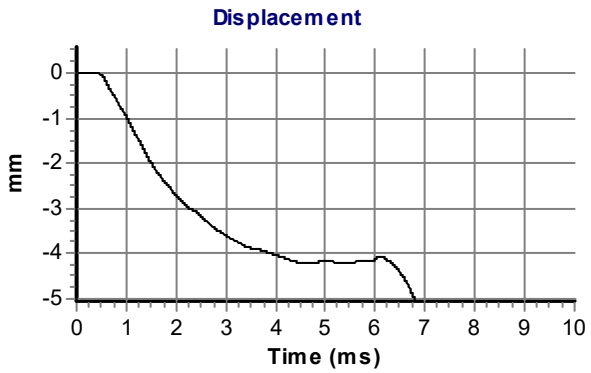
Comments / Location

JMD YARD









Calculations

Area of Rod A (mm2):	957
Theoretical Energy E_{theor} (J):	473
Measured Energy E_{meas} (J):	281

Energy Ratio E_r (%): **59**

Signed: Richard Walter

Title: Drilling Manager

TEST CERTIFICATE

Determination of CBR Value by Mexe Probe

Tested in Accordance with Manufacturers Instruction and Method Statement SS08

i2 Analytical Ltd
7 Woodshots Meadow
Croxley Green Business Park
Watford Herts WD18 8YS

Client: Delta-Simons
Client Address: Unit 3 Henley Way
Lincoln
LN6 3QR
Contact: Tom Ambler

Site Address: 651 Ajax Avenue, Slough, SL1 4DG

Client Reference: N/G
Job Number: 21-61266_1
Date Sampled: 10/03/2021
Date Received: 10/03/2021
Date Tested: 10/03/2021
Sampled By: MB

Test results

Laboratory Reference	Client Reference	Location	Soil Description	Average CBR Value (%)	Remarks
61266_1a	N/G	DS111	CLAY	2.4	
61266_1b	N/G	DS109	CLAY	4.6	
61266_1c	N/G	DS110	CLAY	5.3	
61266_1d	N/G	HP105	TOPSOIL	3.1	
61266_1e	N/G	HP108	TOPSOIL	2.5	
61266_1f	N/G	HP105	CLAY	2.4	
61266_1g	N/G	SA04	CLAY	2.4	
61266_1h	N/G	CP104	CLAY	3	

Comments: Test stopped due to equipment not fitting in test hole

SSF134.2

Signed:

Robin Paine
Geotechnical Regional Manager

Date Reported: 11/03/2021

for and on behalf of i2 Analytical Ltd

Appendix I – Geotechnical Analysis Results

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	08/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

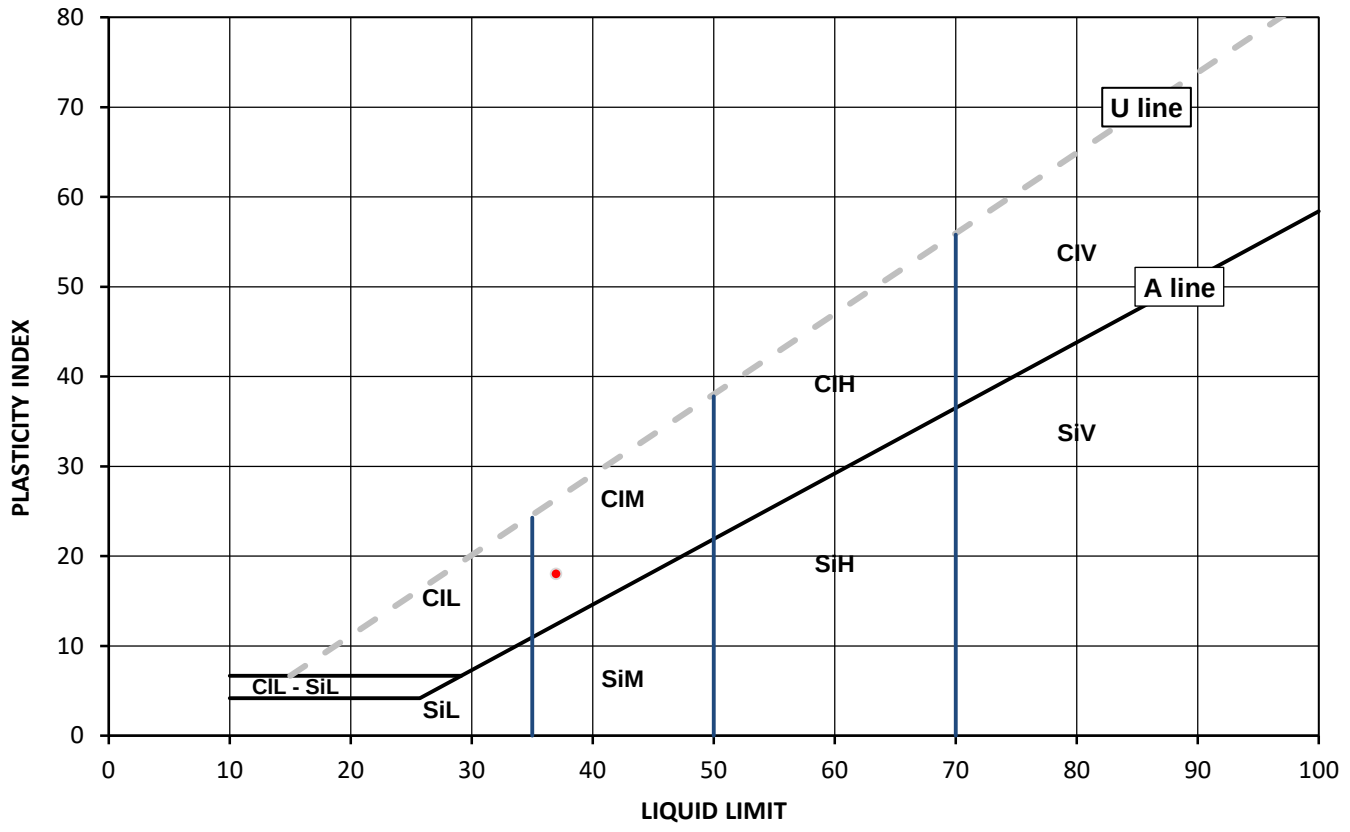
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819216	Depth Top [m]:	0.90
Hole No.:	HP101	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown sandy CLAY		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
20	37	19	18	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	09/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

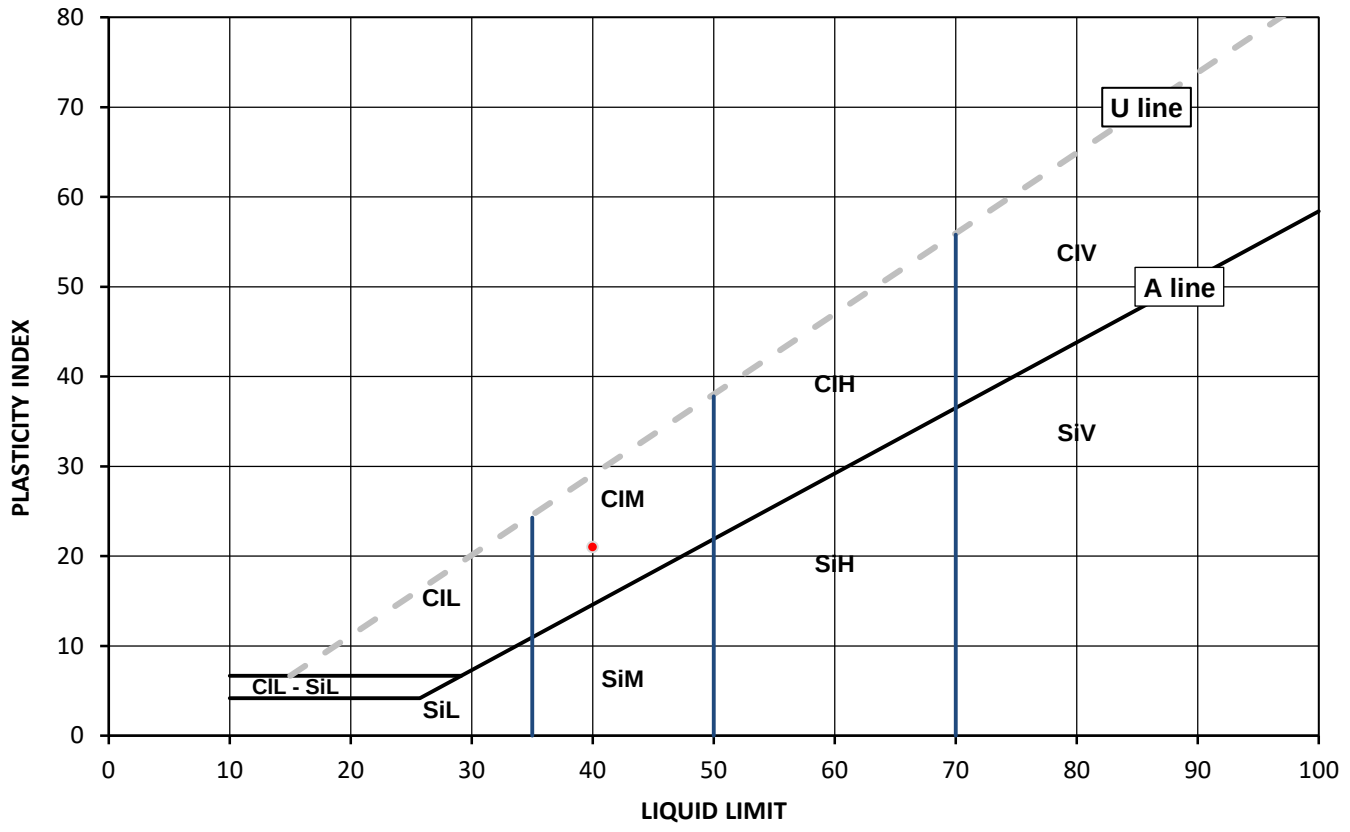
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819217	Depth Top [m]:	0.80
Hole No.:	HP102	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown sandy CLAY		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
22	40	19	21	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	09/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

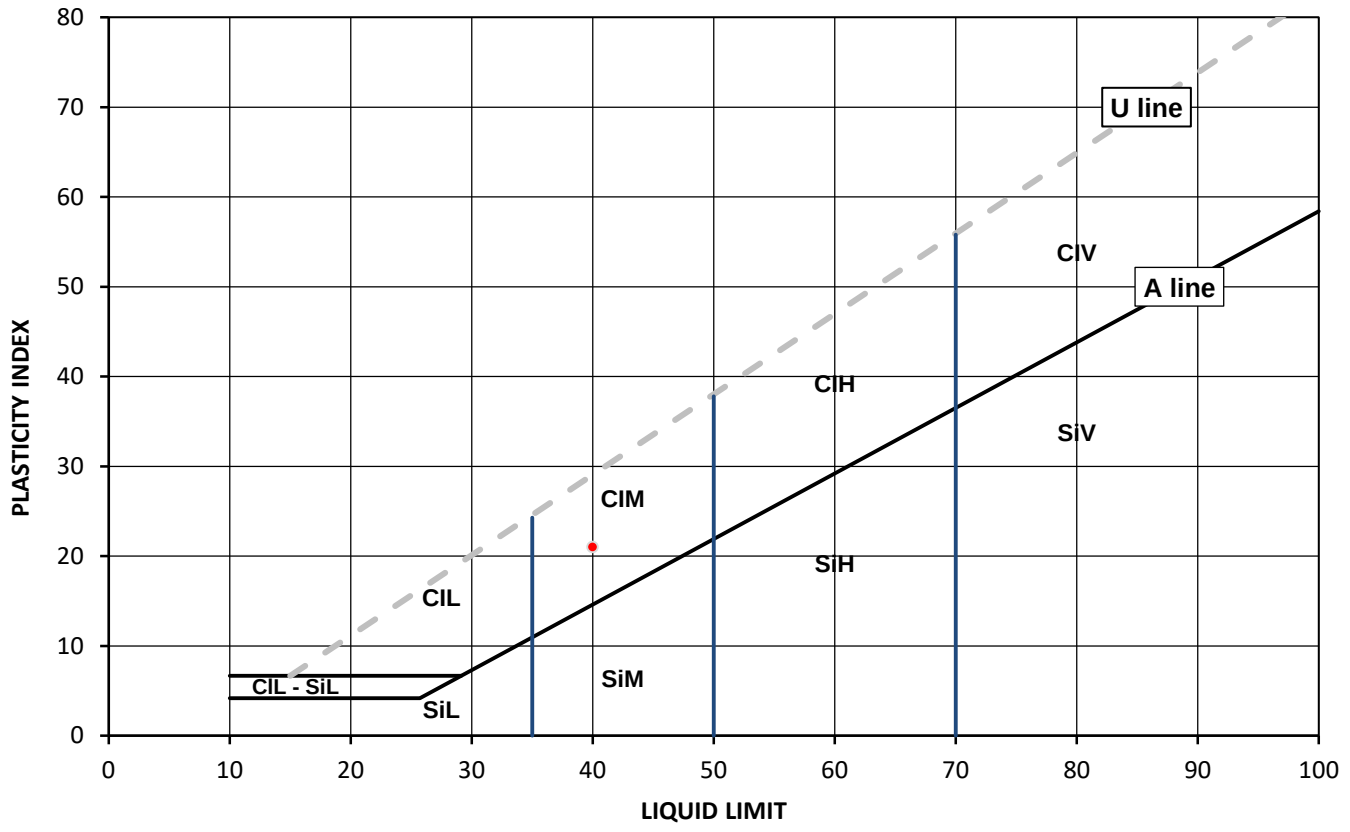
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819218	Depth Top [m]:	0.80
Hole No.:	HP103	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown sandy CLAY		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
20	40	19	21	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client: Delta-Simons
Client Address: 20 Little Britain, London, EC1A 7DH
Contact: Tom Ambler
Site Address: 651-664 Ajax Avenue, Slough

Client Reference: 21-0205.01
Job Number: 21-65484
Date Sampled: 09/03/2021
Date Received: 12/03/2021
Date Tested: 06/04/2021
Sampled By: Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

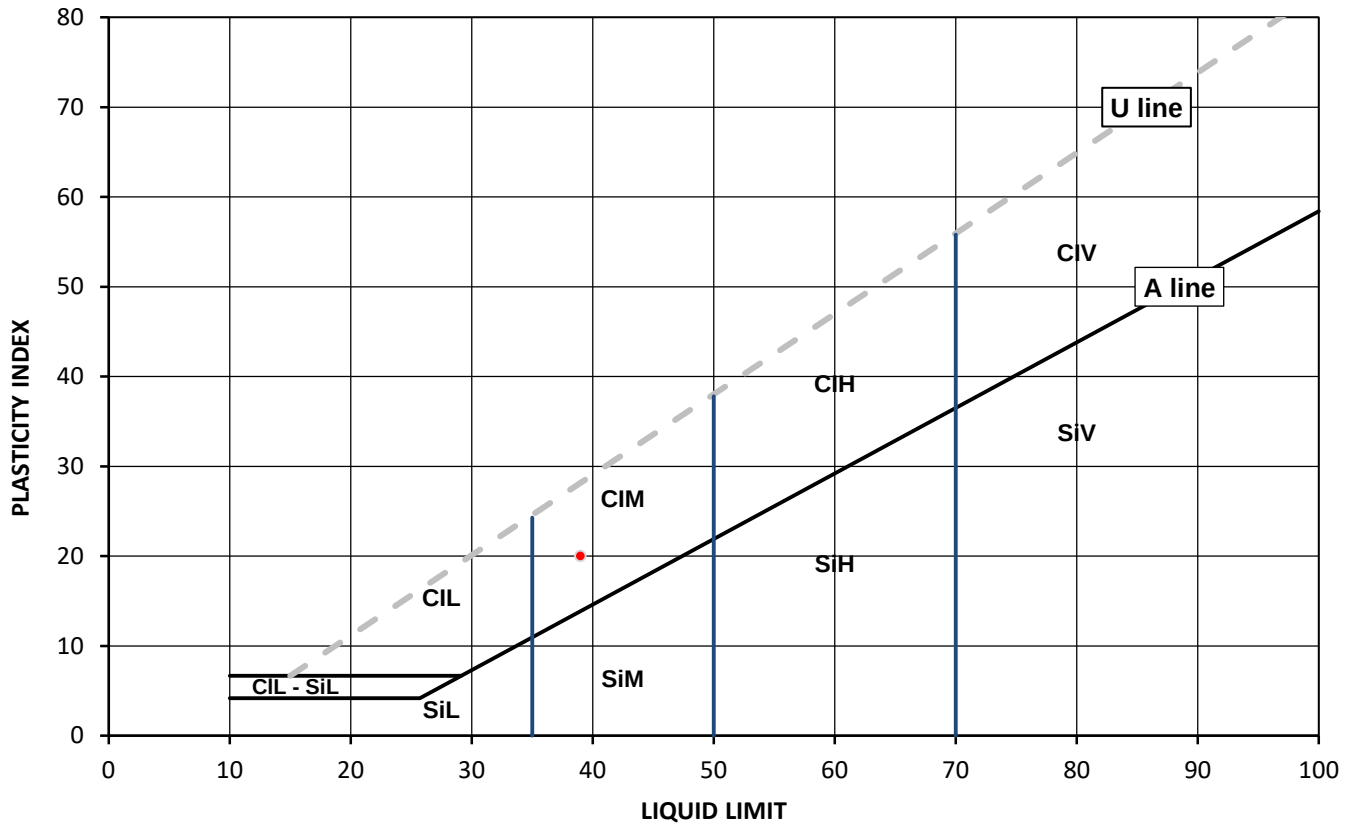
Test Results:

Laboratory Reference: 1819219
Hole No.: HP104
Sample Reference: Not Given
Soil Description: Brown sandy CLAY

Depth Top [m]: 0.75
Depth Base [m]: Not Given
Sample Type: D

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
17	39	19	20	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	10/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

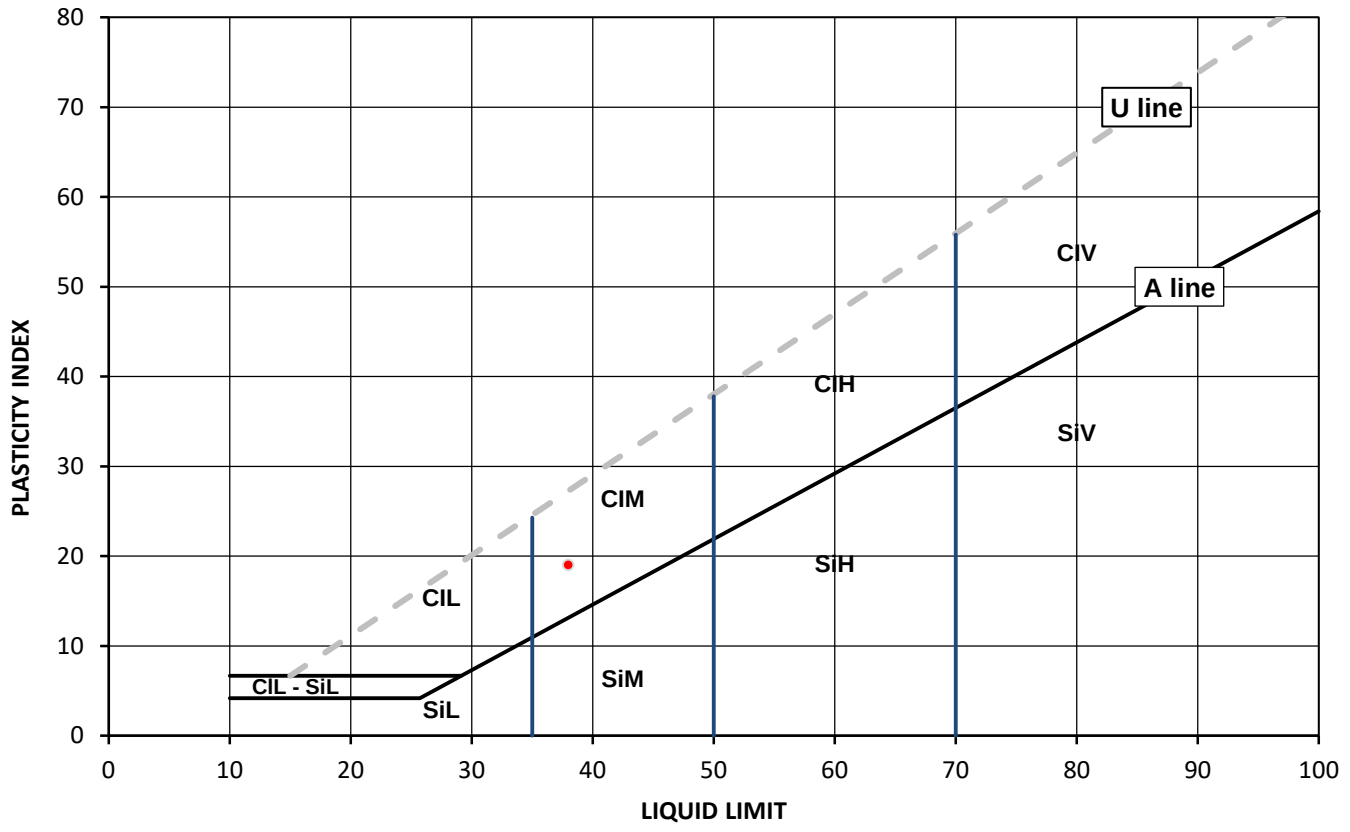
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819220	Depth Top [m]:	1.00
Hole No.:	HP105	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown sandy CLAY		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
22	38	19	19	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client: Delta-Simons
Client Address: 20 Little Britain, London, EC1A 7DH
Contact: Tom Ambler
Site Address: 651-664 Ajax Avenue, Slough

Client Reference: 21-0205.01
Job Number: 21-65484
Date Sampled: 10/03/2021
Date Received: 12/03/2021
Date Tested: 06/04/2021
Sampled By: Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

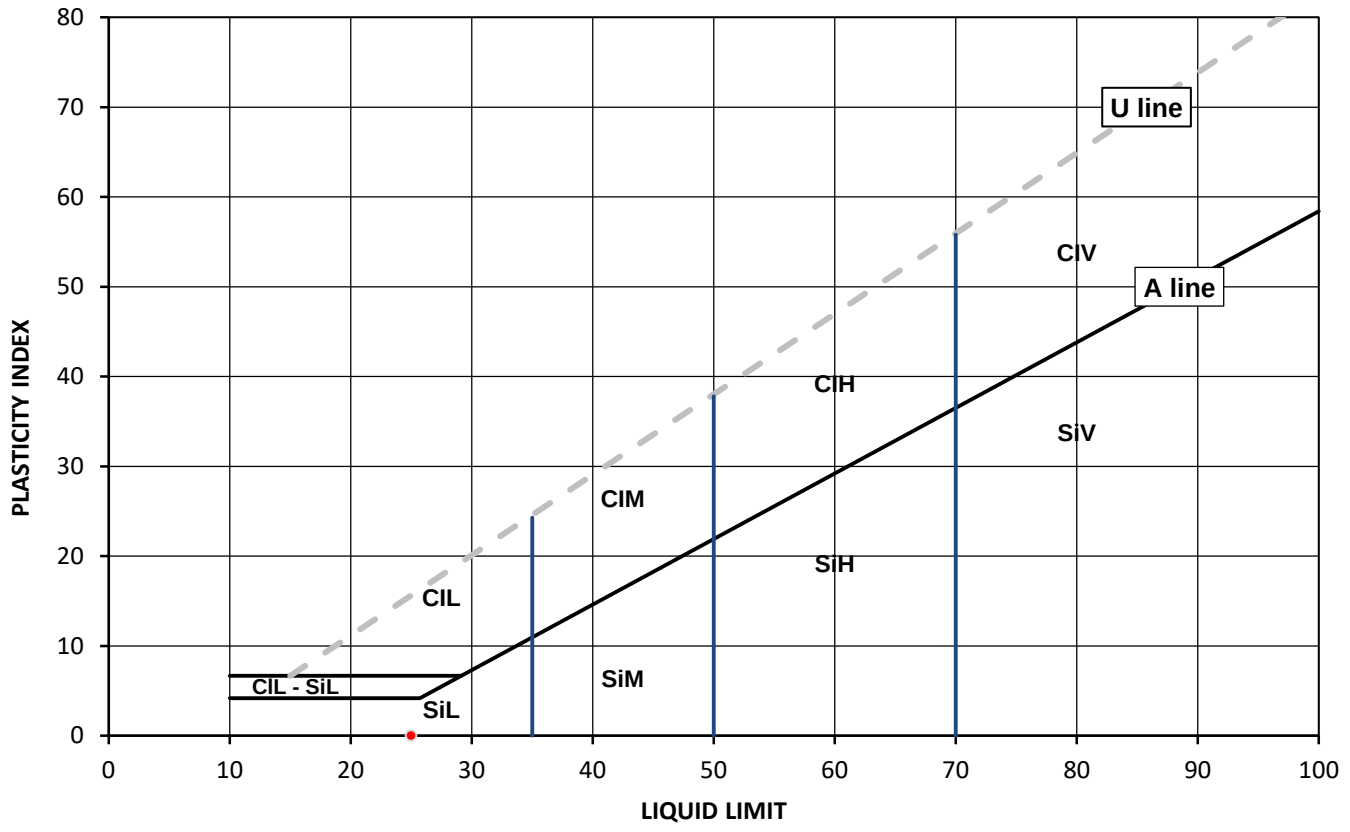
Test Results:

Laboratory Reference: 1819222
Hole No.: SA103
Sample Reference: Not Given
Soil Description: Brown slightly clayey very sandy GRAVEL

Depth Top [m]: 2.50
Depth Base [m]: 3.00
Sample Type: B

Sample Preparation: Tested after washing to remove >425um

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
11	25	NP	NP	35



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: NP - non plastic
Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	10/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

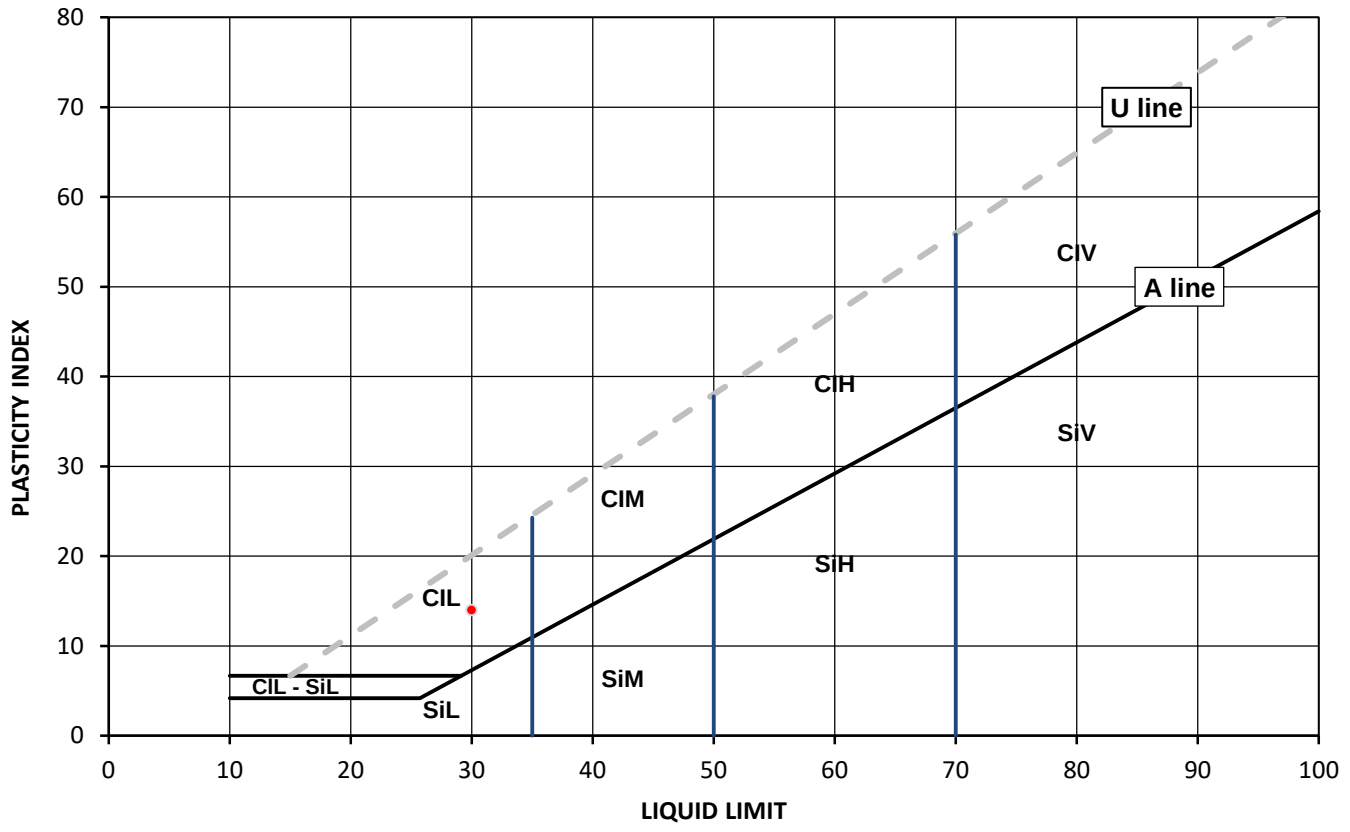
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819224	Depth Top [m]:	1.50
Hole No.:	SA101	Depth Base [m]:	2.00
Sample Reference:	Not Given	Sample Type:	B
Soil Description:	Brown gravelly very sandy CLAY		

Sample Preparation: Tested after washing to remove >425um

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
21	30	16	14	85



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	09/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

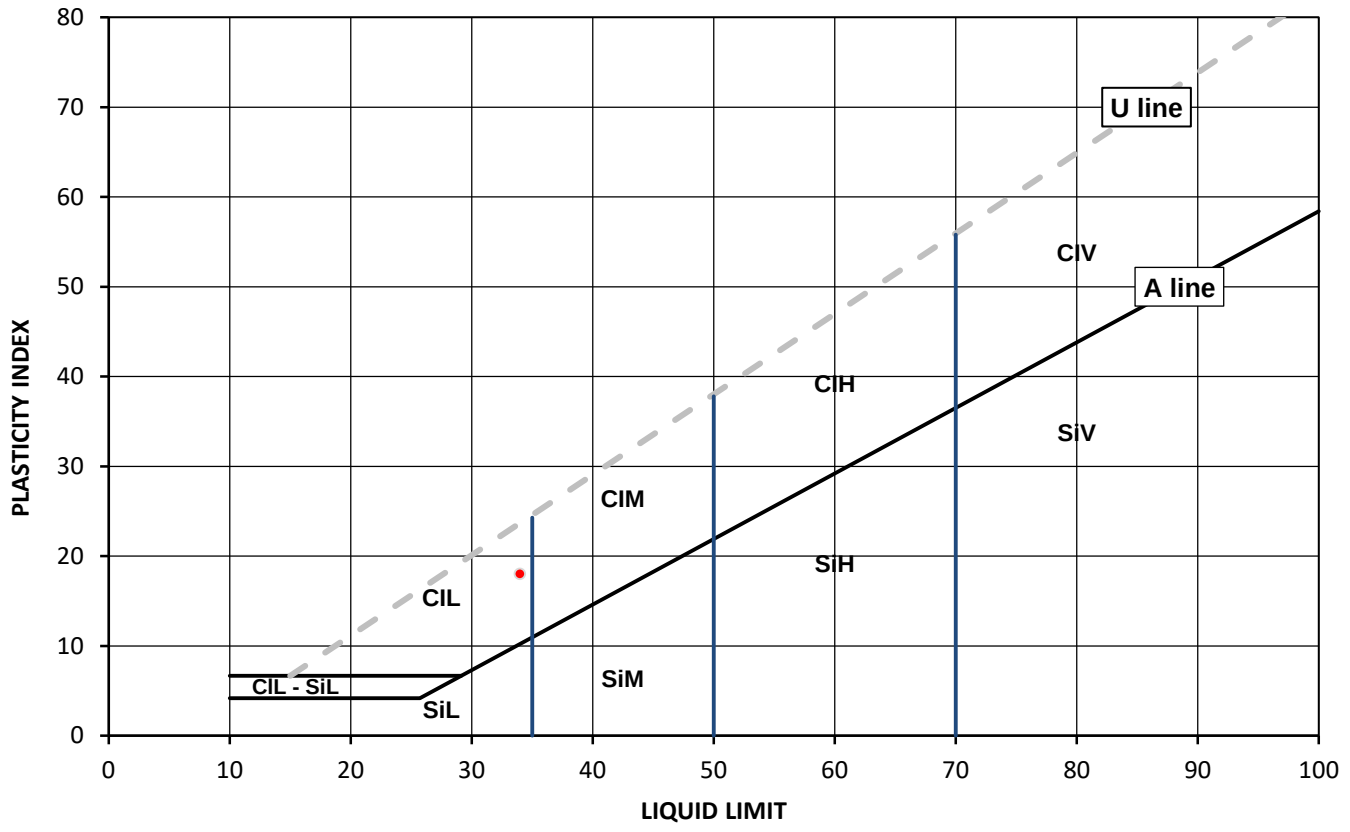
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819228	Depth Top [m]:	9.50
Hole No.:	CP101	Depth Base [m]:	10.00
Sample Reference:	Not Given	Sample Type:	B
Soil Description:	Brown very sandy CLAY		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
28	34	16	18	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	10/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

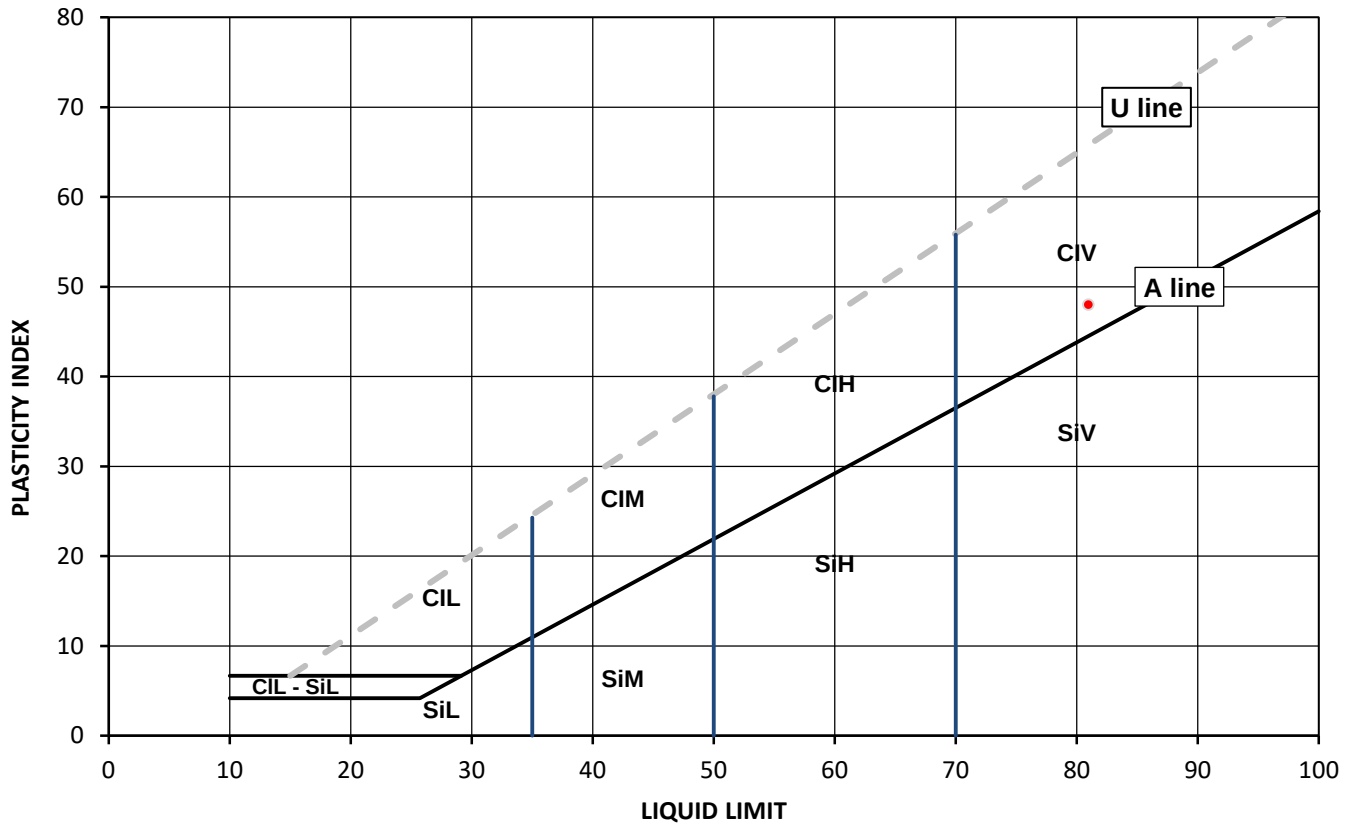
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819229	Depth Top [m]:	12.00
Hole No.:	CP103	Depth Base [m]:	12.50
Sample Reference:	Not Given	Sample Type:	B
Soil Description:	Dark brown CLAY		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
25	81	33	48	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client: Delta-Simons
Client Address: 20 Little Britain, London, EC1A 7DH
Contact: Tom Ambler
Site Address: 651-664 Ajax Avenue, Slough

Client Reference: 21-0205.01
Job Number: 21-65484
Date Sampled: 08/03/2021
Date Received: 12/03/2021
Date Tested: 06/04/2021
Sampled By: Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

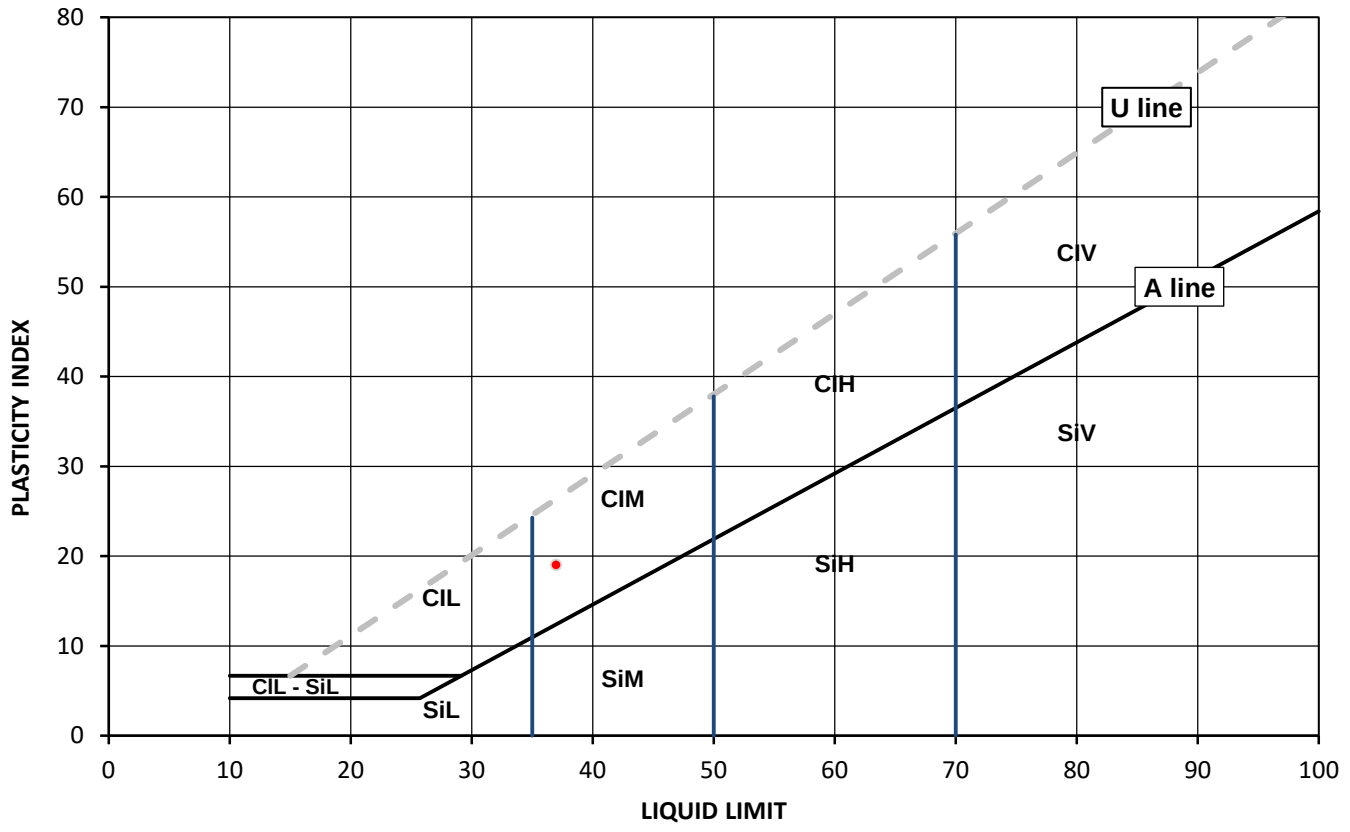
Test Results:

Laboratory Reference: 1819246
Hole No.: CP101
Sample Reference: Not Given
Soil Description: Brown sandy CLAY

Depth Top [m]: 1.20
Depth Base [m]: Not Given
Sample Type: D

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
12	37	18	19	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	08/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

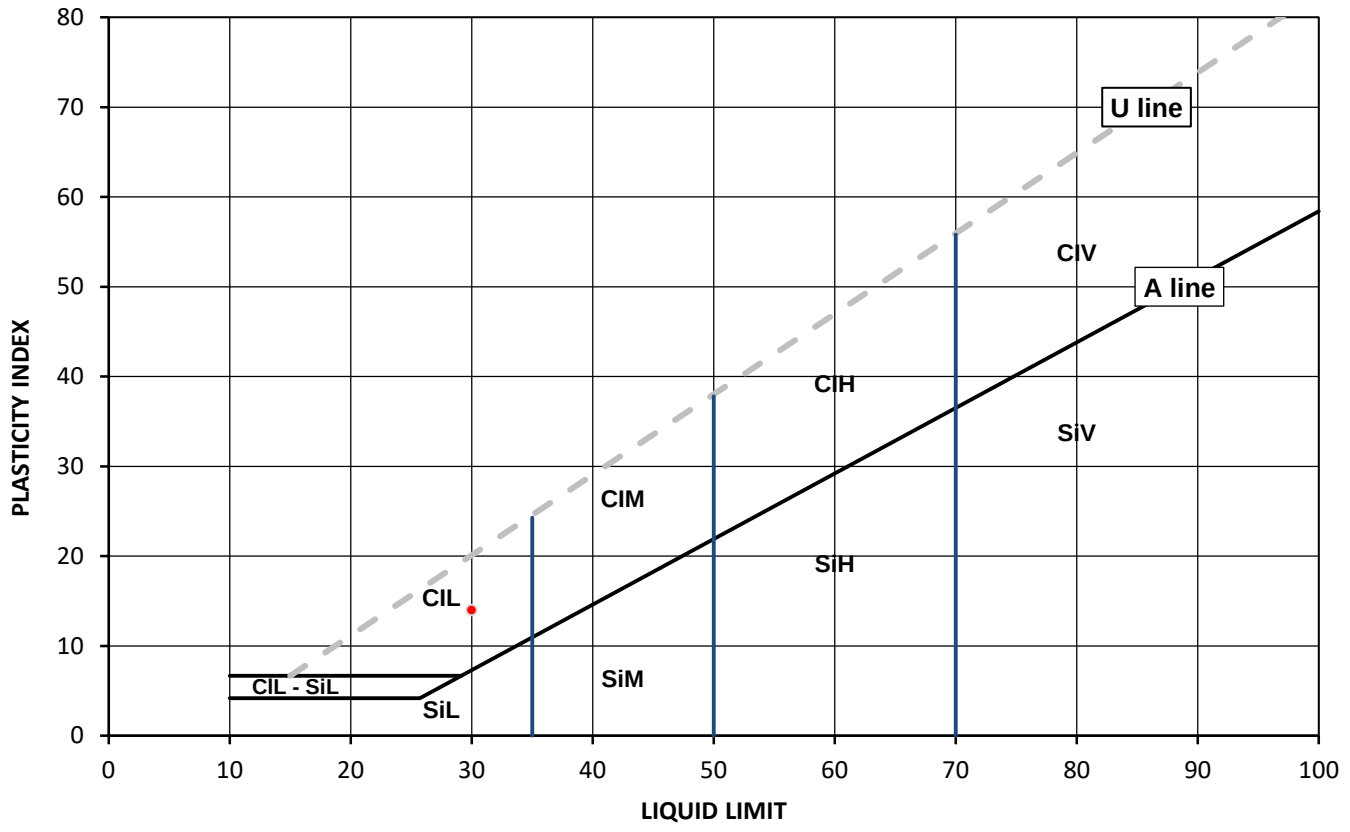
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819247	Depth Top [m]:	2.00
Hole No.:	CP101	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown gravelly very sandy CLAY		

Sample Preparation: Tested after washing to remove >425um

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
7.3	30	16	14	58



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	08/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

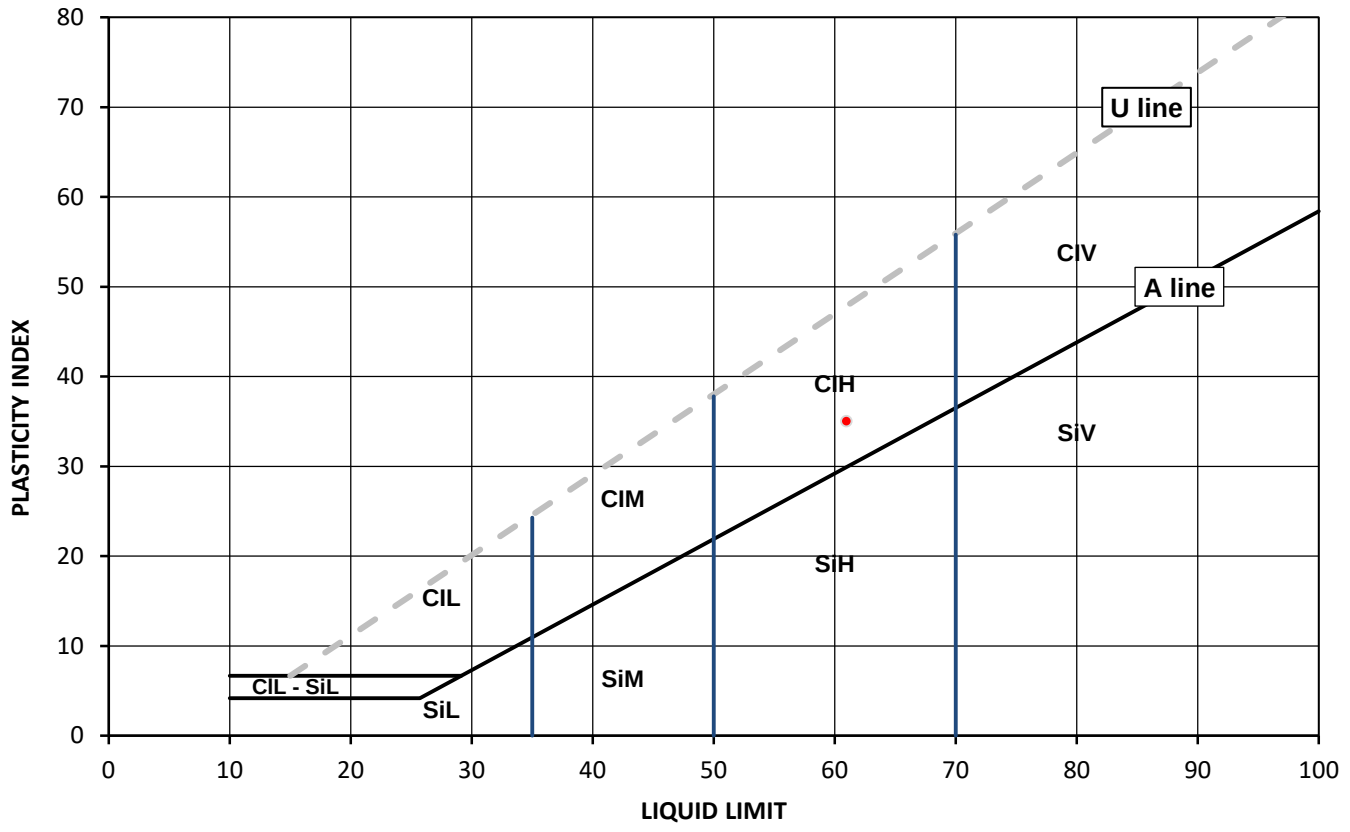
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819249	Depth Top [m]:	8.00
Hole No.:	CP101	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown slightly gravelly CLAY		

Sample Preparation: Tested after >425um removed by hand

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
26	61	26	35	98



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

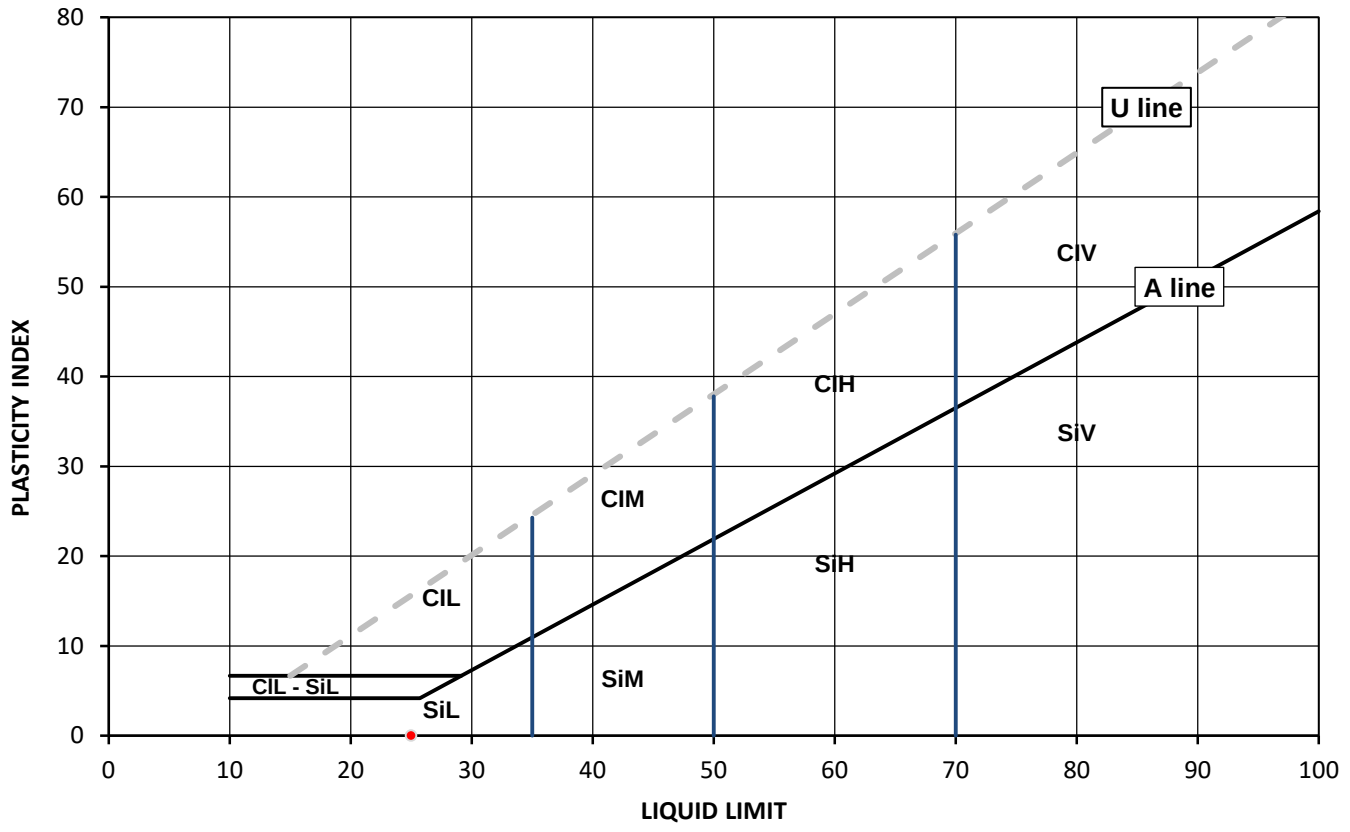
Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	09/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819250	Depth Top [m]:	8.70
Hole No.:	CP101	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown slightly clayey SAND		
Sample Preparation:	Tested in natural condition		

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
21	25	NP	NP	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: NP - non plastic
Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	09/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

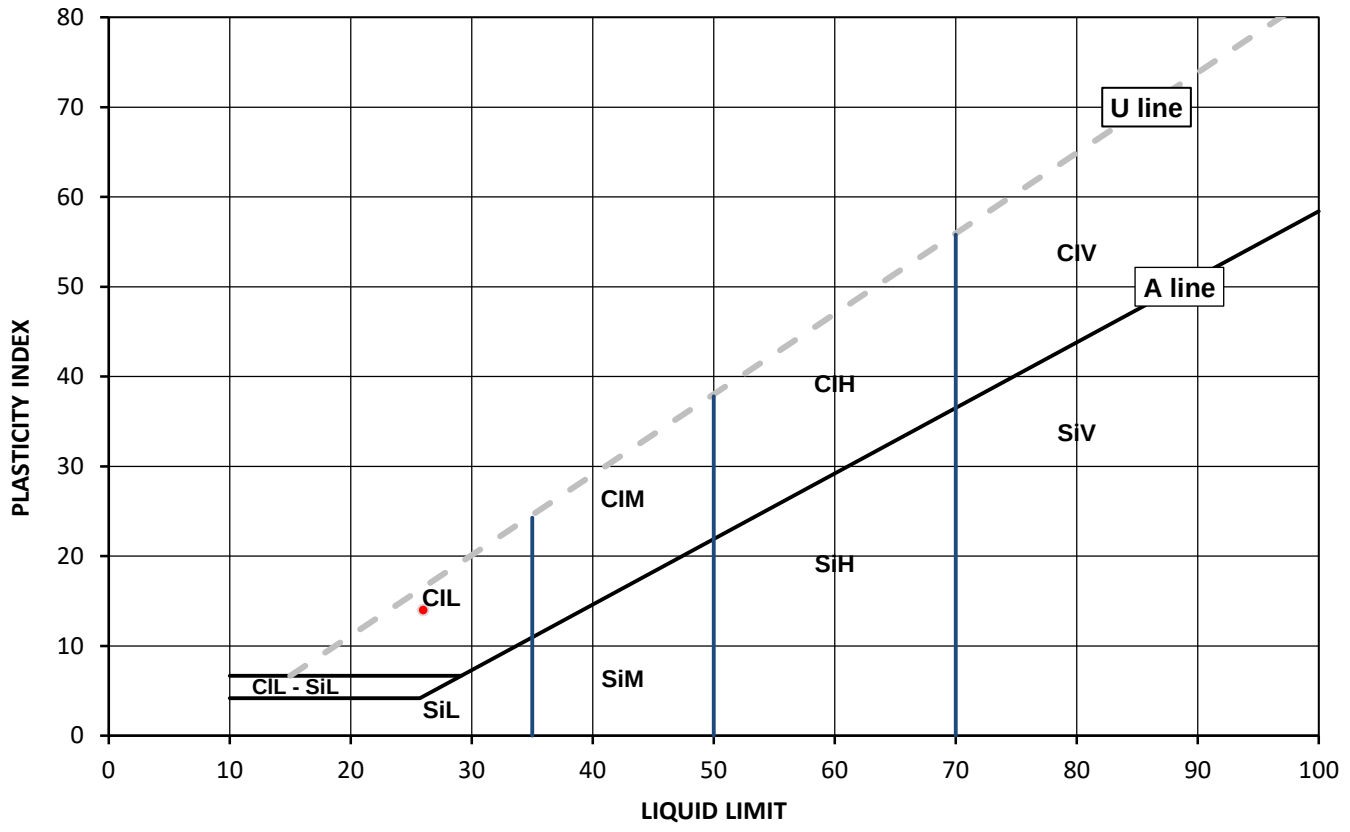
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819251	Depth Top [m]:	9.00
Hole No.:	CP101	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown clayey SAND		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
25	26	12	14	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	11/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

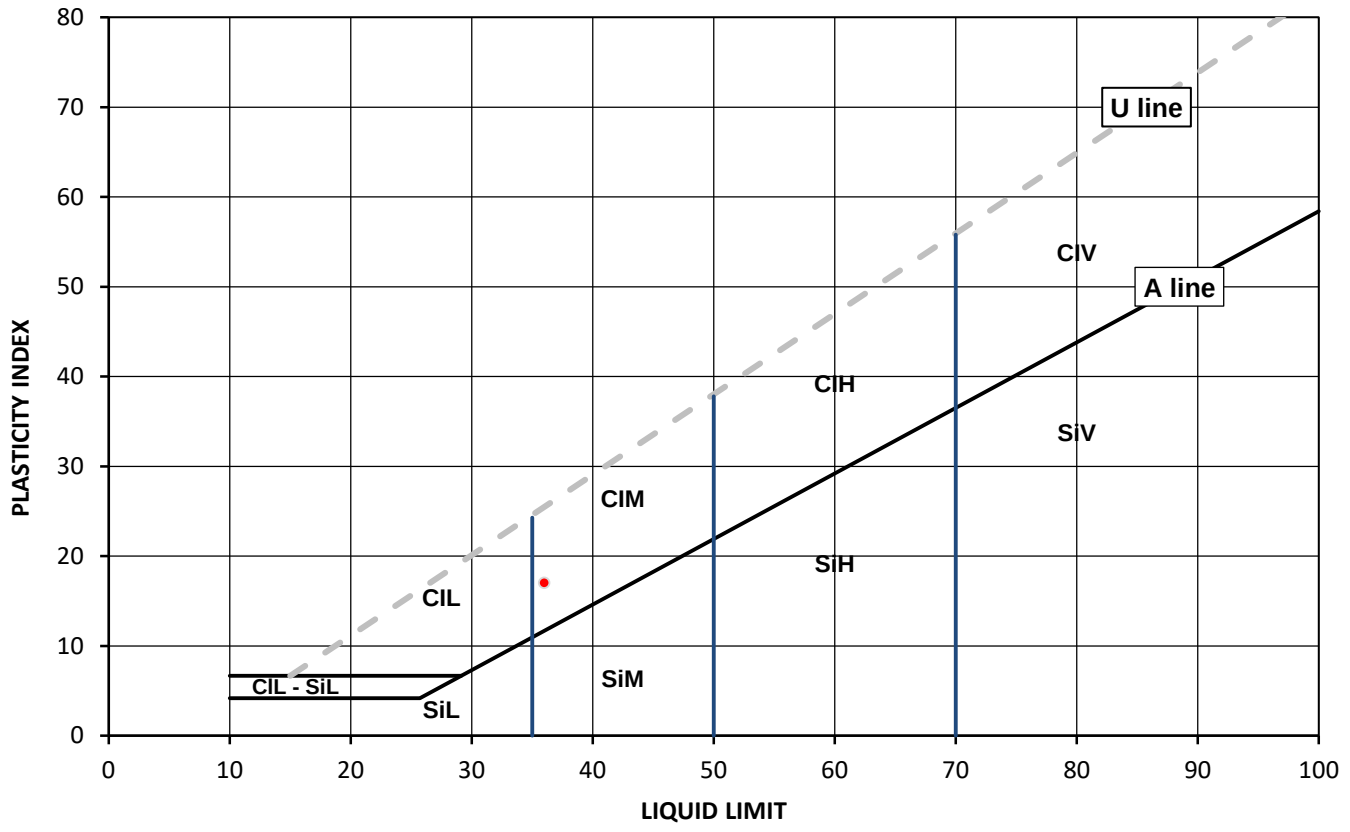
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819254	Depth Top [m]:	1.20
Hole No.:	CP105	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown slightly gravelly sandy CLAY		

Sample Preparation: Tested after >425um removed by hand

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
21	36	19	17	98



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	11/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

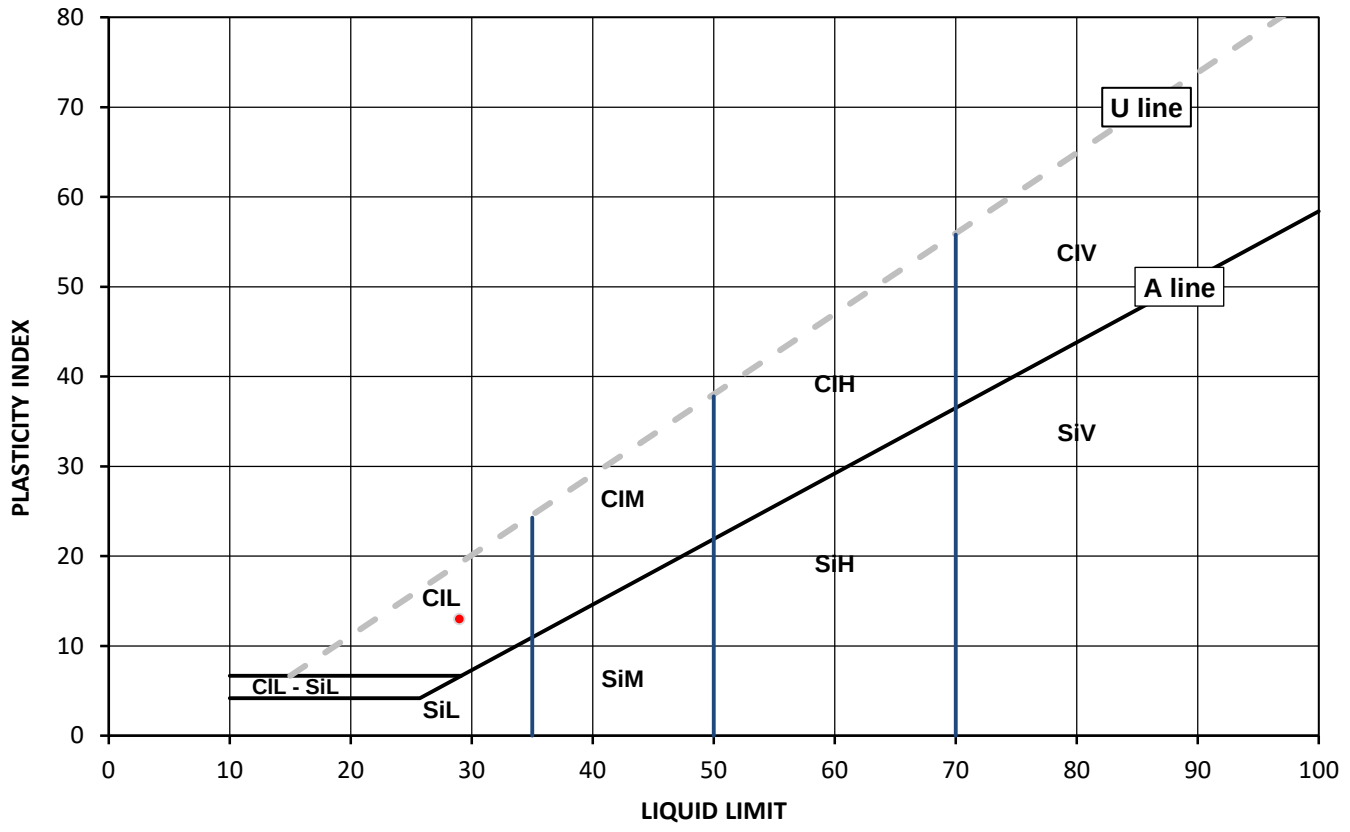
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819255	Depth Top [m]:	2.00
Hole No.:	CP105	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown slightly gravelly very sandy CLAY		

Sample Preparation: Tested after washing to remove >425um

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
16	29	16	13	63



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	12/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

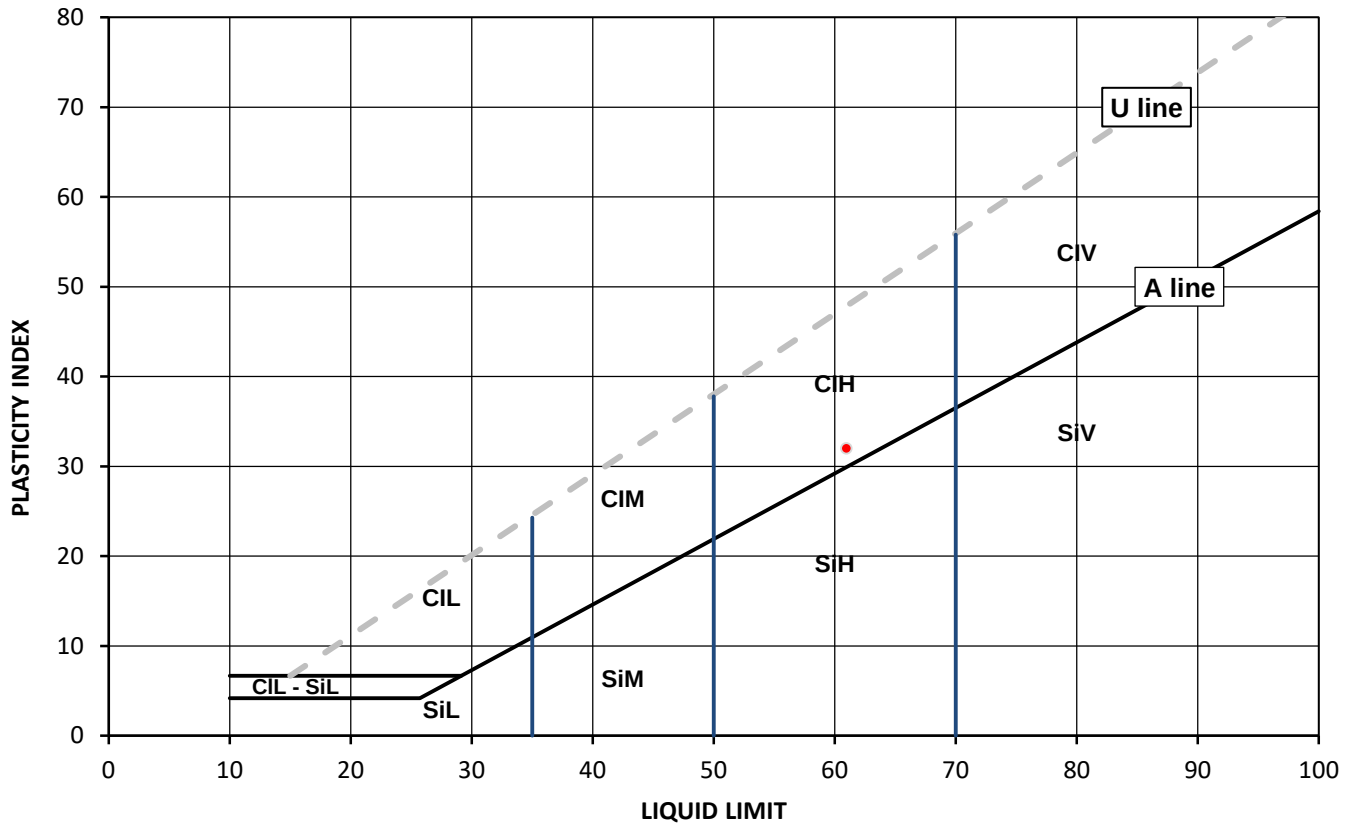
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819257	Depth Top [m]:	6.00
Hole No.:	CP105	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown CLAY		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
31	61	29	32	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	12/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

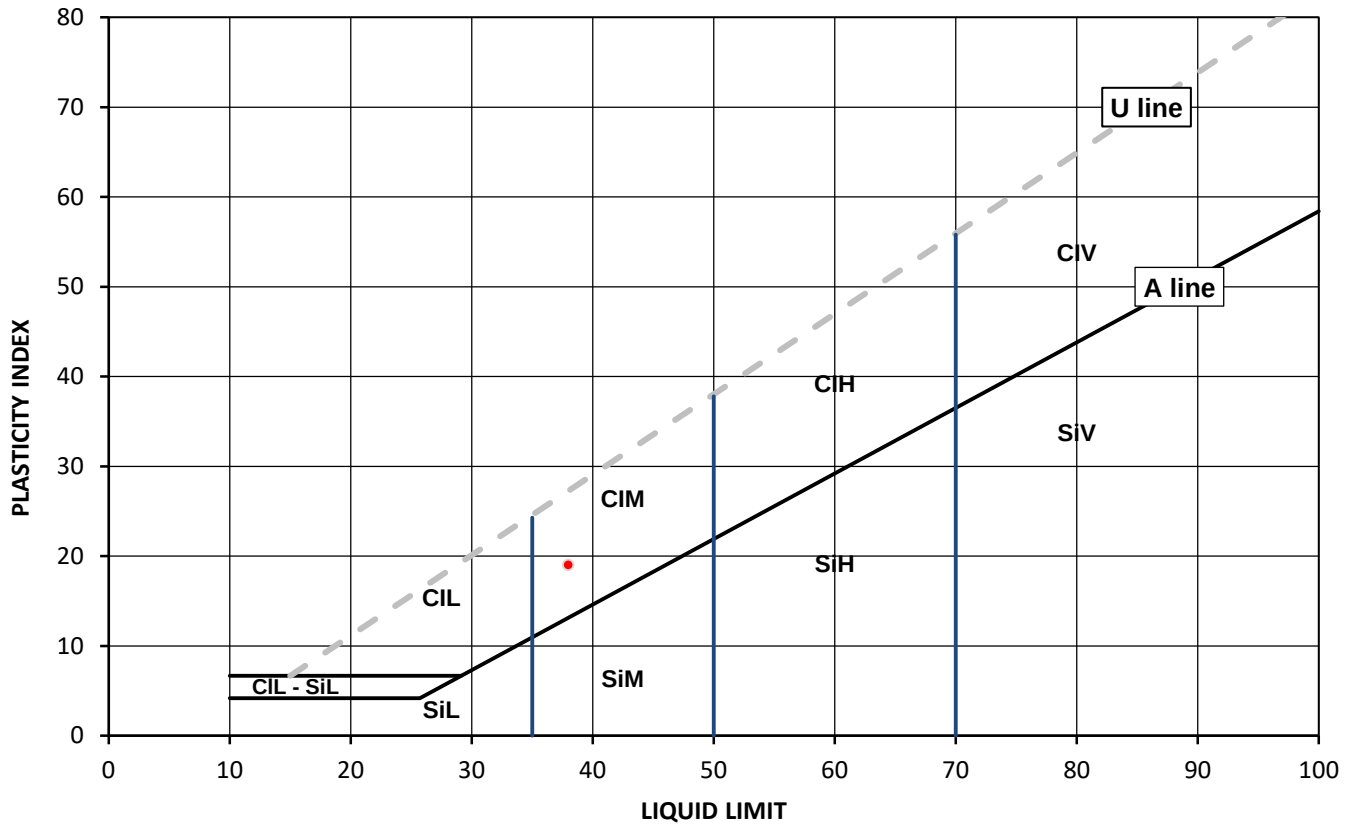
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819258	Depth Top [m]:	10.30
Hole No.:	CP105	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown sandy CLAY		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
21	38	19	19	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

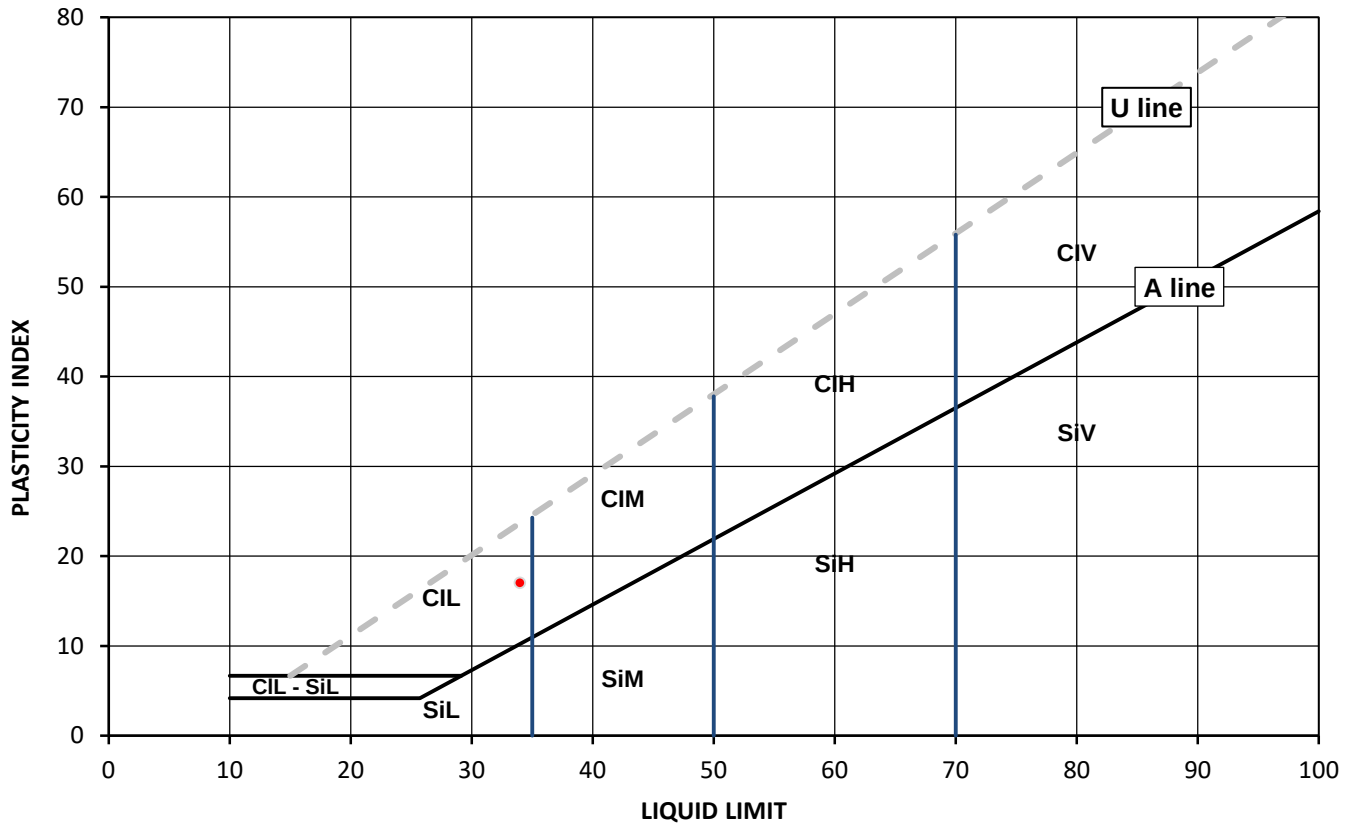
Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	15/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	07/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819259	Depth Top [m]:	1.20
Hole No.:	CP102	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown slightly gravelly very sandy CLAY		
Sample Preparation:	Tested after >425um removed by hand		

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
21	34	17	17	99



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

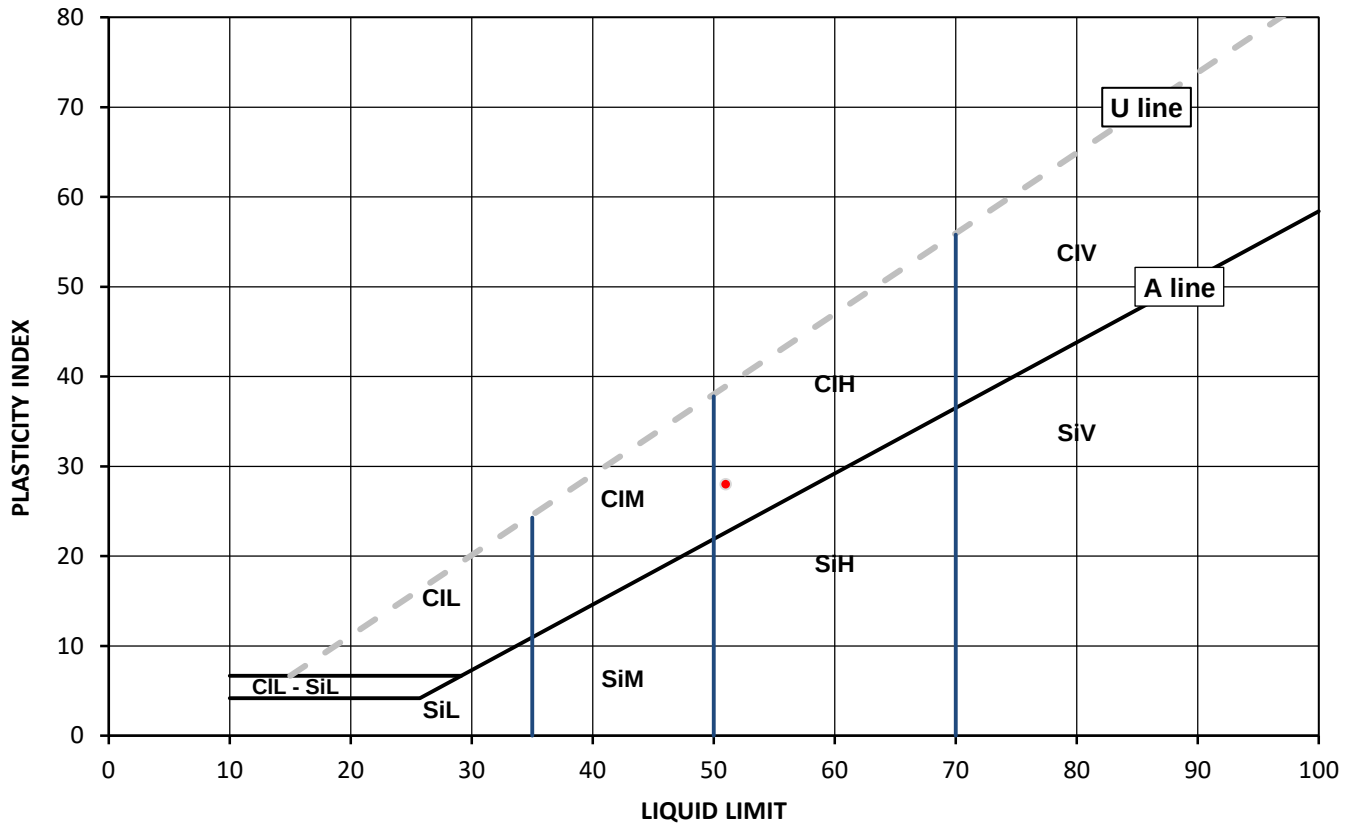
Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	15/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	07/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819262	Depth Top [m]:	7.50
Hole No.:	CP102	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Dark brown slightly sandy CLAY		
Sample Preparation:	Tested in natural condition		

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
19	51	23	28	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	15/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	07/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

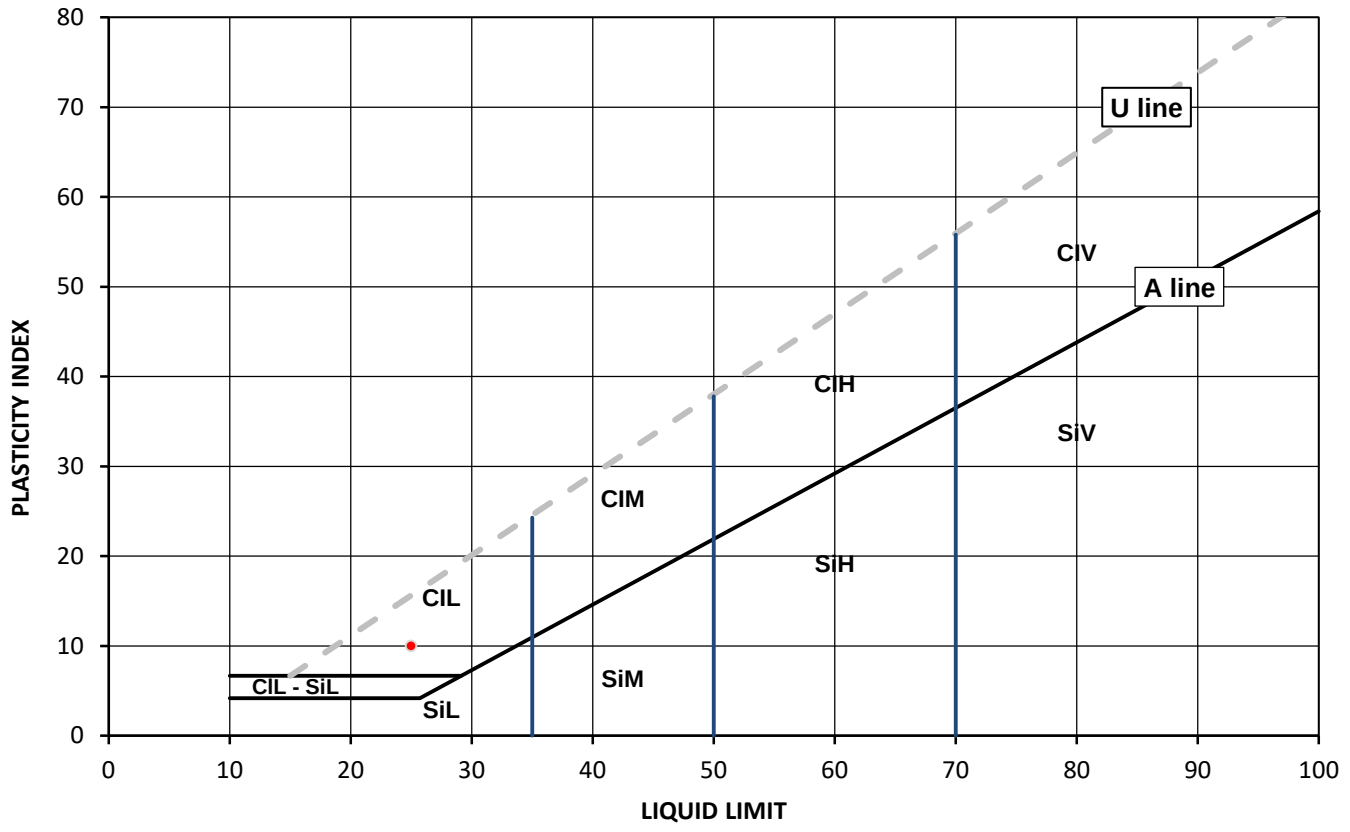
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819263	Depth Top [m]:	9.00
Hole No.:	CP102	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown clayey SAND		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
18	25	15	10	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	15/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	07/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

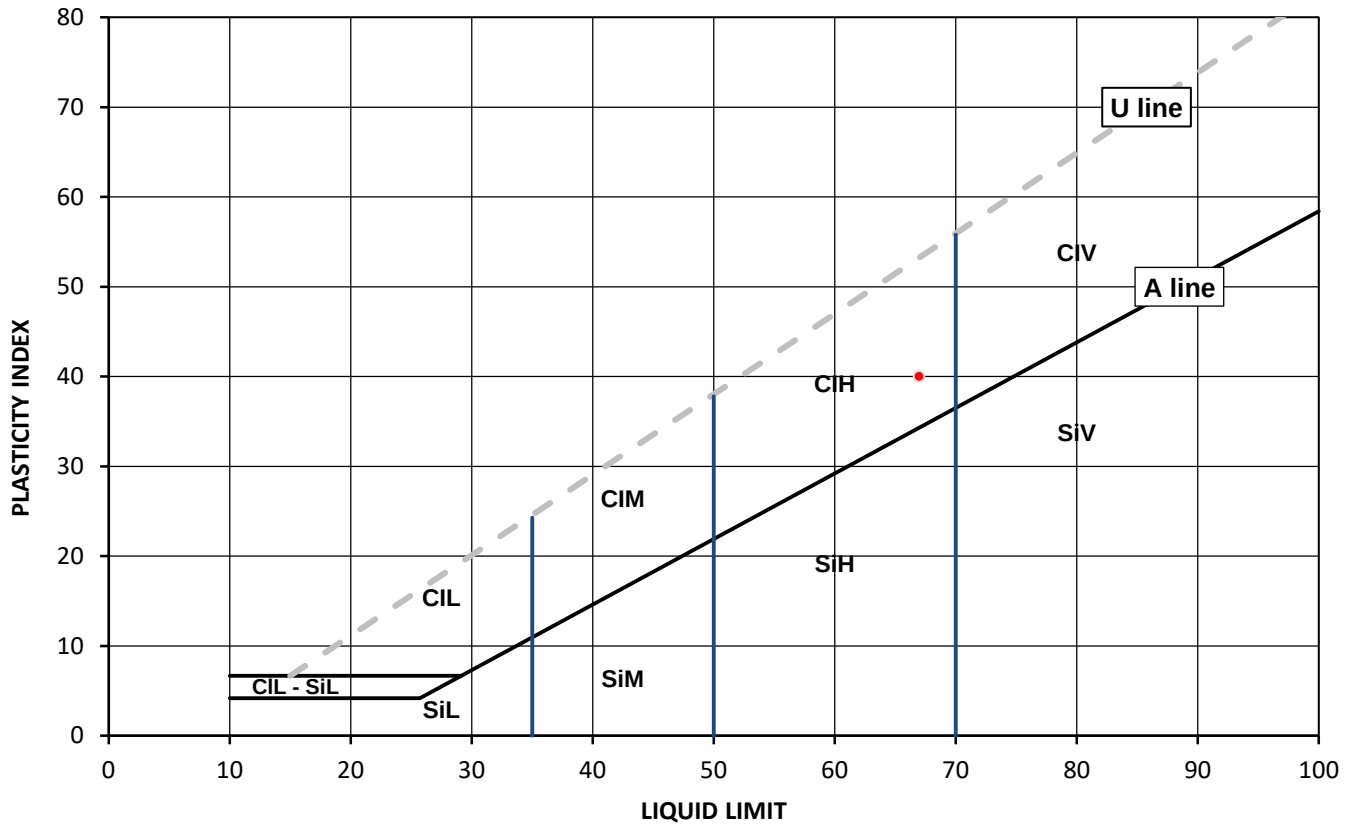
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819264	Depth Top [m]:	11.50
Hole No.:	CP102	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Dark brown CLAY		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
21	67	27	40	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	15/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	07/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

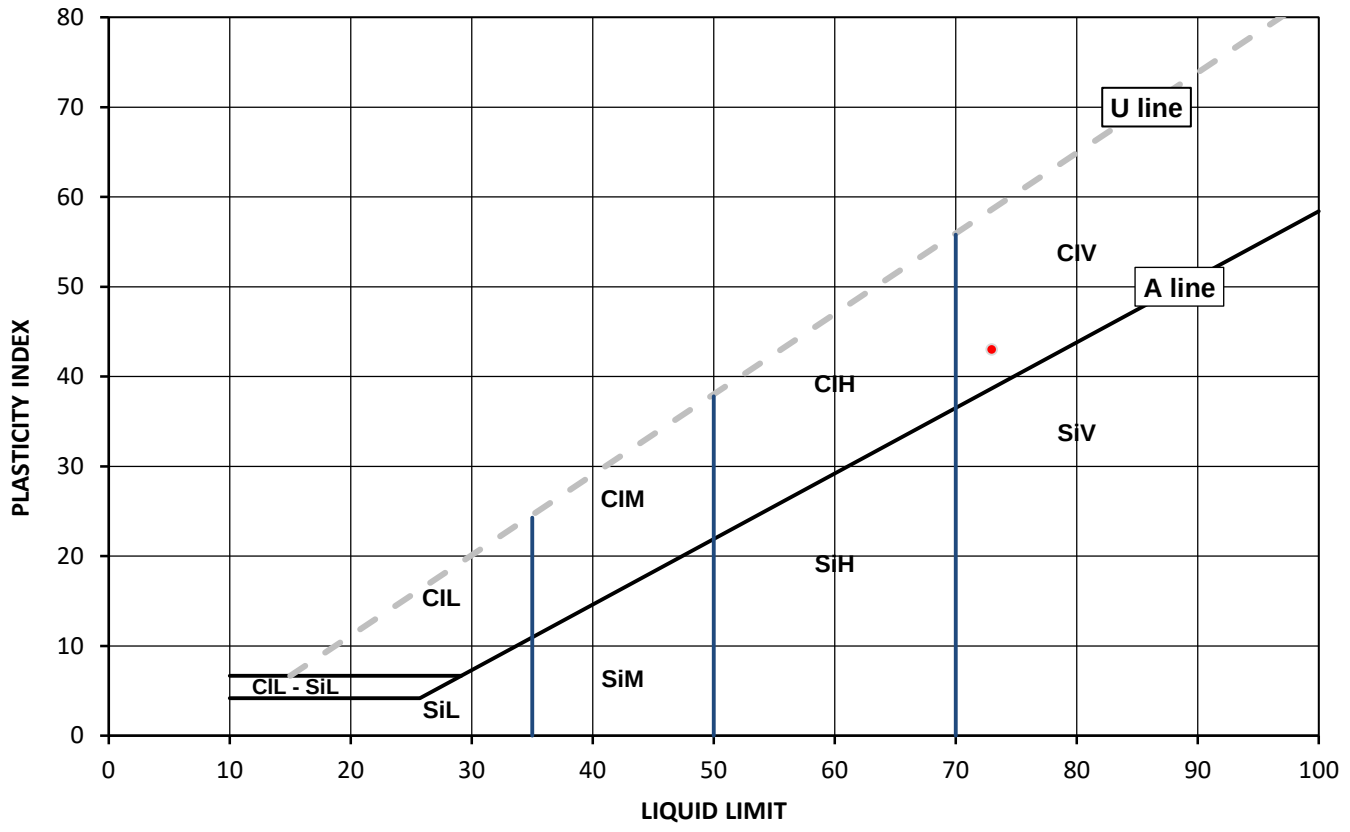
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819265	Depth Top [m]:	13.00
Hole No.:	CP102	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Dark brown CLAY		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
25	73	30	43	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	11/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	07/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

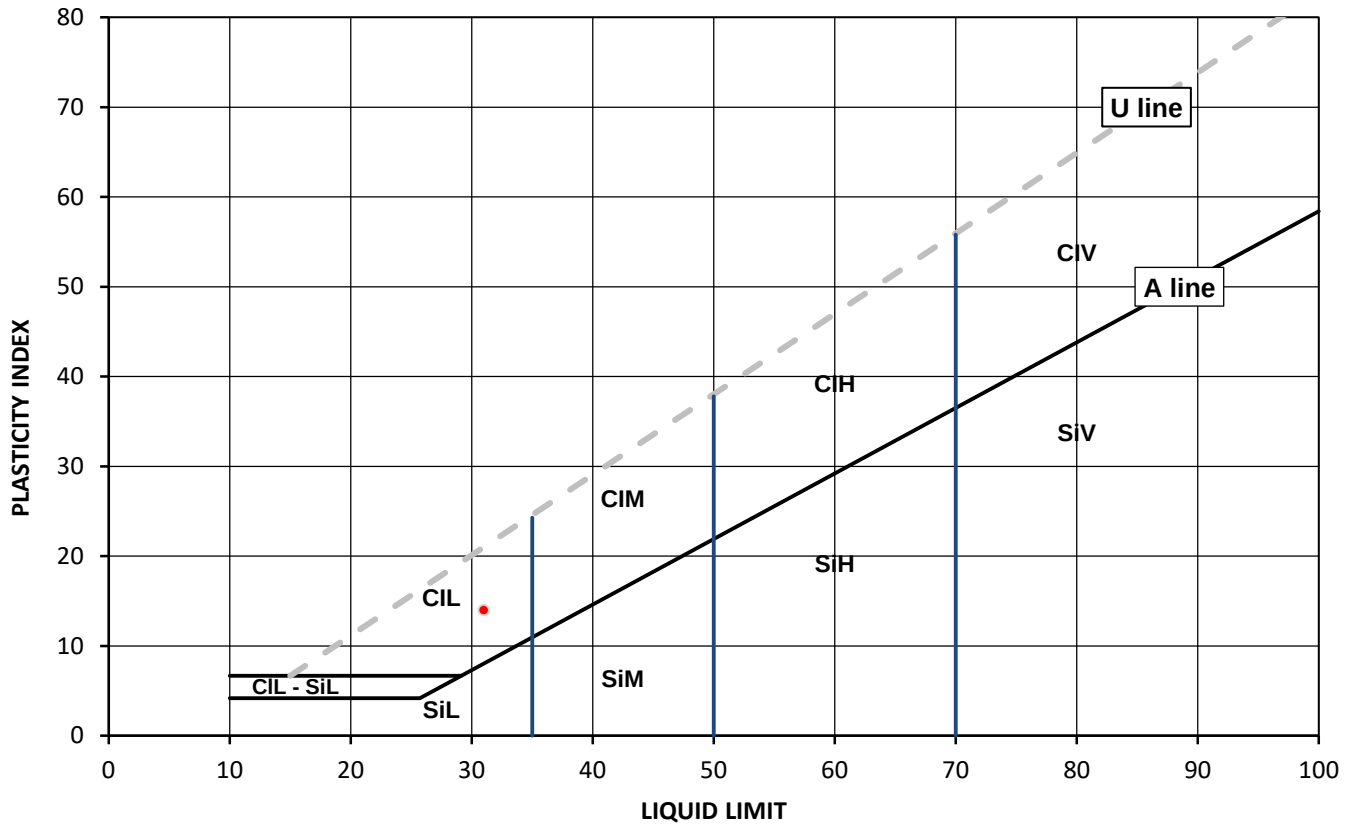
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819266	Depth Top [m]:	3.00
Hole No.:	TP109	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown gravelly very sandy CLAY		

Sample Preparation: Tested after washing to remove >425um

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
7.8	31	17	14	35



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	11/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

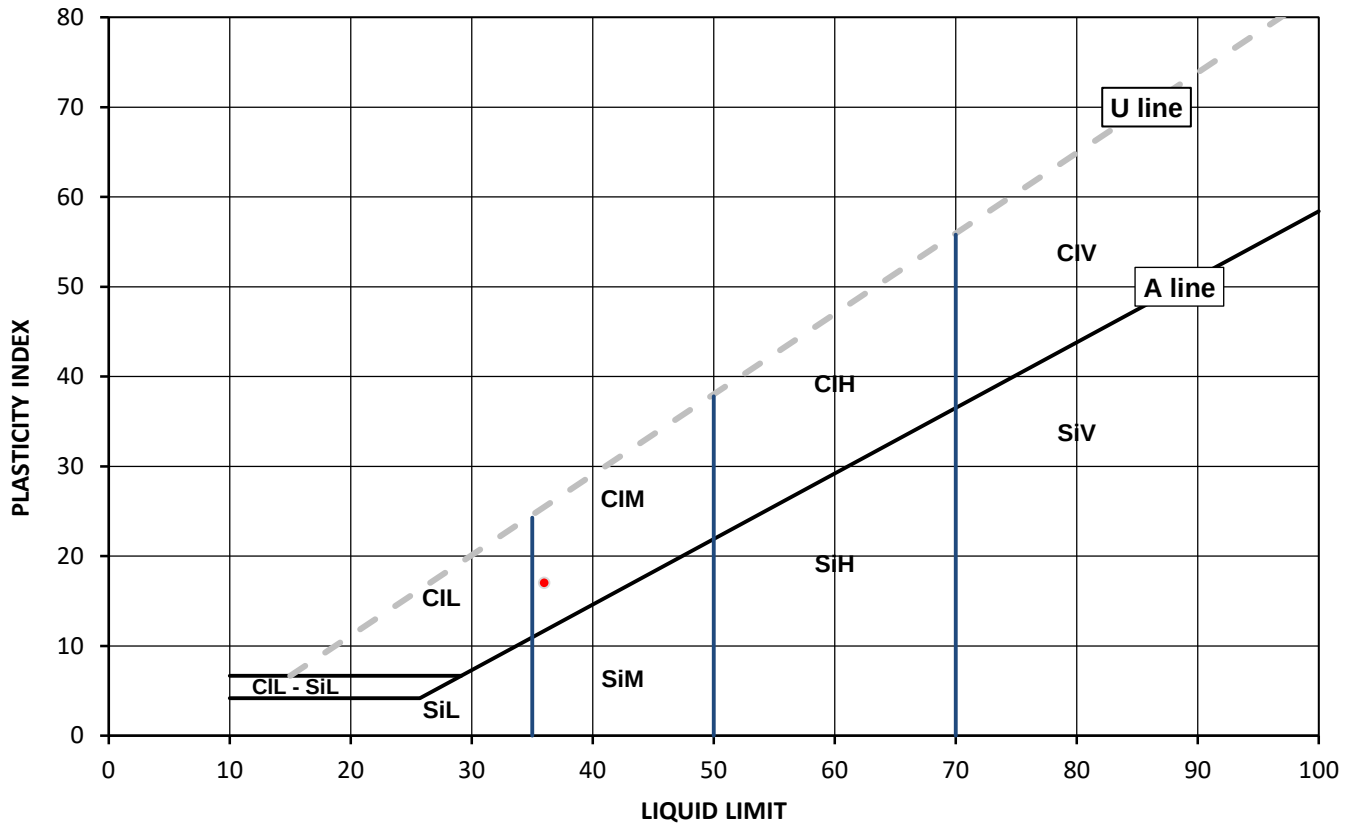
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819267	Depth Top [m]:	1.00
Hole No.:	TP104	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	B
Soil Description:	Brown sandy CLAY		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
20	36	19	17	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	11/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	07/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

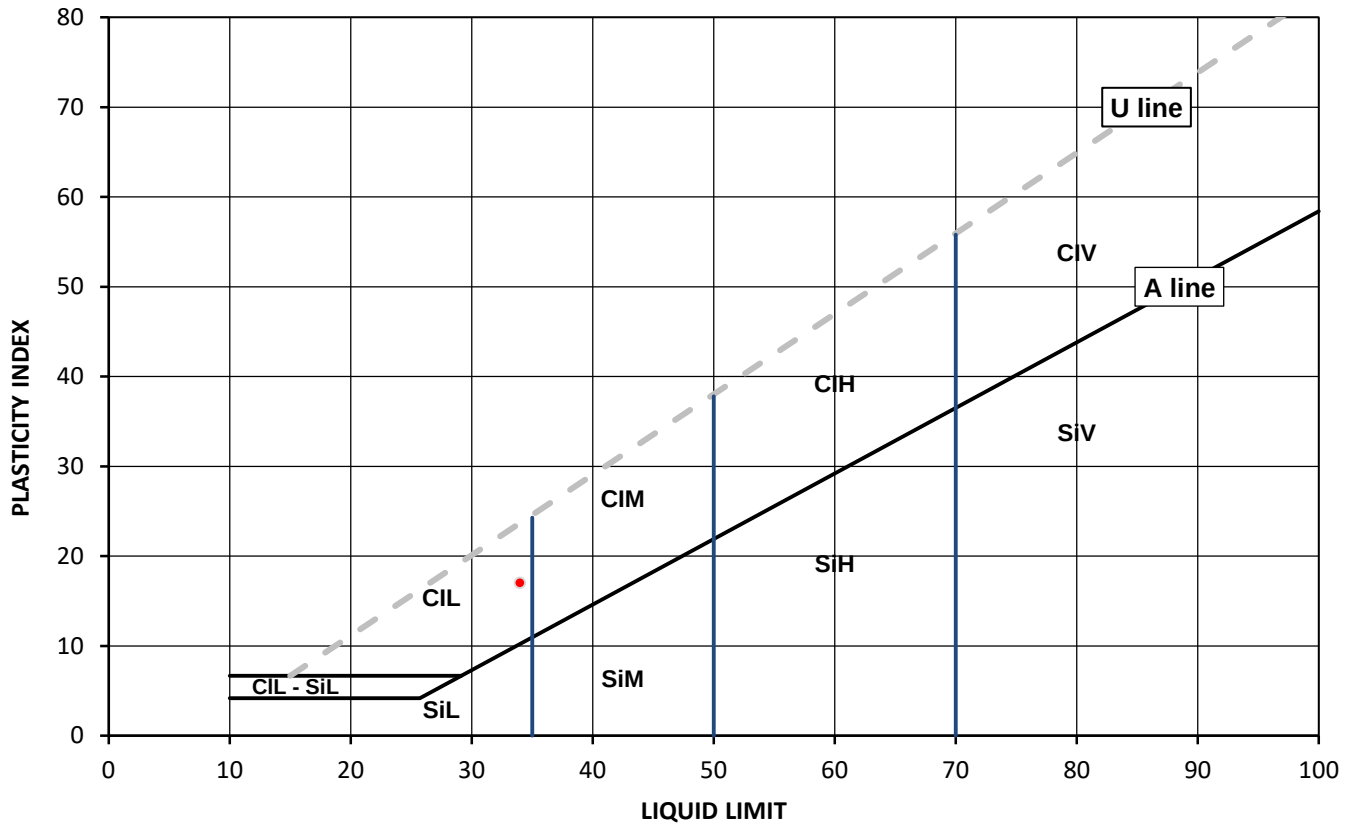
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819268	Depth Top [m]:	10.50
Hole No.:	CP104	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown very sandy CLAY		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
29	34	17	17	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with: BS 1377-2: 1990: Clause 4.3 and 5

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	11/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	07/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

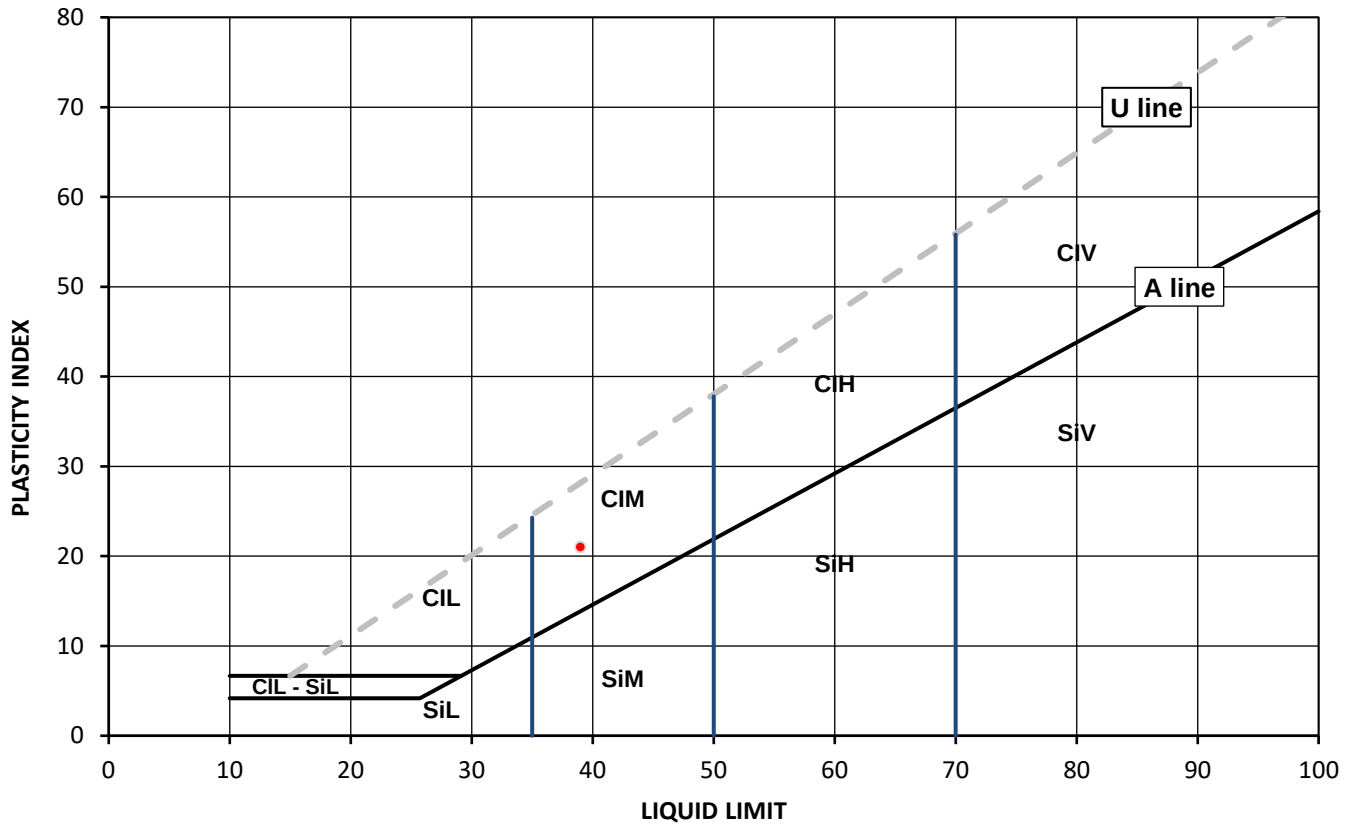
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819269	Depth Top [m]:	11.20
Hole No.:	CP104	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Soil Description:	Brown sandy CLAY		

Sample Preparation: Tested in natural condition

As Received Moisture Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
18	39	18	21	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 236.10

SUMMARY REPORT

Summary of Classification Test Results

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with:

Moisture Content by BS 1377-2: 1990: Clause 3.2; Water Content by BS EN 17892-1: 2014; Atterberg by BS 1377-2: 1990: Clause 4.3 (4 Point Test), Clause 4.4 (1 Point Test) and 5; PD by BS 1377-2: 1990: Clause 8.2

Client: Delta-Simons

Client Address: 20 Little Britain, London, EC1A 7DH

Contact: Tom Ambler

Site Address: 651-664 Ajax Avenue, Slough

Client Reference: 21-0205.01
Job Number: 21-65484
Date Sampled: 08/03 - 15/03/2021
Date Received: 12/03/2021
Date Tested:
Sampled By: Summary

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	Moisture Content [W]	Water Content [W]	Atterberg				Density			Total Porosity#		
		Reference	Depth Top m	Depth Base m	Type			%	%	% Passing 425um %	WL %	Wp %	Ip %	bulk Mg/m3	dry Mg/m3	PD Mg/m3	%		
1819245	CP101	Not Given	0.50	Not Given	D	Brown CLAY		17											
1819246	CP101	Not Given	1.20	Not Given	D	Brown sandy CLAY	Atterberg 4 Point	12		100	37	18	19						
1819247	CP101	Not Given	2.00	Not Given	D	Brown gravelly very sandy CLAY	Atterberg 4 Point	7.3		58	30	16	14						
1819248	CP101	Not Given	3.00	Not Given	D	Brown sandy GRAVEL		9.8											
1819249	CP101	Not Given	8.00	Not Given	D	Brown slightly gravelly CLAY	Atterberg 4 Point	26		98	61	26	35						
1819250	CP101	Not Given	8.70	Not Given	D	Brown slightly clayey SAND	Atterberg 4 Point	21		100	25	NP							
1819251	CP101	Not Given	9.00	Not Given	D	Brown clayey SAND	Atterberg 4 Point	25		100	26	12	14						
1819228	CP101	Not Given	9.50	10.00	B	Brown very sandy CLAY	Atterberg 4 Point	28		100	34	16	18						
1819252	CP101	Not Given	11.00	Not Given	D	Brown CLAY		26											
1819261	CP102	Not Given	1.00	Not Given	D	Brown CLAY		19											

Note: # Non accredited; NP - Non plastic

Comments: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 238.12

SUMMARY REPORT

Summary of Classification Test Results

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with:

Moisture Content by BS 1377-2: 1990: Clause 3.2; Water Content by BS EN 17892-1: 2014; Atterberg by BS 1377-2: 1990: Clause 4.3 (4 Point Test), Clause 4.4 (1 Point Test) and 5; PD by BS 1377-2: 1990: Clause 8.2

Client: Delta-Simons

Client Address: 20 Little Britain, London, EC1A 7DH

Contact: Tom Ambler

Site Address: 651-664 Ajax Avenue, Slough

Client Reference: 21-0205.01
Job Number: 21-65484
Date Sampled: 09/03 - 15/03/2021
Date Received: 12/03/2021
Date Tested: 06/04 - 07/04/2021
Sampled By: Summary

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	Moisture Content [W]	Water Content [W]	Atterberg				Density			Total Porosity#		
		Reference	Depth Top m	Depth Base m	Type			%	%	% Passing 425um %	WL %	Wp %	Ip %	bulk Mg/m3	dry Mg/m3	PD Mg/m3	%		
1819259	CP102	Not Given	1.20	Not Given	D	Brown slightly gravelly very sandy CLAY	Atterberg 4 Point	21		99	34	17	17						
1819260	CP102	Not Given	3.00	Not Given	D	Brown sandy clayey GRAVEL		7.4											
1819262	CP102	Not Given	7.50	Not Given	D	Dark brown slightly sandy CLAY	Atterberg 4 Point	19		100	51	23	28						
1819263	CP102	Not Given	9.00	Not Given	D	Brown clayey SAND	Atterberg 4 Point	18		100	25	15	10						
1819264	CP102	Not Given	11.50	Not Given	D	Dark brown CLAY	Atterberg 4 Point	21		100	67	27	40						
1819265	CP102	Not Given	13.00	Not Given	D	Dark brown CLAY	Atterberg 4 Point	25		100	73	30	43						
1819229	CP103	Not Given	12.00	12.50	B	Dark brown CLAY	Atterberg 4 Point	25		100	81	33	48						
1819253	CP104	Not Given	4.50	5.00	D	Brown sandy GRAVEL		3.2											
1819268	CP104	Not Given	10.50	Not Given	D	Brown very sandy CLAY	Atterberg 4 Point	29		100	34	17	17						
1819269	CP104	Not Given	11.20	Not Given	D	Brown sandy CLAY	Atterberg 4 Point	18		100	39	18	21						

Note: # Non accredited; NP - Non plastic

Comments: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 238.12

SUMMARY REPORT

Summary of Classification Test Results

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with:

Moisture Content by BS 1377-2: 1990: Clause 3.2; Water Content by BS EN 17892-1: 2014; Atterberg by BS 1377-2: 1990: Clause 4.3 (4 Point Test), Clause 4.4 (1 Point Test) and 5; PD by BS 1377-2: 1990: Clause 8.2

Client: Delta-Simons

Client Address: 20 Little Britain, London, EC1A 7DH

Contact: Tom Ambler

Site Address: 651-664 Ajax Avenue, Slough

Client Reference: 21-0205.01
Job Number: 21-65484
Date Sampled: 08/03 - 12/03/2021
Date Received: 12/03/2021
Date Tested: 06/04/2021
Sampled By: Summary

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	Moisture Content [W]	Water Content [W]	Atterberg				Density			Total Porosity#		
		Reference	Depth Top m	Depth Base m	Type			%	%	% Passing 425um %	WL %	Wp %	Ip %	bulk Mg/m3	dry Mg/m3	PD Mg/m3	%		
1819254	CP105	Not Given	1.20	Not Given	D	Brown slightly gravelly sandy CLAY	Atterberg 4 Point	21		98	36	19	17						
1819255	CP105	Not Given	2.00	Not Given	D	Brown slightly gravelly very sandy CLAY	Atterberg 4 Point	16		63	29	16	13						
1819256	CP105	Not Given	4.00	Not Given	D	Brown sandy GRAVEL		3.4											
1819257	CP105	Not Given	6.00	Not Given	D	Brown CLAY	Atterberg 4 Point	31		100	61	29	32						
1819258	CP105	Not Given	10.30	Not Given	D	Brown sandy CLAY	Atterberg 4 Point	21		100	38	19	19						
1819216	HP101	Not Given	0.90	Not Given	D	Brown sandy CLAY	Atterberg 4 Point	20		100	37	19	18						
1819217	HP102	Not Given	0.80	Not Given	D	Brown sandy CLAY	Atterberg 4 Point	22		100	40	19	21						
1819218	HP103	Not Given	0.80	Not Given	D	Brown sandy CLAY	Atterberg 4 Point	20		100	40	19	21						
1819219	HP104	Not Given	0.75	Not Given	D	Brown sandy CLAY	Atterberg 4 Point	17		100	39	19	20						
1819220	HP105	Not Given	1.00	Not Given	D	Brown sandy CLAY	Atterberg 4 Point	22		100	38	19	19						

Note: # Non accredited; NP - Non plastic

Comments: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 238.12

SUMMARY REPORT

Summary of Classification Test Results

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Tested in Accordance with:

Moisture Content by BS 1377-2: 1990: Clause 3.2; Water Content by BS EN 17892-1: 2014; Atterberg by BS 1377-2: 1990: Clause 4.3 (4 Point Test), Clause 4.4 (1 Point Test) and 5; PD by BS 1377-2: 1990: Clause 8.2

Client: Delta-Simons

Client Address: 20 Little Britain, London, EC1A 7DH

Contact: Tom Ambler

Site Address: 651-664 Ajax Avenue, Slough

Client Reference: 21-0205.01
Job Number: 21-65484
Date Sampled: 10/03 - 11/03/2021
Date Received: 12/03/2021
Date Tested: 06/04 - 07/04/2021
Sampled By: Summary

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	Moisture Content [W]	Water Content [W]	Atterberg				Density			Total Porosity#		
		Reference	Depth Top m	Depth Base m	Type			%	%	% Passing 425um %	WL %	Wp %	Ip %	bulk Mg/m3	dry Mg/m3	PD Mg/m3	%		
1819224	SA101	Not Given	1.50	2.00	B	Brown gravelly very sandy CLAY	Atterberg 4 Point	21		85	30	16	14						
1819222	SA103	Not Given	2.50	3.00	B	Brown slightly clayey very sandy GRAVEL	Atterberg 4 Point	11		35	25	NP							
1819267	TP104	Not Given	1.00	Not Given	B	Brown sandy CLAY	Atterberg 4 Point	20		100	36	19	17						
1819266	TP109	Not Given	3.00	Not Given	D	Brown gravelly very sandy CLAY	Atterberg 4 Point	7.8		35	31	17	14						

Note: # Non accredited; NP - Non plastic

Comments: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 238.12

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

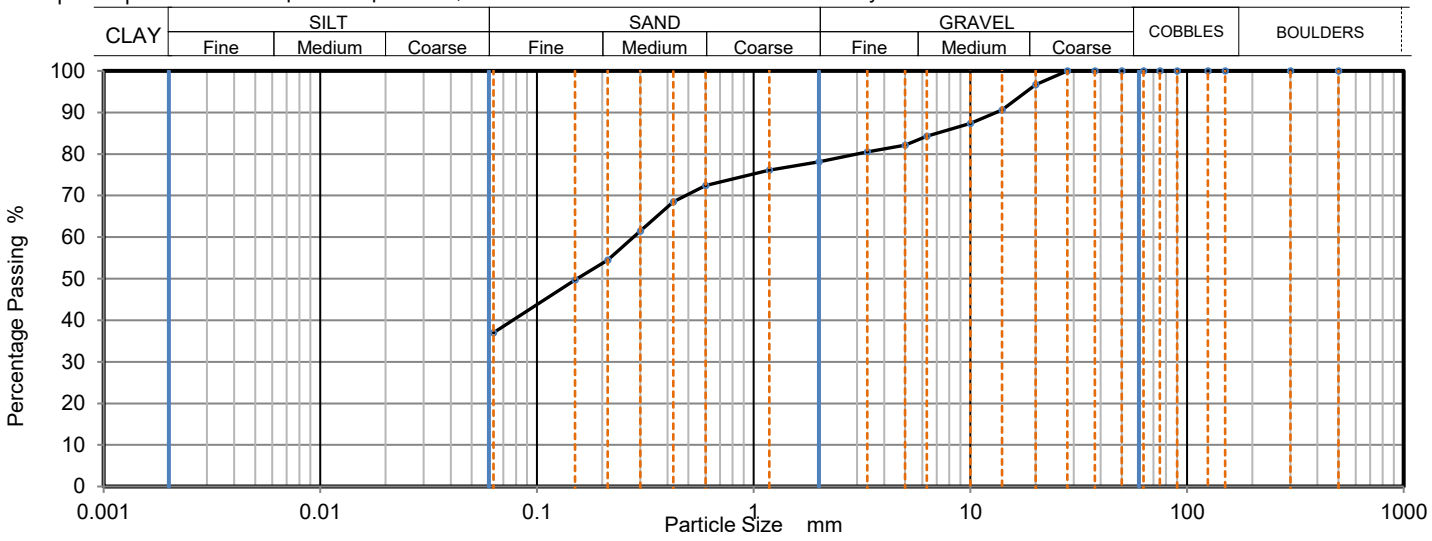
Environmental Science

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	10/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819221	Depth Top [m]:	2.50
Hole No.:	SA101	Depth Base [m]:	3.00
Sample Reference:	Not Given	Sample Type:	B
Sample Description:	Brown very gravelly very clayey SAND		
Sample Preparation:	Sample was quartered, oven dried at 107.0 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	97		
14	91		
10	87		
6.3	84		
5	82		
3.35	81		
2	78		
1.18	76		
0.6	72		
0.425	69		
0.3	62		
0.212	55		
0.15	50		
0.063	38		

Sample Proportions	% dry mass
Very coarse	0
Gravel	22
Sand	40
Fines <0.063mm	38

Grading Analysis		
D100	mm	28
D60	mm	0.278
D30	mm	
D10	mm	
Uniformity Coefficient		> 4.4
Curvature Coefficient		

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clause 9.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

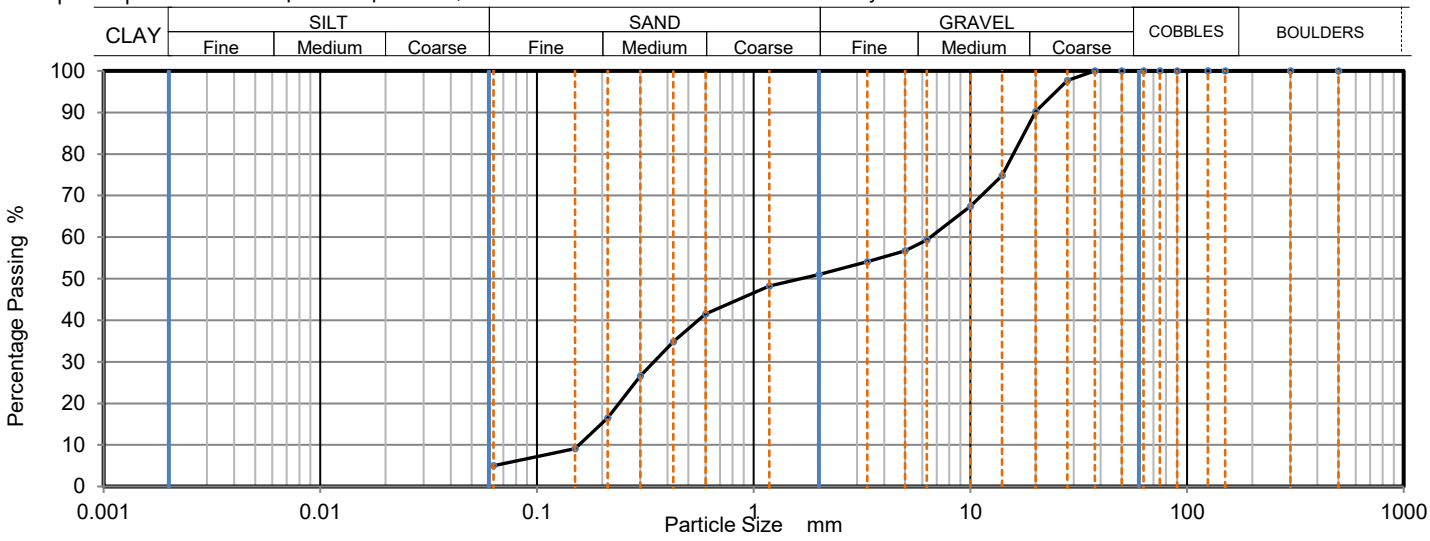
Environmental Science

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	10/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819222	Depth Top [m]:	2.50
Hole No.:	SA103	Depth Base [m]:	3.00
Sample Reference:	Not Given	Sample Type:	B
Sample Description:	Brown slightly clayey very sandy GRAVEL		
Sample Preparation:	Sample was quartered, oven dried at 106.1 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	98		
20	90		
14	75		
10	67		
6.3	59		
5	57		
3.35	54		
2	51		
1.18	48		
0.6	42		
0.425	35		
0.3	27		
0.212	17		
0.15	9		
0.063	6		

Sample Proportions	% dry mass
Very coarse	0
Gravel	49
Sand	45
Fines <0.063mm	6

Grading Analysis		
D100	mm	37.5
D60	mm	6.56
D30	mm	0.346
D10	mm	0.156
Uniformity Coefficient		42
Curvature Coefficient		0.12

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clause 9.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

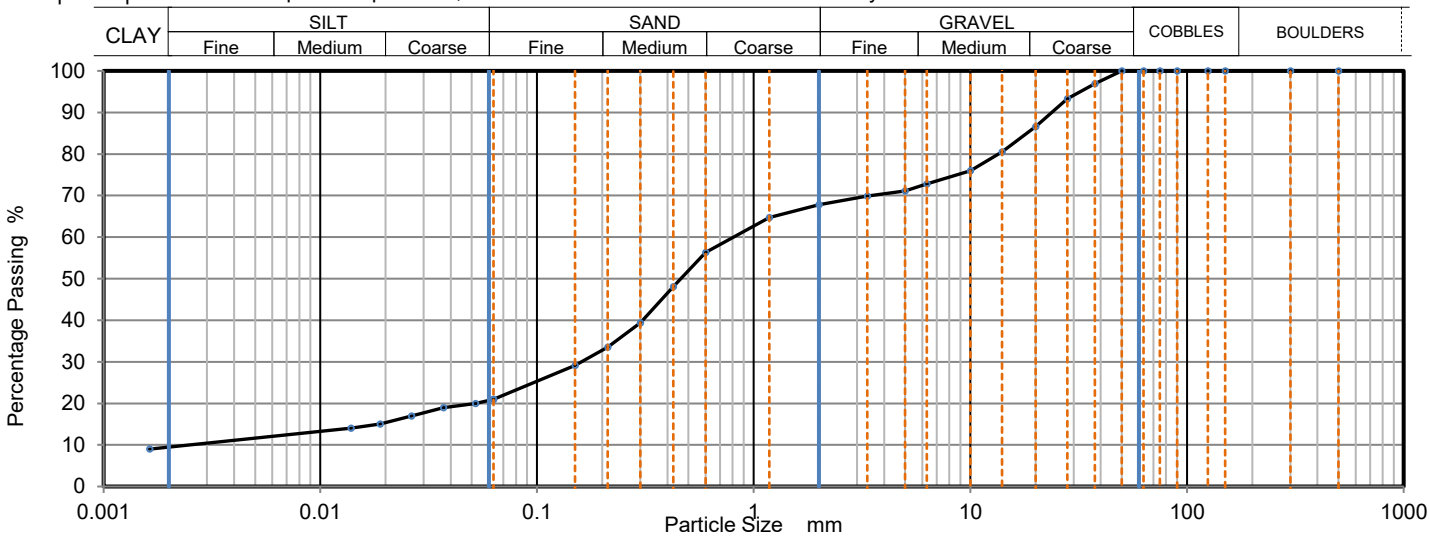
Environmental Science

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	10/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819223	Depth Top [m]:	2.50
Hole No.:	SA104	Depth Base [m]:	3.00
Sample Reference:	Not Given	Sample Type:	B
Sample Description:	Brown clayey silty very gravelly SAND		
Sample Preparation:	Sample was quartered, oven dried at 106.1 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100	0.0630	21
300	100	0.0521	20
150	100	0.0371	19
125	100	0.0264	17
90	100	0.0189	15
75	100	0.0138	14
63	100	0.0016	9
50	100		
37.5	97		
28	93		
20	87		
14	81		
10	76		
6.3	73		
5	71		
3.35	70	Particle density	(assumed)
2	68	2.65	Mg/m3
1.18	65		
0.6	56		
0.425	48		
0.3	39		
0.212	34		
0.15	29		
0.063	21		

Sample Proportions	% dry mass
Very coarse	0
Gravel	32
Sand	47
Silt	12
Clay	9

Grading Analysis		
D100	mm	50
D60	mm	0.809
D30	mm	0.161
D10	mm	0.00281
Uniformity Coefficient		290
Curvature Coefficient		11

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clauses 9.2 and 9.5

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

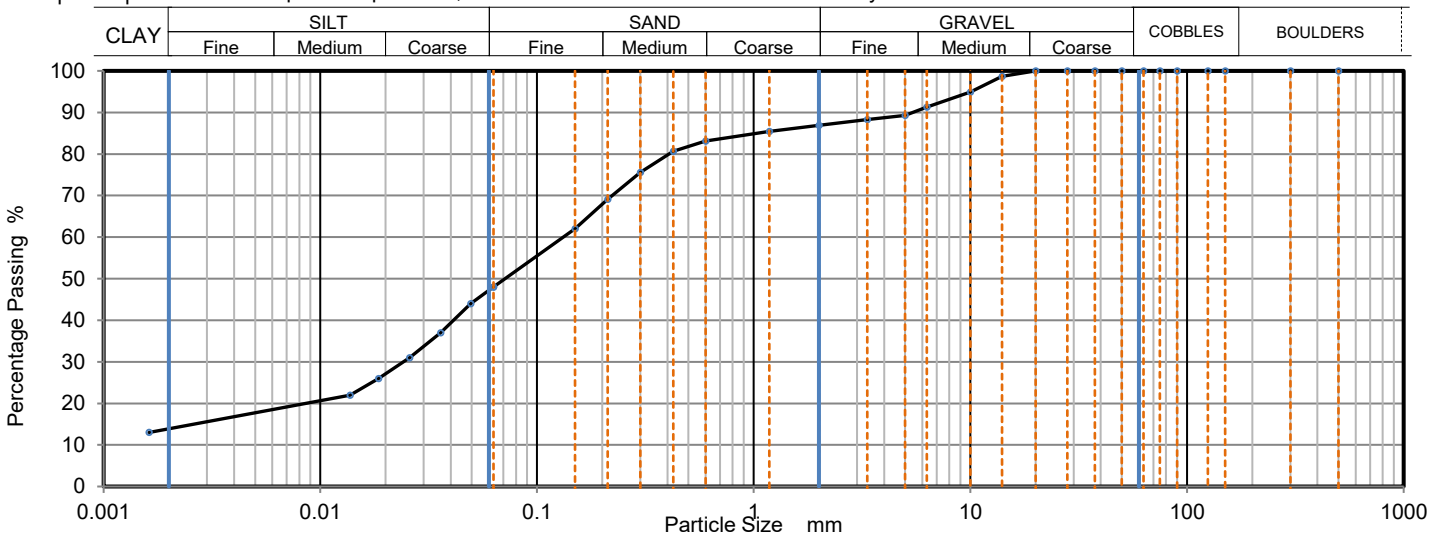
Environmental Science

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	10/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819224	Depth Top [m]:	1.50
Hole No.:	SA101	Depth Base [m]:	2.00
Sample Reference:	Not Given	Sample Type:	B
Sample Description:	Brown gravelly very sandy CLAY		
Sample Preparation:	Sample was quartered, oven dried at 106.2 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100	0.0630	48
300	100	0.0495	44
150	100	0.0359	37
125	100	0.0258	31
90	100	0.0186	26
75	100	0.0137	22
63	100	0.0016	13
50	100		
37.5	100		
28	100		
20	100		
14	99		
10	95		
6.3	91		
5	89		
3.35	88	Particle density	(assumed)
2	87	2.65	Mg/m3
1.18	85		
0.6	83		
0.425	81		
0.3	76		
0.212	69		
0.15	62		
0.063	48		

Sample Proportions	% dry mass
Very coarse	0
Gravel	13
Sand	39
Silt	34
Clay	14

Grading Analysis		
D100	mm	20
D60	mm	0.133
D30	mm	0.024
D10	mm	
Uniformity Coefficient		> 82
Curvature Coefficient		

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clauses 9.2 and 9.5

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

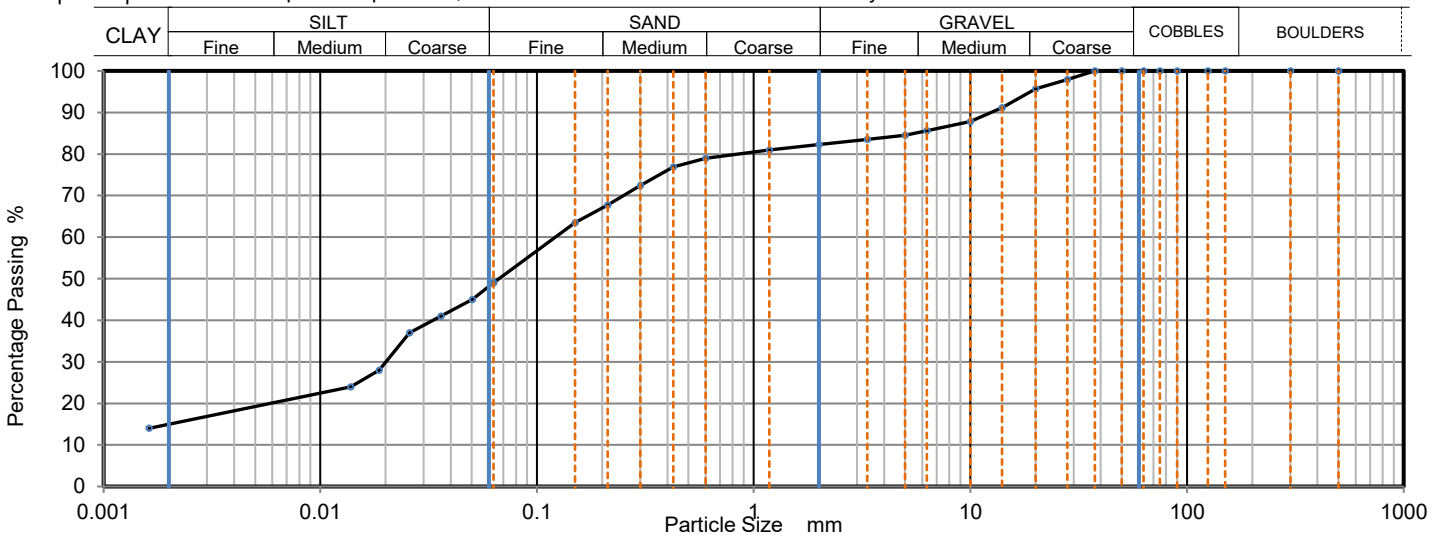
Environmental Science

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	10/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819225	Depth Top [m]:	1.00
Hole No.:	SA104	Depth Base [m]:	1.40
Sample Reference:	Not Given	Sample Type:	B
Sample Description:	Brown gravelly very sandy CLAY		
Sample Preparation:	Sample was quartered, oven dried at 106.1 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100	0.0630	49
300	100	0.0504	45
150	100	0.0361	41
125	100	0.0258	37
90	100	0.0187	28
75	100	0.0138	24
63	100	0.0016	14
50	100		
37.5	100		
28	98		
20	96		
14	91		
10	88		
6.3	86		
5	85		
3.35	84	Particle density	(assumed)
2	82	2.65	Mg/m3
1.18	81		
0.6	79		
0.425	77		
0.3	72		
0.212	68		
0.15	64		
0.063	49		

Sample Proportions	% dry mass
Very coarse	0
Gravel	18
Sand	34
Silt	33
Clay	15

Grading Analysis		
D100	mm	37.5
D60	mm	0.122
D30	mm	0.0199
D10	mm	
Uniformity Coefficient		> 75
Curvature Coefficient		

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clauses 9.2 and 9.5

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

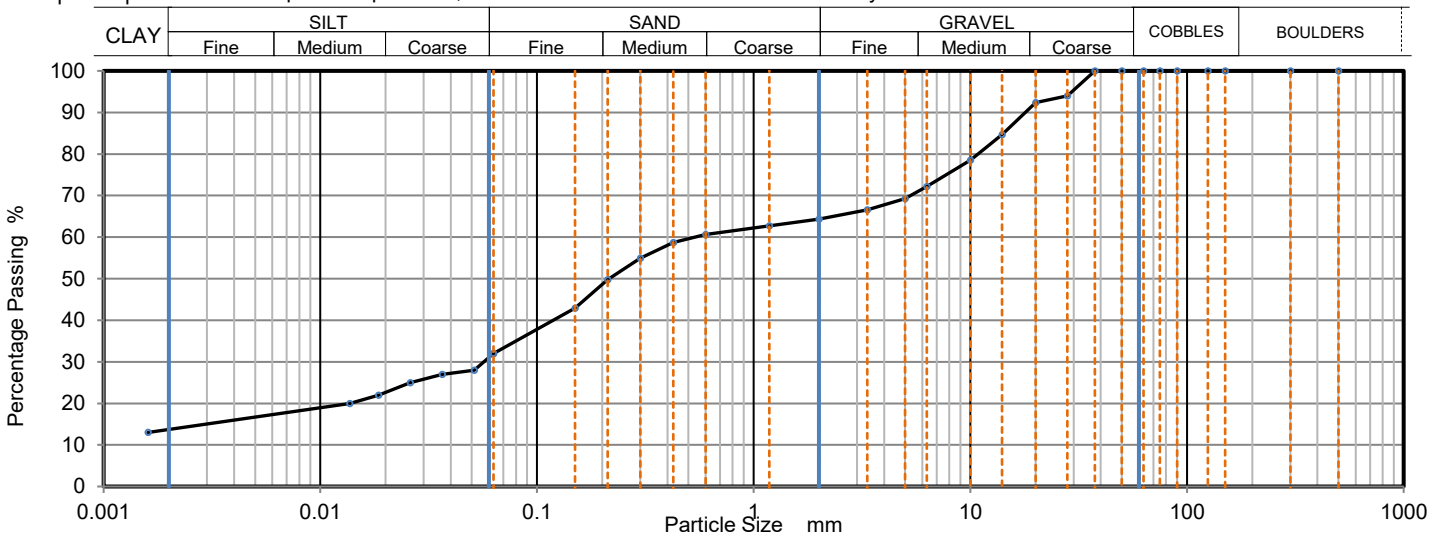
Environmental Science

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	11/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819226	Depth Top [m]:	1.00
Hole No.:	TP104	Depth Base [m]:	1.50
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Brown clayey silty very sandy GRAVEL		
Sample Preparation:	Sample was quartered, oven dried at 106.1 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100	0.0630	32
300	100	0.0513	28
150	100	0.0365	27
125	100	0.0260	25
90	100	0.0186	22
75	100	0.0136	20
63	100	0.0016	13
50	100		
37.5	100		
28	94		
20	92		
14	85		
10	79		
6.3	72		
5	69		
3.35	67	Particle density	(assumed)
2	64	2.65	Mg/m3
1.18	63		
0.6	61		
0.425	59		
0.3	55		
0.212	50		
0.15	43		
0.063	32		

Sample Proportions	% dry mass
Very coarse	0
Gravel	36
Sand	33
Silt	18
Clay	13

Grading Analysis		
D100	mm	37.5
D60	mm	0.537
D30	mm	0.0571
D10	mm	
Uniformity Coefficient		> 340
Curvature Coefficient		

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clauses 9.2 and 9.5

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

Client: Delta-Simons
Client Address: 20 Little Britain, London, EC1A 7DH

Contact: Tom Ambler
Site Address: 651-664 Ajax Avenue, Slough

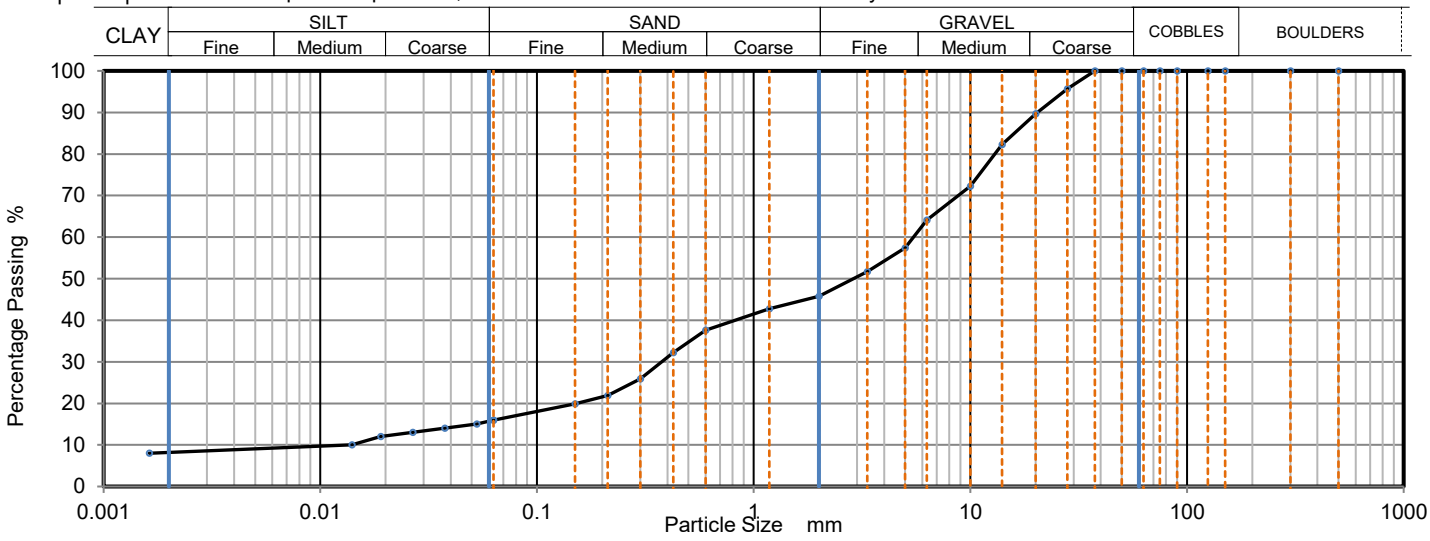
Client Reference: 21-0205.01
Job Number: 21-65484
Date Sampled: 11/03/2021
Date Received: 12/03/2021
Date Tested: 06/04/2021
Sampled By: Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference: 1819227
Hole No.: TP109
Sample Reference: Not Given
Sample Description: Brown clayey silty very sandy GRAVEL
Sample Preparation: Sample was quartered, oven dried at 106.1 °C and broken down by hand.

Depth Top [m]: 2.50
Depth Base [m]: 3.00
Sample Type: B



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100	0.0630	16
300	100	0.0527	15
150	100	0.0375	14
125	100	0.0267	13
90	100	0.0190	12
75	100	0.0140	10
63	100	0.0016	8
50	100		
37.5	100		
28	96		
20	90		
14	82		
10	72		
6.3	64		
5	57		
3.35	52	Particle density	(assumed)
2	46	2.65	Mg/m3
1.18	43		
0.6	38		
0.425	32		
0.3	26		
0.212	22		
0.15	20		
0.063	16		

Sample Proportions	% dry mass
Very coarse	0
Gravel	54
Sand	30
Silt	8
Clay	8

Grading Analysis		
D100	mm	37.5
D60	mm	5.47
D30	mm	0.377
D10	mm	0.0144
Uniformity Coefficient		380
Curvature Coefficient		1.8

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clauses 9.2 and 9.5

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

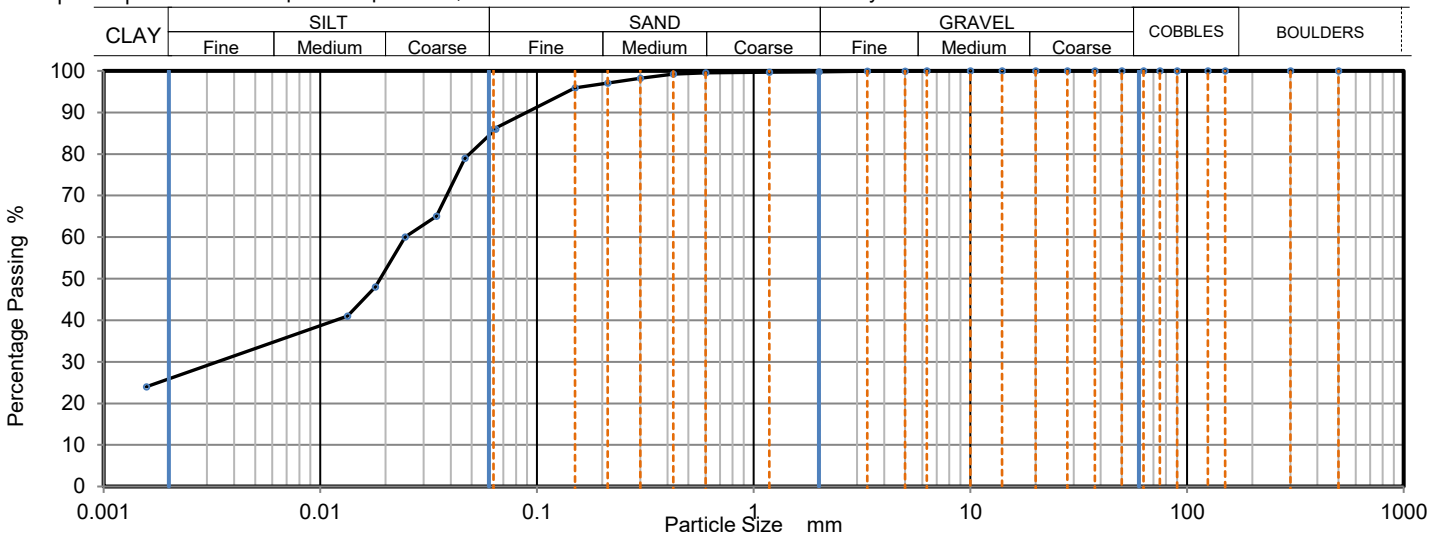
Environmental Science

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	15/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819238	Depth Top [m]:	1.20
Hole No.:	CP101	Depth Base [m]:	1.70
Sample Reference:	Not Given	Sample Type:	B
Sample Description:	Brown sandy clayey SILT		
Sample Preparation:	Sample was quartered, oven dried at 106.1 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100	0.0644	86
300	100	0.0465	79
150	100	0.0343	65
125	100	0.0246	60
90	100	0.0179	48
75	100	0.0133	41
63	100	0.0016	24
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5	100		
3.35	100	Particle density	(assumed)
2	100	2.65	Mg/m3
1.18	100		
0.6	100		
0.425	99		
0.3	98		
0.212	97		
0.15	96		
0.063	86		

Sample Proportions	% dry mass
Very coarse	0
Gravel	0
Sand	14
Silt	60
Clay	26

Grading Analysis		
D100	mm	10
D60	mm	0.0249
D30	mm	0.00342
D10	mm	
Uniformity Coefficient		> 16
Curvature Coefficient		

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clauses 9.2 and 9.5

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

Client: Delta-Simons
Client Address: 20 Little Britain, London, EC1A 7DH

Contact: Tom Ambler
Site Address: 651-664 Ajax Avenue, Slough

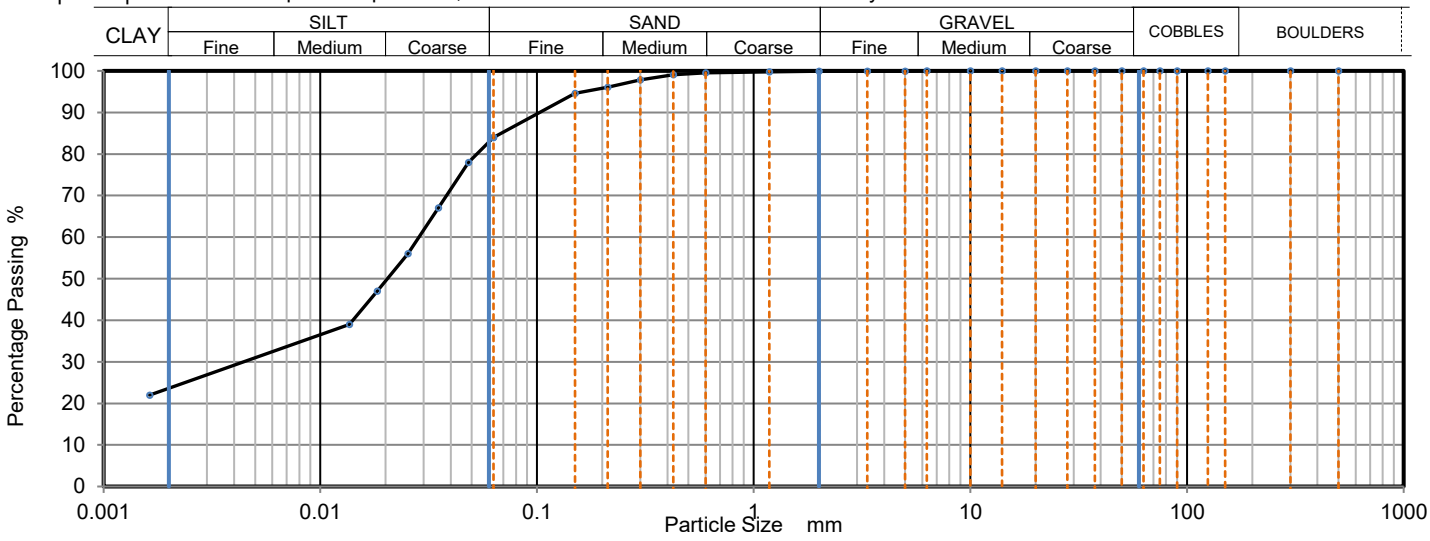
Client Reference: 21-0205.01
Job Number: 21-65484
Date Sampled: 15/03/2021
Date Received: 12/03/2021
Date Tested: 06/04/2021
Sampled By: Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference: 1819239
Hole No.: CP102
Sample Reference: Not Given
Sample Description: Brown sandy clayey SILT
Sample Preparation: Sample was quartered, oven dried at 106.1 °C and broken down by hand.

Depth Top [m]: 1.20
Depth Base [m]: 1.70
Sample Type: B



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100	0.0630	84
300	100	0.0482	78
150	100	0.0350	67
125	100	0.0254	56
90	100	0.0183	47
75	100	0.0136	39
63	100	0.0016	22
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5	100		
3.35	100	Particle density	(assumed)
2	100	2.65	Mg/m3
1.18	100		
0.6	100		
0.425	99		
0.3	98		
0.212	96		
0.15	95		
0.063	84		

Sample Proportions	% dry mass
Very coarse	0
Gravel	0
Sand	16
Silt	60
Clay	24

Grading Analysis		
D100	mm	6.3
D60	mm	0.0287
D30	mm	0.00432
D10	mm	
Uniformity Coefficient		> 18
Curvature Coefficient		

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clauses 9.2 and 9.5

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

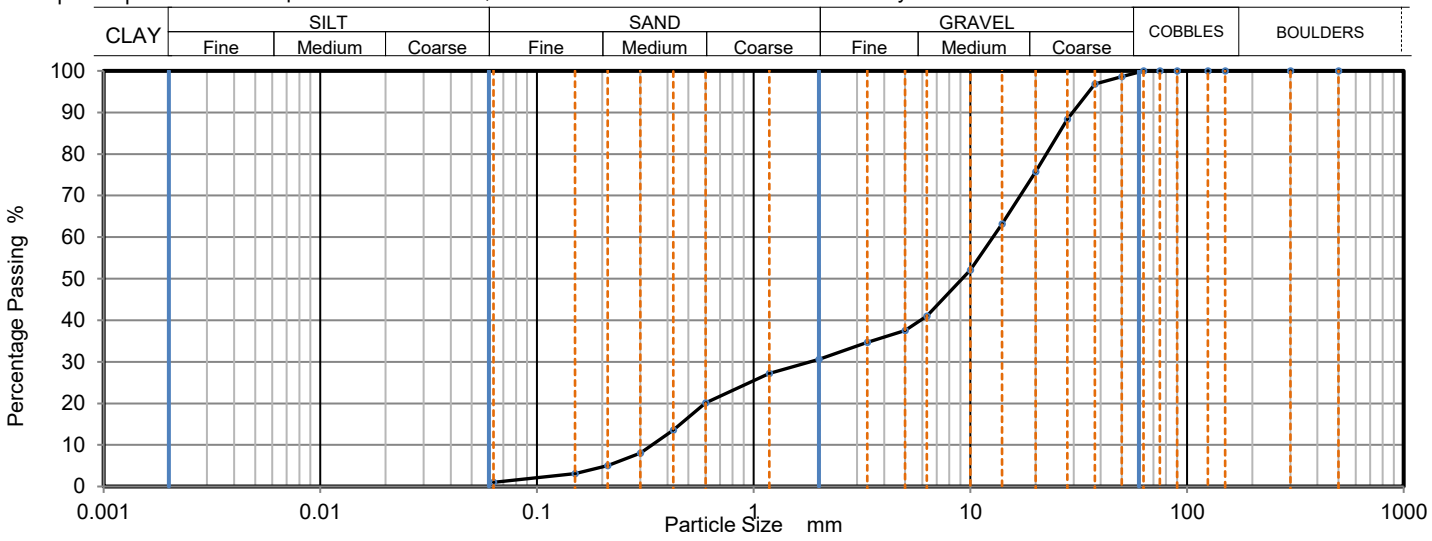
Environmental Science

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	15/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819240	Depth Top [m]:	3.50
Hole No.:	CP102	Depth Base [m]:	4.00
Sample Reference:	Not Given	Sample Type:	B
Sample Description:	Brown slightly clayey sandy GRAVEL		
Sample Preparation:	Sample was whole tested, oven dried at 106.1 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	99		
37.5	97		
28	88		
20	76		
14	63		
10	52		
6.3	41		
5	38		
3.35	35		
2	31		
1.18	27		
0.6	20		
0.425	14		
0.3	8		
0.212	5		
0.15	3		
0.063	2		

Sample Proportions	% dry mass
Very coarse	0
Gravel	69
Sand	29
Fines <0.063mm	2

Grading Analysis		
D100	mm	63
D60	mm	12.7
D30	mm	1.82
D10	mm	0.339
Uniformity Coefficient		38
Curvature Coefficient		0.77

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clause 9.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

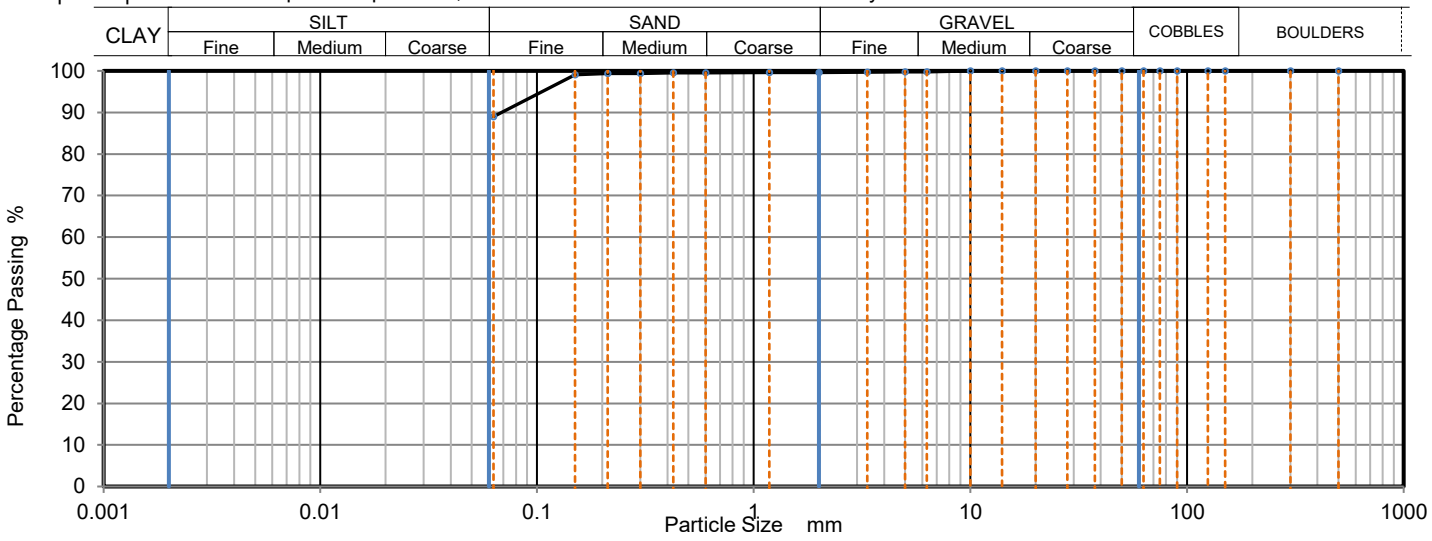
Environmental Science

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	11/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819241	Depth Top [m]:	1.20
Hole No.:	CP105	Depth Base [m]:	1.70
Sample Reference:	Not Given	Sample Type:	B
Sample Description:	Brown slightly sandy CLAY		
Sample Preparation:	Sample was quartered, oven dried at 106.1 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5	100		
3.35	100		
2	100		
1.18	100		
0.6	100		
0.425	100		
0.3	99		
0.212	99		
0.15	99		
0.063	90		

Sample Proportions	% dry mass
Very coarse	0
Gravel	0
Sand	10
Fines <0.063mm	90

Grading Analysis		
D100	mm	10
D60	mm	
D30	mm	
D10	mm	
Uniformity Coefficient		N/A
Curvature Coefficient		

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clause 9.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Client: Delta-Simons
Client Address: 20 Little Britain, London, EC1A 7DH
Contact: Tom Ambler
Site Address: 651-664 Ajax Avenue, Slough

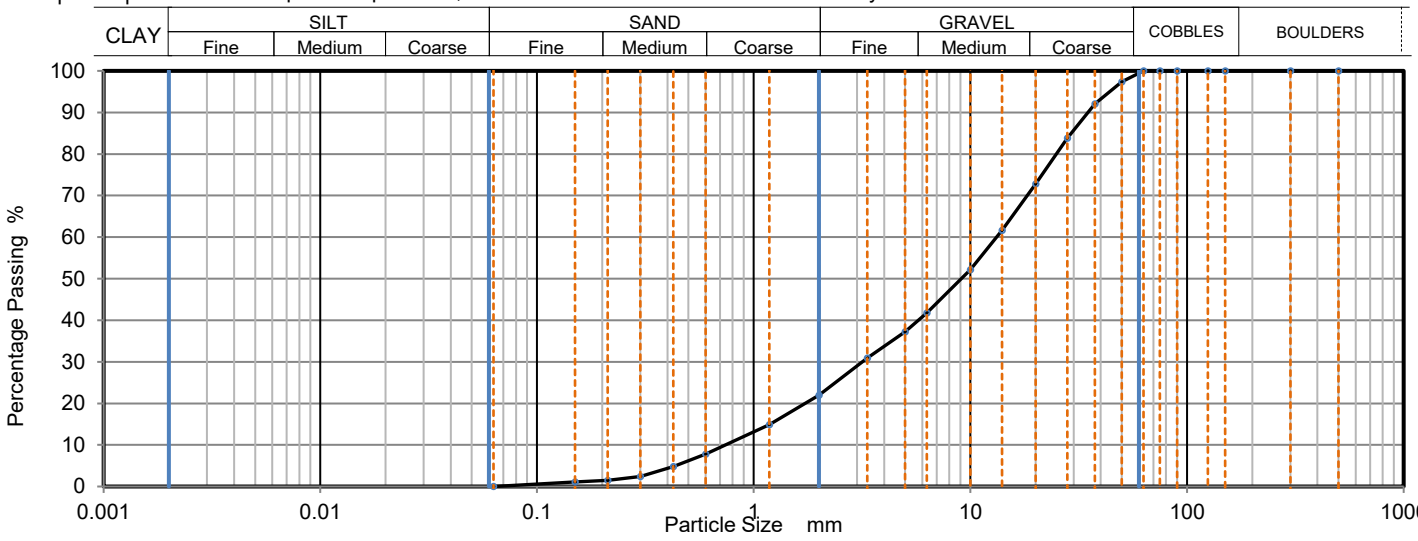
Client Reference: 21-0205.01
Job Number: 21-65484
Date Sampled: 11/03/2021
Date Received: 12/03/2021
Date Tested: 06/04/2021
Sampled By: Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference: 1819242
Hole No.: CP105
Sample Reference: Not Given
Sample Description: Multicolour sandy GRAVEL
Sample Preparation: Sample was quartered, oven dried at 106.1 °C and broken down by hand.

Depth Top [m]: 4.50
Depth Base [m]: 5.00
Sample Type: B



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	97		
37.5	92		
28	84		
20	73		
14	62		
10	52		
6.3	42		
5	37		
3.35	31		
2	22		
1.18	15		
0.6	8		
0.425	5		
0.3	2		
0.212	2		
0.15	1		
0.063	1		

Sample Proportions	% dry mass
Very coarse	0
Gravel	78
Sand	21
Fines <0.063mm	1

Grading Analysis		
D100	mm	63
D60	mm	13.2
D30	mm	3.18
D10	mm	0.741
Uniformity Coefficient		18
Curvature Coefficient		1

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clause 9.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

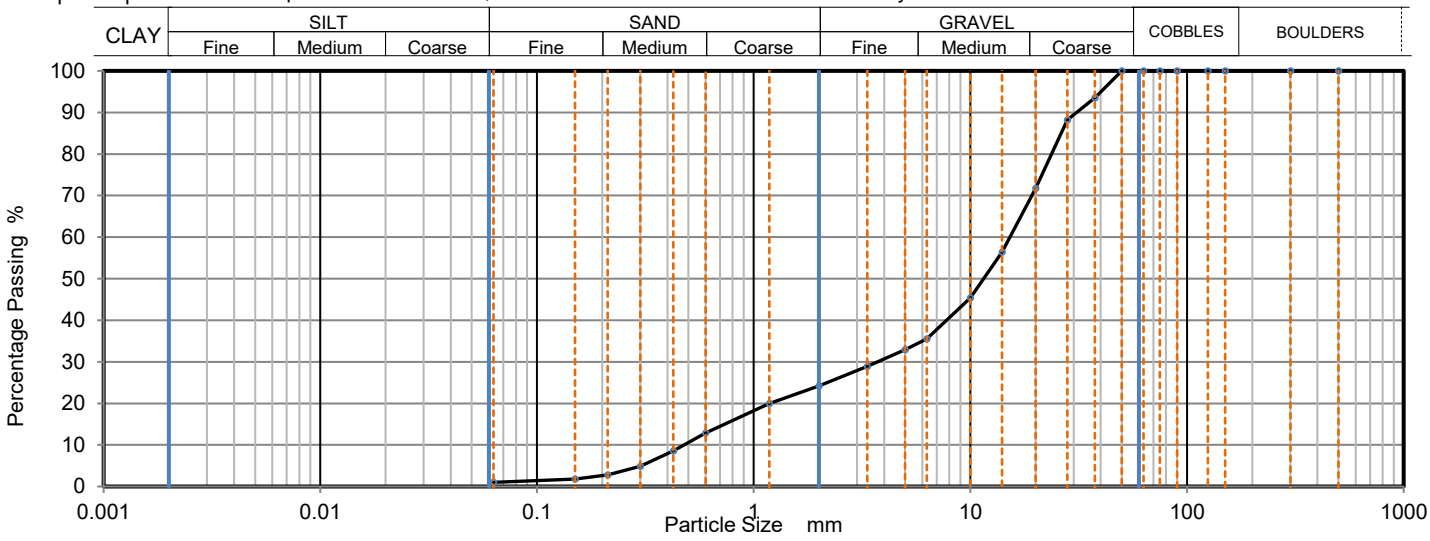
Environmental Science

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	11/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819243	Depth Top [m]:	3.50
Hole No.:	CP103	Depth Base [m]:	4.00
Sample Reference:	Not Given	Sample Type:	B
Sample Description:	Brown sandy GRAVEL		
Sample Preparation:	Sample was whole tested, oven dried at 106.1 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	94		
28	88		
20	72		
14	56		
10	45		
6.3	36		
5	33		
3.35	29		
2	24		
1.18	20		
0.6	13		
0.425	9		
0.3	5		
0.212	3		
0.15	2		
0.063	1		

Sample Proportions	% dry mass
Very coarse	0
Gravel	76
Sand	23
Fines <0.063mm	1

Grading Analysis		
D100	mm	50
D60	mm	15.2
D30	mm	3.73
D10	mm	0.474
Uniformity Coefficient		32
Curvature Coefficient		1.9

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clause 9.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

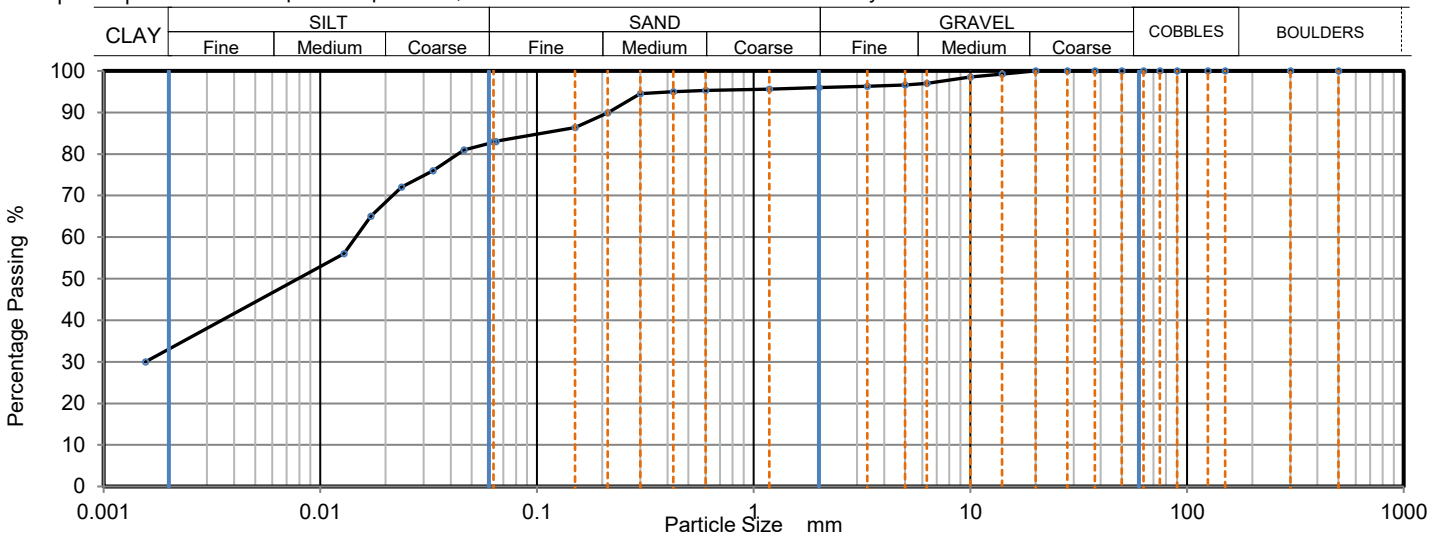
i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	12/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819244	Depth Top [m]:	8.00
Hole No.:	CP105	Depth Base [m]:	8.50
Sample Reference:	Not Given	Sample Type:	B
Sample Description:	Brown slightly gravelly sandy very clayey SILT		
Sample Preparation:	Sample was quartered, oven dried at 106.2 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100	0.0646	83
300	100	0.0460	81
150	100	0.0330	76
125	100	0.0237	72
90	100	0.0171	65
75	100	0.0128	56
63	100	0.0016	30
50	100		
37.5	100		
28	100		
20	100		
14	99		
10	99		
6.3	97		
5	97		
3.35	96	Particle density	(assumed)
2	96	2.65	Mg/m3
1.18	96		
0.6	95		
0.425	95		
0.3	95		
0.212	90		
0.15	86		
0.063	83		

Sample Proportions	% dry mass
Very coarse	0
Gravel	4
Sand	13
Silt	50
Clay	33

Grading Analysis		
D100	mm	20
D60	mm	0.0147
D30	mm	
D10	mm	
Uniformity Coefficient		> 9.4
Curvature Coefficient		

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clauses 9.2 and 9.5

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Particle Size Distribution

Tested in Accordance with: BS 1377-2: 1990

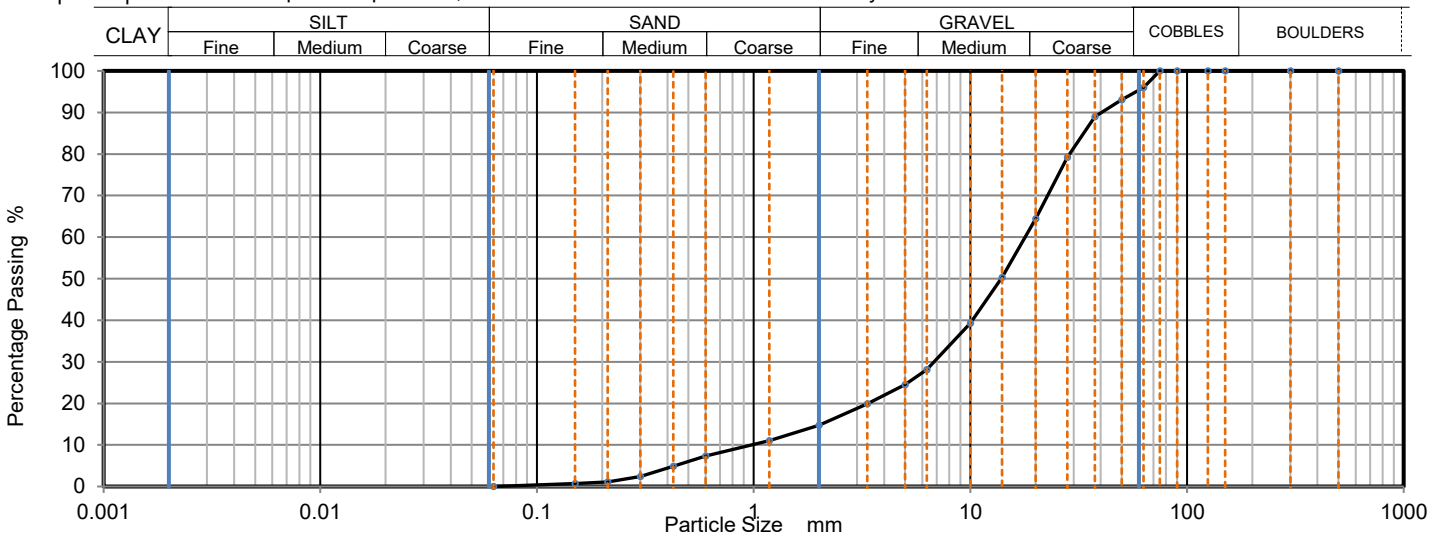
i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	09/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	06/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	1819253	Depth Top [m]:	4.50
Hole No.:	CP104	Depth Base [m]:	5.00
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Brown sandy GRAVEL		
Sample Preparation:	Sample was quartered, oven dried at 106.1 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	96		
50	93		
37.5	89		
28	79		
20	64		
14	50		
10	39		
6.3	28		
5	25		
3.35	20		
2	15		
1.18	11		
0.6	7		
0.425	5		
0.3	2		
0.212	1		
0.15	1		
0.063	1		

Sample Proportions	% dry mass
Very coarse	4
Gravel	81
Sand	14
Fines <0.063mm	0

Grading Analysis		
D100	mm	75
D60	mm	17.9
D30	mm	6.8
D10	mm	0.988
Uniformity Coefficient		18
Curvature Coefficient		2.6

Uniformity Coefficient and Coefficient of Curvature calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Note: Tested in Accordance with BS1377:Part 2:1990, clause 9.2

Remarks: Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 100.20

TEST CERTIFICATE

Unconsolidated Undrained

Triaxial Compression

Tested in Accordance with:
BS 1377-7: 1990: Clause 8

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	10/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	02/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

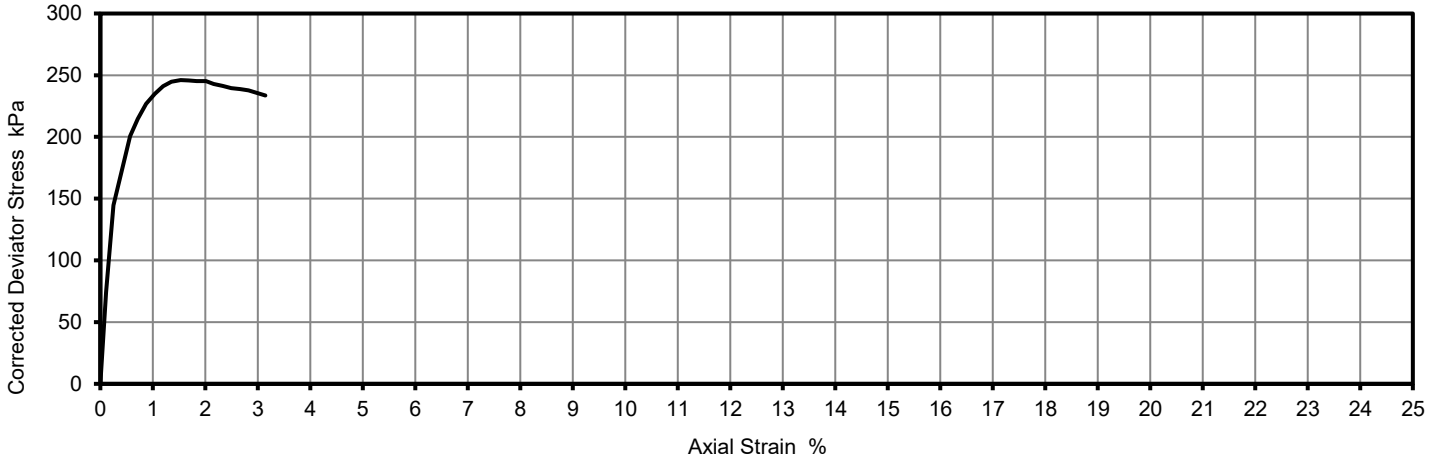
Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

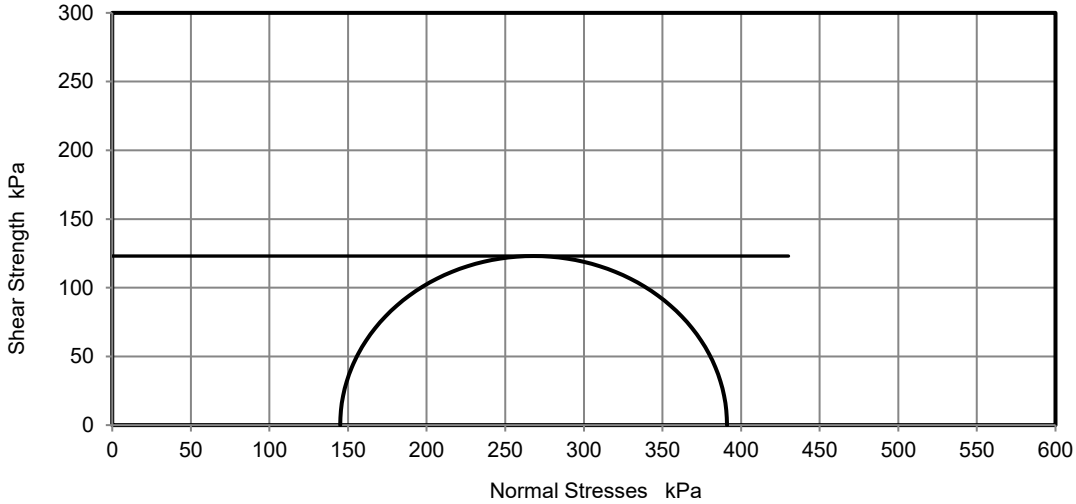
Laboratory Reference:	1819235	Depth Top [m]:	14.50
Hole No.:	CP103	Depth Base [m]:	14.95
Sample Reference:	Not Given	Sample Type:	U
Sample Description:	Multicolour CLAY		

Test Number	1		Rate of Strain	2.00	%/min
Length	191.52	mm	Cell Pressure	145	kPa
Diameter	103.91	mm	Axial Strain at failure	1.5	%
Bulk Density	2.08	Mg/m^3	Deviator Stress, $(\sigma_1 - \sigma_3)_f$	246	kPa
Moisture Content	25	%	Undrained Shear Strength, c_u	123	kPa ½(σ1 - σ3)f
Dry Density	1.67	Mg/m^3	Mode of Failure	Brittle	
Membrane Correction	0.12	kPa	Membrane thickness	0.29	mm

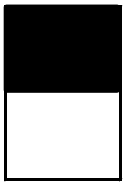
Deviator Stress v Axial Strain



Mohr Circles



Position within sample



Note: Deviator stress corrected for area change and membrane effects. Mohr circles and their interpretation is not covered by BS1377. This is provided for information only.

Remarks: Sample failed at first stage. Unable to achieve multistage. Reported as a single stage.
Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 184.11

TEST CERTIFICATE

Unconsolidated Undrained Triaxial Compression

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Tested in Accordance with: BS 1377-7: 1990: Clause 9

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	09/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	02/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

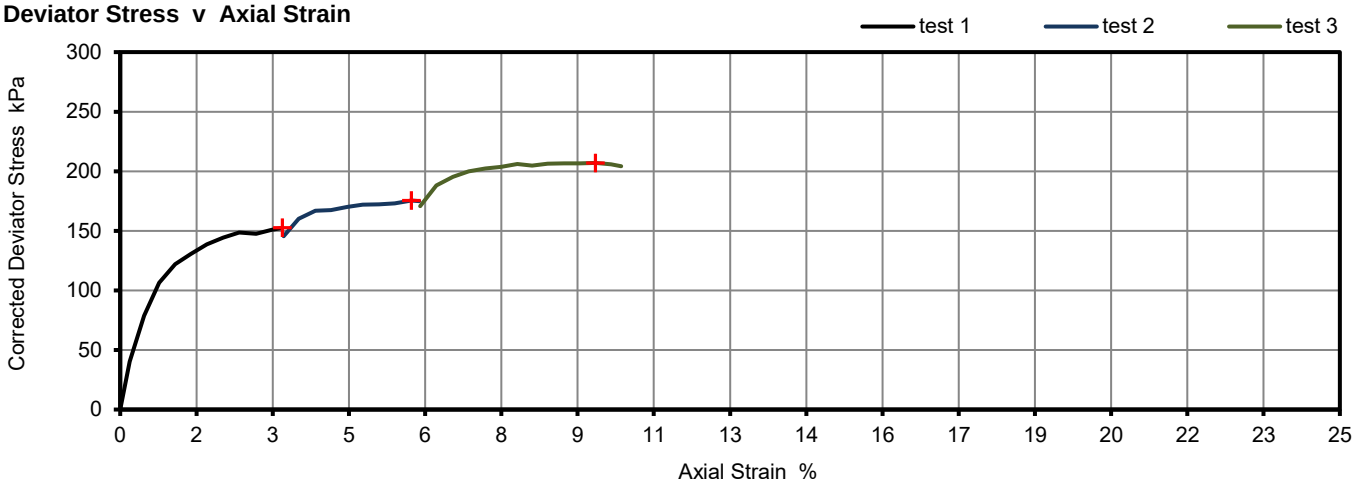
Test Results:

Laboratory Reference:	1819230	Depth Top [m]:	11.50
Hole No.:	CP101	Depth Base [m]:	11.95
Sample Reference:	Not Given	Sample Type:	U
Sample Description:	Greyish brown CLAY		

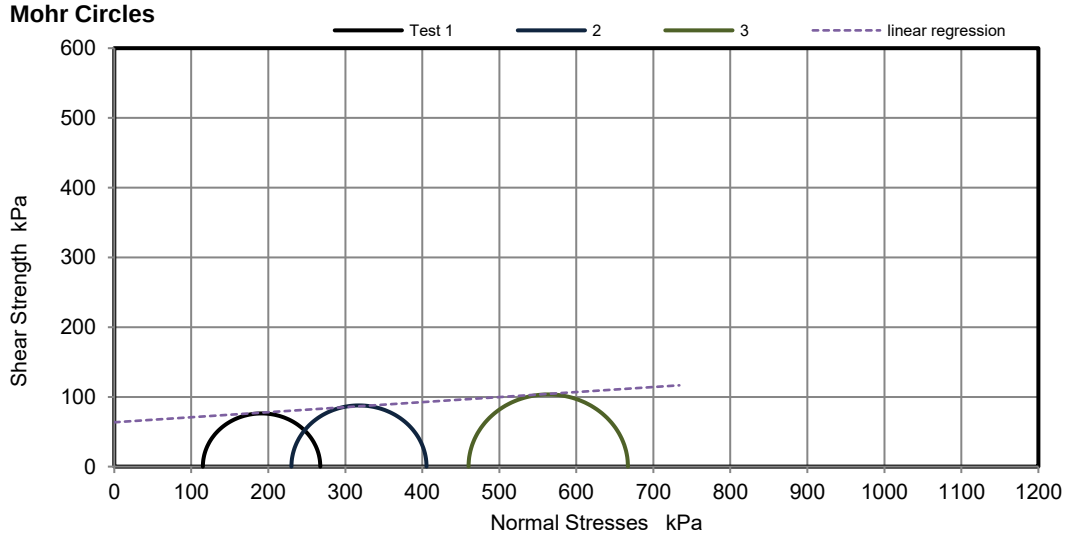
Length	202.66	mm
Diameter	102.98	mm
Bulk Density	2.04	Mg/m3
Moisture Content	28	%
Dry Density	1.59	Mg/m3
Membrane thickness	0.30	mm

Rate of Strain	1.97			%/min
Stage Number	1	2	3	
Cell Pressure	115	230	460	kPa
Axial Strain at failure	3.3	6.0	9.7	%
Deviator Stress, (σ1 - σ3)f	152	175	207	kPa
Shear strength, cu	76	88	104	kPa
Mode of failure	Brittle			
Membrane Correction	0.27	0.46	0.64	kPa

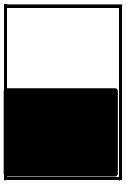
Deviator Stress v Axial Strain



Mohr Circles



Position within sample



Linear Regression

ϕu	4.1	°
cu	64	kPa

Note: Mohr circles and their interpretation is not covered by BS1377. These are provided for information only.

Remarks: Correction values: 115kPa=57N, 230kPa=119N, 460kPa=232N.
Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 186.11

TEST CERTIFICATE

Unconsolidated Undrained Triaxial Compression

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

Tested in Accordance with: BS 1377-7: 1990: Clause 9

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	09/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	02/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

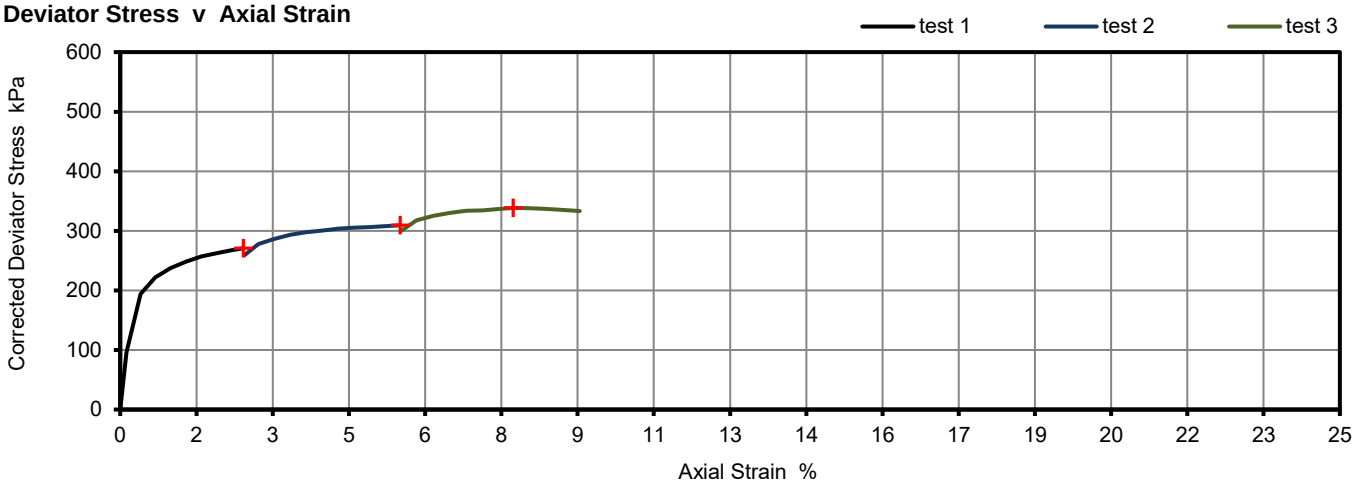
Test Results:

Laboratory Reference:	1819231	Depth Top [m]:	14.50
Hole No.:	CP101	Depth Base [m]:	14.95
Sample Reference:	Not Given	Sample Type:	U
Sample Description:	Grey and reddish brown CLAY		

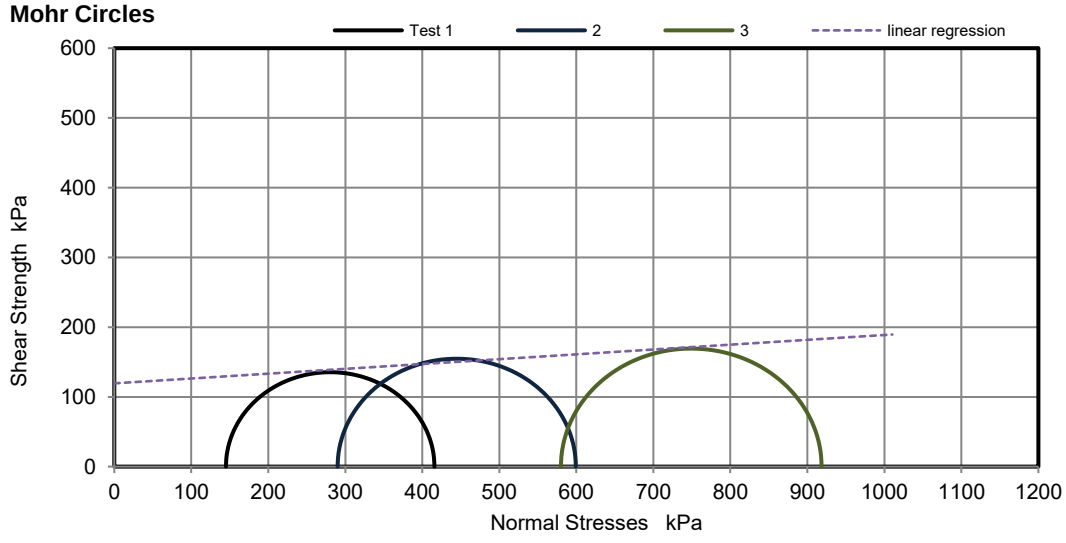
Length	202.75	mm
Diameter	103.32	mm
Bulk Density	2.09	Mg/m3
Moisture Content	24	%
Dry Density	1.68	Mg/m3
Membrane thickness	0.28	mm

Rate of Strain	1.97			%/min
Stage Number	1	2	3	
Cell Pressure	145	290	580	kPa
Axial Strain at failure	2.5	5.7	8.1	%
Deviator Stress, (σ1 - σ3)f	271	309	338	kPa
Shear strength, cu	135	155	169	kPa
Mode of failure	Compound			
Membrane Correction	0.19	0.42	0.52	kPa

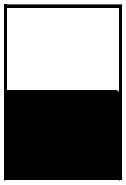
Deviator Stress v Axial Strain



Mohr Circles



Position within sample



Linear Regression

ϕu	4.0	°
cu	119	kPa

Note: Mohr circles and their interpretation is not covered by BS1377. These are provided for information only.

Remarks: Correction values: 145kPa=83N, 290kPa=146N, 580kPa=293N.
Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 186.11

TEST CERTIFICATE

Unconsolidated Undrained Triaxial Compression

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Tested in Accordance with: BS 1377-7: 1990: Clause 9

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	15/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	02/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

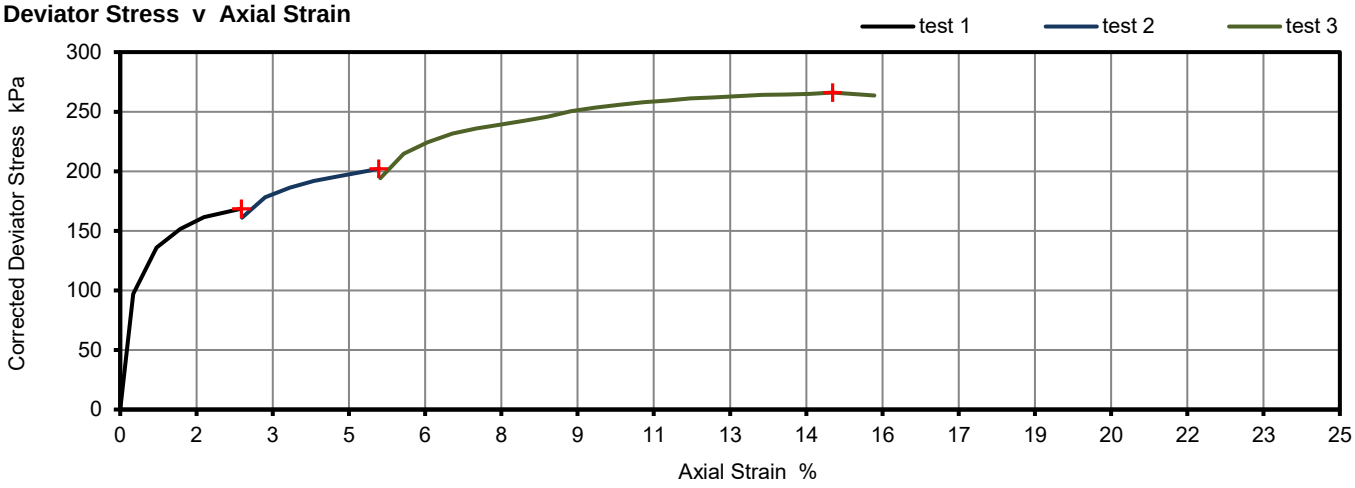
Test Results:

Laboratory Reference:	1819233	Depth Top [m]:	14.50
Hole No.:	CP102	Depth Base [m]:	14.95
Sample Reference:	Not Given	Sample Type:	U
Sample Description:	Brown to grey slightly sandy CLAY		

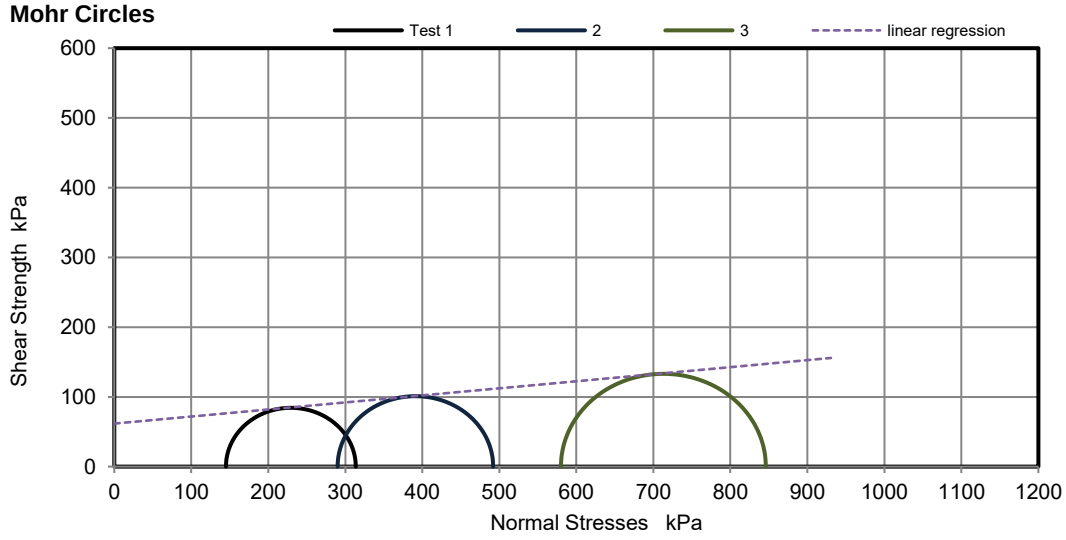
Length	201.44	mm
Diameter	103.68	mm
Bulk Density	2.00	Mg/m3
Moisture Content	28	%
Dry Density	1.56	Mg/m3
Membrane thickness	0.28	mm

Rate of Strain	1.99			%/min
Stage Number	1	2	3	
Cell Pressure	145	290	580	kPa
Axial Strain at failure	2.5	5.3	14.6	%
Deviator Stress, (σ1 - σ3)f	169	202	266	kPa
Shear strength, cu	84	101	133	kPa
Mode of failure	Compound			
Membrane Correction	0.18	0.40	0.80	kPa

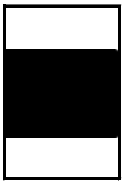
Deviator Stress v Axial Strain



Mohr Circles



Position within sample



Linear Regression

ϕu	5.8	°
cu	62	kPa

Note: Mohr circles and their interpretation is not covered by BS1377. These are provided for information only.

Remarks: Correction values: 145kPa=71N, 290kPa=143N, 580kPa=287N.
Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 186.11

TEST CERTIFICATE

Unconsolidated Undrained Triaxial Compression

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

Tested in Accordance with: BS 1377-7: 1990: Clause 9

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	10/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	02/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

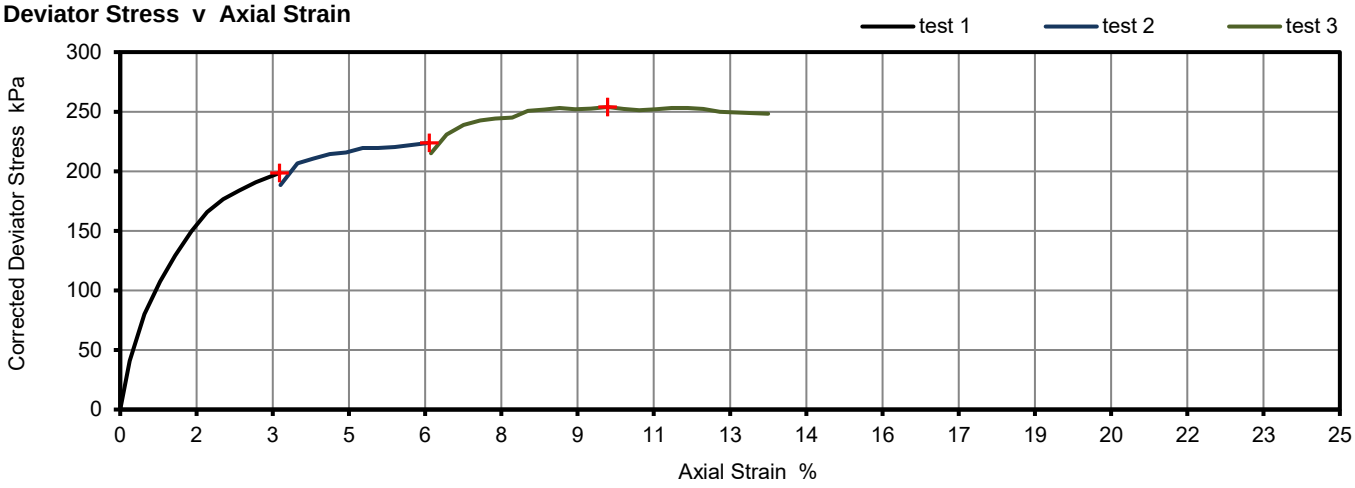
Test Results:

Laboratory Reference:	1819234	Depth Top [m]:	11.50
Hole No.:	CP103	Depth Base [m]:	11.95
Sample Reference:	Not Given	Sample Type:	U
Sample Description:	Brown CLAY		

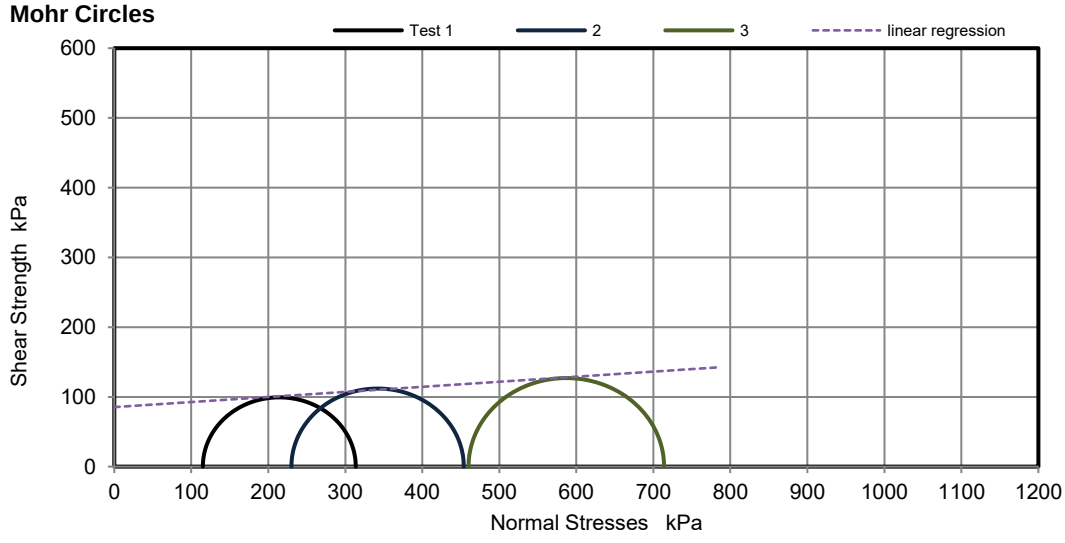
Length	199.68	mm
Diameter	103.59	mm
Bulk Density	2.04	Mg/m3
Moisture Content	26	%
Dry Density	1.62	Mg/m3
Membrane thickness	0.27	mm

Rate of Strain	2.00			%/min
Stage Number	1	2	3	
Cell Pressure	115	230	460	kPa
Axial Strain at failure	3.3	6.3	10.0	%
Deviator Stress, (σ1 - σ3)f	199	224	254	kPa
Shear strength, cu	99	112	127	kPa
Mode of failure	Brittle			
Membrane Correction	0.23	0.43	0.58	kPa

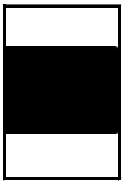
Deviator Stress v Axial Strain



Mohr Circles



Position within sample



Linear Regression

ϕu	4.2	°
cu	85	kPa

Note: Mohr circles and their interpretation is not covered by BS1377. These are provided for information only.

Remarks: Correction values: 115kPa=55N, 230kPa=117N, 460kPa=235N.
Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 186.11

TEST CERTIFICATE

Unconsolidated Undrained Triaxial Compression

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

Tested in Accordance with: BS 1377-7: 1990: Clause 9

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	11/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	02/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

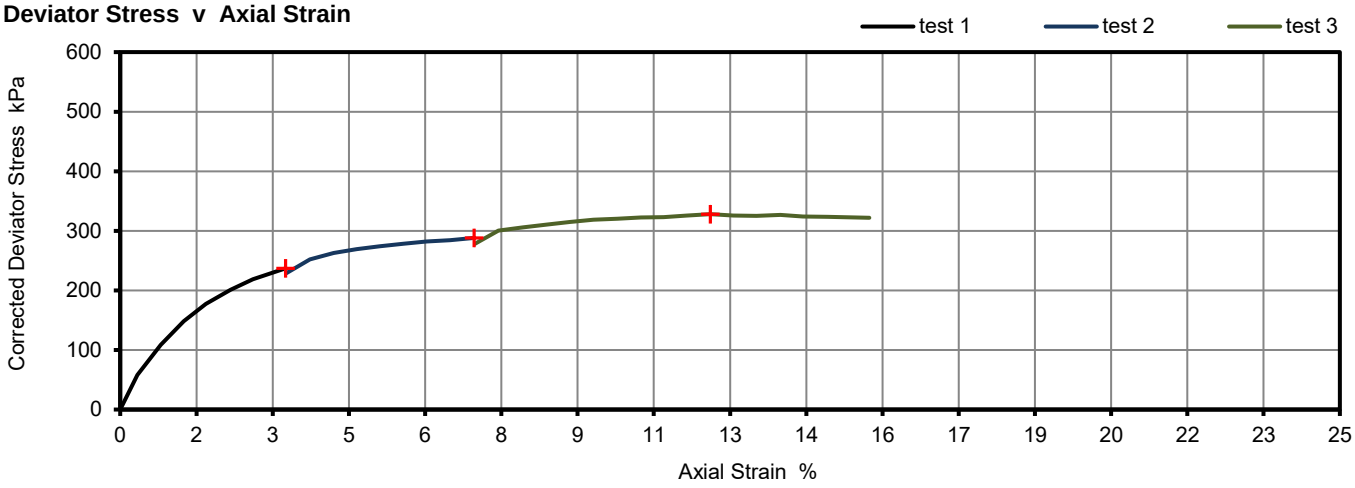
Test Results:

Laboratory Reference:	1819236	Depth Top [m]:	11.50
Hole No.:	CP104	Depth Base [m]:	11.95
Sample Reference:	Not Given	Sample Type:	U
Sample Description:	Brown silty CLAY		

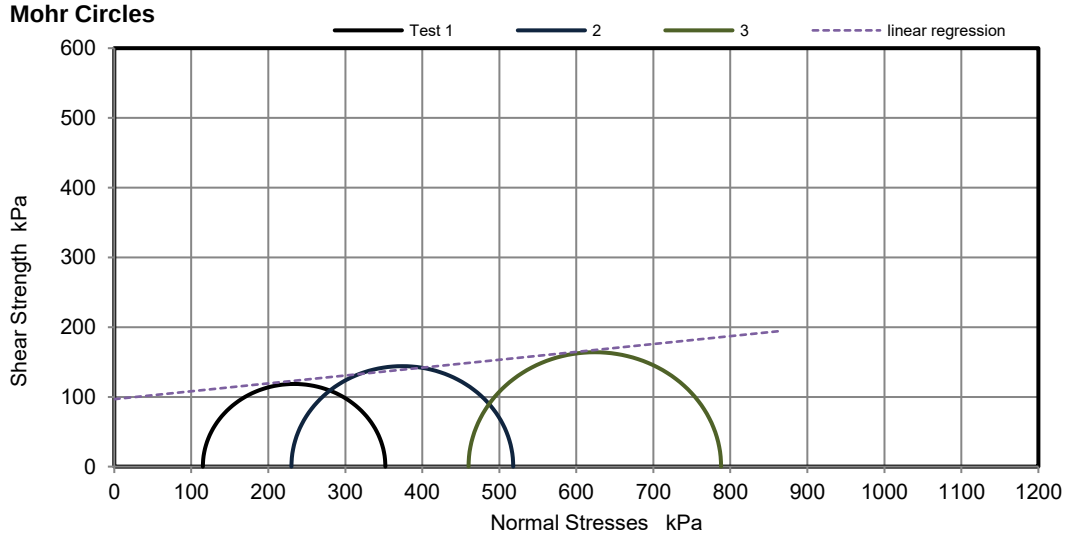
Length	205.86	mm
Diameter	103.94	mm
Bulk Density	2.07	Mg/m3
Moisture Content	22	%
Dry Density	1.70	Mg/m3
Membrane thickness	0.29	mm

Rate of Strain	1.94			%/min
Stage Number	1	2	3	
Cell Pressure	115	230	460	kPa
Axial Strain at failure	3.4	7.3	12.1	%
Deviator Stress, (σ1 - σ3)f	237	288	328	kPa
Shear strength, cu	119	144	164	kPa
Mode of failure	Compound			
Membrane Correction	0.26	0.50	0.72	kPa

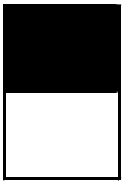
Deviator Stress v Axial Strain



Mohr Circles



Position within sample



Linear Regression

ϕu	6.4	°
cu	97	kPa

Note: Mohr circles and their interpretation is not covered by BS1377. These are provided for information only.

Remarks: Correction values: 115kPa=59N, 230kPa=117N, 460kPa=235N.
Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 186.11

TEST CERTIFICATE

Unconsolidated Undrained Triaxial Compression

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Tested in Accordance with: BS 1377-7: 1990: Clause 9

Client:	Delta-Simons	Client Reference:	21-0205.01
Client Address:	20 Little Britain, London, EC1A 7DH	Job Number:	21-65484
		Date Sampled:	11/03/2021
		Date Received:	12/03/2021
Contact:	Tom Ambler	Date Tested:	02/04/2021
Site Address:	651-664 Ajax Avenue, Slough	Sampled By:	Client

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

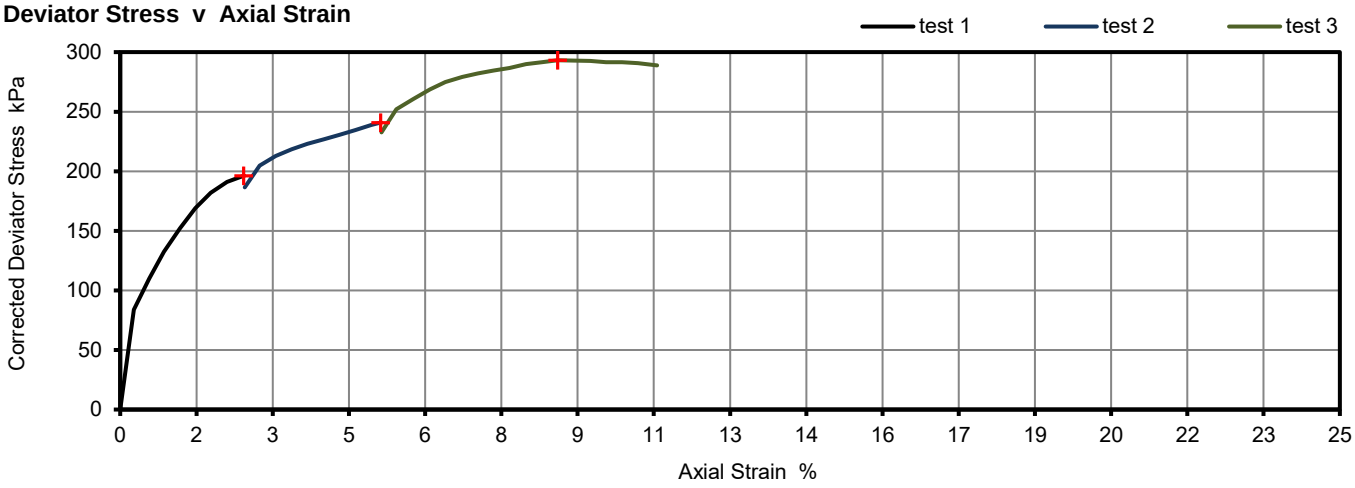
Test Results:

Laboratory Reference:	1819237	Depth Top [m]:	14.50
Hole No.:	CP104	Depth Base [m]:	14.95
Sample Reference:	Not Given	Sample Type:	U
Sample Description:	Dark grey to reddish brown CLAY		

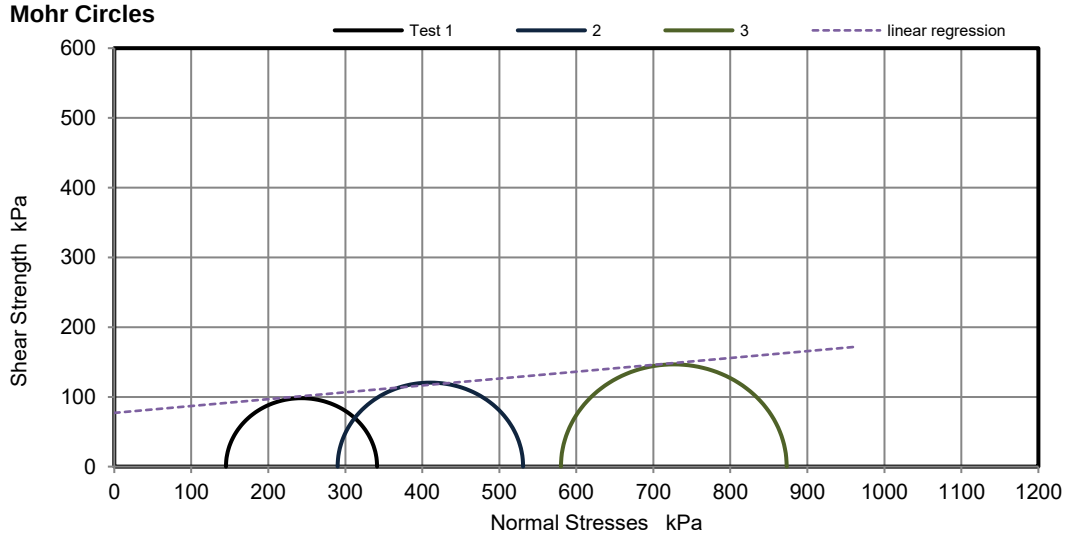
Length	197.00	mm
Diameter	103.67	mm
Bulk Density	2.08	Mg/m3
Moisture Content	28	%
Dry Density	1.62	Mg/m3
Membrane thickness	0.27	mm

Rate of Strain	2.00			%/min
Stage Number	1	2	3	
Cell Pressure	145	290	580	kPa
Axial Strain at failure	2.5	5.3	9.0	%
Deviator Stress, (σ1 - σ3)f	196	241	293	kPa
Shear strength, cu	98	120	147	kPa
Mode of failure	Brittle			
Membrane Correction	0.18	0.38	0.54	kPa

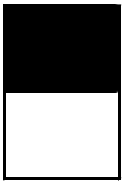
Deviator Stress v Axial Strain



Mohr Circles



Position within sample



Linear Regression

ϕu	5.6	°
cu	77	kPa

Note: Mohr circles and their interpretation is not covered by BS1377. These are provided for information only.

Remarks: Correction values: 145kPa=76N, 290kPa=149N, 580kPa=295N.
Re-issue 1: Additional results of PSD

Signed:

Monika Janoszek
PL Deputy Head of Geotechnical Section
for and on behalf of i2 Analytical Ltd

Date Reported: 16/04/2021

GF 186.11

Appendix J– Soil Chemical Analysis Results

Tom Ambler
Delta-Simons
20 Little Britain
London
EC1A 7DH

t: 02034781168

e: tom.ambler@deltasimons.com

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 21-63069

Replaces Analytical Report Number: 21-63069, issue no. 1
Additional analysis undertaken.

Project / Site name:	Ajax Avenue, Slough	**Samples received on:**	16/03/2021
Your job number:	21-0205.01	**Samples instructed on/ Analysis started on:**	17/03/2021
Your order number:	DS59833	**Analysis completed by:**	01/04/2021
Report Issue Number:	2	**Report issued on:**	01/04/2021
Samples Analysed:	2 bulk samples - 57 soil samples		

Signed:

Joanna Wawrzeczko
Technical Reviewer (Reporting Team)
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils - 4 weeks from reporting
leachates - 2 weeks from reporting
waters - 2 weeks from reporting
asbestos - 6 months from reporting

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Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805551	1805552	1805553	1805554	1805555
Sample Reference				DS101	DS101	DS102	DS102	DS104
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	1.20	0.25	0.85	0.15
Date Sampled				10/03/2021	10/03/2021	08/03/2021	08/03/2021	08/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	10	15	8.5	15	15
Total mass of sample received	kg	0.001	NONE	1.2	1.2	1.2	1.2	1.0
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	10.3	8.5	11.4	8.1	8.2
Total Sulphate as SO4	%	0.005	MCERTS	0.429	0.063	0.325	0.034	0.067
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	-	210	40	30
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	1.1	0.11	0.10	0.020	0.015
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	1060	107	105	19.9	15.2
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	16	2.5	39	7.9	2.9
Total Sulphur	%	0.005	MCERTS	0.151	0.026	0.122	0.009	0.023
Ammoniacal Nitrogen as NH4	mg/kg	0.5	MCERTS	< 0.5	< 0.5	0.8	< 0.5	< 0.5
Ammonium as NH4 (10:1 leachate equivalent)	mg/l	0.05	MCERTS	< 0.05	< 0.05	0.08	< 0.05	< 0.05
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	10	8.2	< 2.0	< 2.0	< 2.0
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	-	-	1.3	< 0.05	0.36
Anthracene	mg/kg	0.05	MCERTS	-	-	0.27	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	-	-	2.6	< 0.05	0.90
Pyrene	mg/kg	0.05	MCERTS	-	-	2.2	< 0.05	0.97
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	-	1.1	< 0.05	0.58
Chrysene	mg/kg	0.05	MCERTS	-	-	0.82	< 0.05	0.61
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	-	1.0	< 0.05	0.94
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	-	0.57	< 0.05	0.35
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	-	0.79	< 0.05	0.66
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	-	0.42	< 0.05	0.48
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	0.54	< 0.05	0.61
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	-	-	11.6	< 0.80	6.46

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805551	1805552	1805553	1805554	1805555
Sample Reference				DS101	DS101	DS102	DS102	DS104
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	1.20	0.25	0.85	0.15
Date Sampled				10/03/2021	10/03/2021	08/03/2021	08/03/2021	08/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	-	11	11	13
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	-	-	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	-	22	27	22
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	-	29	23	37
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	-	35	13	79
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	-	16	32	18
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	-	72	54	160
Magnesium (water soluble)	mg/kg	5	NONE	< 5.0	6.0	< 5.0	5.7	< 5.0
Magnesium (leachate equivalent)	mg/l	2.5	NONE	< 2.5	3.0	< 2.5	2.9	< 2.5
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	MCERTS	-	-	0.014	< 0.001	< 0.001
Toluene	mg/kg	0.001	MCERTS	-	-	0.020	< 0.001	< 0.001
Ethylbenzene	mg/kg	0.001	MCERTS	-	-	< 0.001	< 0.001	< 0.001
p & m-xylene	mg/kg	0.001	MCERTS	-	-	< 0.001	< 0.001	< 0.001
o-xylene	mg/kg	0.001	MCERTS	-	-	< 0.001	< 0.001	< 0.001
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	-	-	< 0.001	< 0.001	< 0.001
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	-	-	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	-	-	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	-	-	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	-	-	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	-	-	75	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40	mg/kg	10	NONE	-	-	110	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	78	< 10	< 10
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	-	-	0.014	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	-	-	0.020	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	-	-	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	-	-	12	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	-	-	130	< 10	< 10
TPH-CWG - Aromatic >EC35 - EC40	mg/kg	10	NONE	-	-	140	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	140	< 10	< 10
TPH (C35 - C40)	mg/kg	10	MCERTS	-	-	250	< 10	< 10

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Lab Sample Number				1805551	1805552	1805553	1805554	1805555
Sample Reference				DS101	DS101	DS102	DS102	DS104
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	1.20	0.25	0.85	0.15
Date Sampled				10/03/2021	10/03/2021	08/03/2021	08/03/2021	08/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Chloroethane	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Bromomethane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Vinyl Chloride	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Trichlorofluoromethane	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1-Dichloroethene	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
2,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Trichloromethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1-Dichloropropene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Benzene	mg/kg	0.001	MCERTS	< 0.0010	-	0.014	< 0.0010	< 0.0010
Tetrachloromethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Trichloroethene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Dibromomethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Bromodichloromethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Toluene	mg/kg	0.001	MCERTS	0.012	-	0.020	< 0.0010	< 0.0010
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Dibromochloromethane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Tetrachloroethene	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Chlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
p & m-Xylene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Styrene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Tribromomethane	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
o-Xylene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Isopropylbenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Bromobenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
n-Propylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
2-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
4-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
tert-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
sec-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010

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Lab Sample Number				1805551	1805552	1805553	1805554	1805555
Sample Reference				DS101	DS101	DS102	DS102	DS104
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	1.20	0.25	0.85	0.15
Date Sampled				10/03/2021	10/03/2021	08/03/2021	08/03/2021	08/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Hexachlorobutadiene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010

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Your Order No: DS59833

Lab Sample Number				1805551	1805552	1805553	1805554	1805555
Sample Reference				DS101	DS101	DS102	DS102	DS104
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	1.20	0.25	0.85	0.15
Date Sampled				10/03/2021	10/03/2021	08/03/2021	08/03/2021	08/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	-	< 0.2	-	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	< 0.3
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	-	< 0.2	-	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	< 0.2
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	-	< 0.3	-	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	< 0.2
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.40	-	1.3	-	0.36
Anthracene	mg/kg	0.05	MCERTS	< 0.05	-	0.27	-	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	< 0.3
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	< 0.2
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.75	-	2.6	-	0.90
Pyrene	mg/kg	0.05	MCERTS	0.67	-	2.2	-	0.97
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	-	< 0.3	-	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.31	-	1.1	-	0.58
Chrysene	mg/kg	0.05	MCERTS	0.30	-	0.82	-	0.61
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	0.30	-	1.0	-	0.94
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.23	-	0.57	-	0.35
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.28	-	0.79	-	0.66

Analytical Report Number: 21-63069
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Your Order No: DS59833

Lab Sample Number				1805551	1805552	1805553	1805554	1805555
Sample Reference				DS101	DS101	DS102	DS102	DS104
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	1.20	0.25	0.85	0.15
Date Sampled				10/03/2021	10/03/2021	08/03/2021	08/03/2021	08/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	0.42	-	0.48
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	-	0.54	-	0.61

PCBs

PCB Congener 077	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 081	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 105	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 114	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 118	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 123	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 126	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 156	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 157	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 167	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 169	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 189	mg/kg	0.001	NONE	-	-	-	-	-

Total PCBs – WHO12

Total PCBs	mg/kg	0.012	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805556	1805557	1805558	1805559	1805560
Sample Reference				DS104	DS104	HP103	CP103	CP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.45	1.00	0.25	7.50	12.00
Date Sampled				08/03/2021	08/03/2021	08/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	16	11	21	17
Total mass of sample received	kg	0.001	NONE	1.0	1.0	1.0	1.2	1.2
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	8.1	8.5	8.8	8.7	8.4
Total Sulphate as SO4	%	0.005	MCERTS	0.030	0.038	0.105	0.015	0.018
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	50	26	190	29	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.025	0.013	0.095	0.015	0.020
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	25.0	13.2	95.1	14.5	19.5
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	2.5	2.6	3.4	6.2	5.4
Total Sulphur	%	0.005	MCERTS	0.015	0.015	0.053	< 0.005	0.007
Ammoniacal Nitrogen as NH4	mg/kg	0.5	MCERTS	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ammonium as NH4 (10:1 leachate equivalent)	mg/l	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.38	< 0.05	-
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.80	< 0.05	-
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.75	< 0.05	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.43	< 0.05	-
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.43	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.53	< 0.05	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.21	< 0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.44	< 0.05	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.25	< 0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.32	< 0.05	-
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	4.54	< 0.80	-

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Your Order No: DS59833

Lab Sample Number				1805556	1805557	1805558	1805559	1805560
Sample Reference				DS104	DS104	HP103	CP103	CP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.45	1.00	0.25	7.50	12.00
Date Sampled				08/03/2021	08/03/2021	08/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	12	9.7	13	8.2	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	29	23	28	29	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	24	21	52	28	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	23	20	630	54	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	22	23	30	35	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	71	49	98	67	-
Magnesium (water soluble)	mg/kg	5	NONE	< 5.0	5.7	5.4	5.4	6.3
Magnesium (leachate equivalent)	mg/l	2.5	NONE	< 2.5	2.9	2.7	2.7	3.2
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	0.004	< 0.001	-
Toluene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	0.007	< 0.001	-
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
p & m-xylene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
o-xylene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	-
TPH-CWG - Aliphatic >EC35 - EC40	mg/kg	10	NONE	< 10	< 10	< 10	< 10	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	0.004	< 0.001	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	0.007	< 0.001	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	-
TPH-CWG - Aromatic >EC35 - EC40	mg/kg	10	NONE	< 10	< 10	< 10	< 10	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	-
TPH (C35 - C40)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	-

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Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805556	1805557	1805558	1805559	1805560
Sample Reference				DS104	DS104	HP103	CP103	CP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.45	1.00	0.25	7.50	12.00
Date Sampled				08/03/2021	08/03/2021	08/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Chloroethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Bromomethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Vinyl Chloride	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Trichlorofluoromethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1-Dichloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
2,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Trichloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1-Dichloropropene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Benzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	0.0035	-	< 0.0010
Tetrachloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Trichloroethene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Dibromomethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Bromodichloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Toluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	0.0073	-	< 0.0010
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Dibromochloromethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Tetrachloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Chlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
p & m-Xylene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Styrene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Tribromomethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
o-Xylene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Isopropylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Bromobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
n-Propylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
2-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
4-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
tert-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
sec-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010

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Lab Sample Number				1805556	1805557	1805558	1805559	1805560
Sample Reference				DS104	DS104	HP103	CP103	CP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.45	1.00	0.25	7.50	12.00
Date Sampled				08/03/2021	08/03/2021	08/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Hexachlorobutadiene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010

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Project / Site name: Ajax Avenue, Slough
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Lab Sample Number				1805556	1805557	1805558	1805559	1805560
Sample Reference				DS104	DS104	HP103	CP103	CP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.45	1.00	0.25	7.50	12.00
Date Sampled				08/03/2021	08/03/2021	08/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	-
Phenol	mg/kg	0.2	ISO 17025	< 0.2	-	< 0.2	-	-
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	-	< 0.2	-	-
Isophorone	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	-	< 0.3	-	-
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	-	0.38	-	-
Anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Carbazole	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	0.80	-	-
Pyrene	mg/kg	0.05	MCERTS	< 0.05	-	0.75	-	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	-	< 0.3	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	0.43	-	-
Chrysene	mg/kg	0.05	MCERTS	< 0.05	-	0.43	-	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	0.53	-	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	0.21	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	0.44	-	-

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Lab Sample Number				1805556	1805557	1805558	1805559	1805560
Sample Reference				DS104	DS104	HP103	CP103	CP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.45	1.00	0.25	7.50	12.00
Date Sampled				08/03/2021	08/03/2021	08/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	0.25	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	-	0.32	-	-

PCBs

PCB Congener 077	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 081	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 105	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 114	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 118	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 123	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 126	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 156	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 157	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 167	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 169	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 189	mg/kg	0.001	NONE	-	-	-	-	-

Total PCBs – WHO12

Total PCBs	mg/kg	0.012	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

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Lab Sample Number				1805561	1805562	1805563	1805564	1805565
Sample Reference				DS116	DS111	DS109	DS109	DS110
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.30	0.80	2.50	0.40
Date Sampled				09/03/2021	10/03/2021	10/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	13	13	17	7.4	22
Total mass of sample received	kg	0.001	NONE	1.2	1.2	1.0	1.2	1.2
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	Chrysotile	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	< 0.001	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	< 0.001	-	-	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	9.2	11.1	8.2	8.5	9.2
Total Sulphate as SO4	%	0.005	MCERTS	-	-	-	0.033	-
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	350	200	30	29	340
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.18	0.10	0.015	0.015	0.17
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	177	102	15.2	14.5	172
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	-	-	-	4.6	-
Total Sulphur	%	0.005	MCERTS	-	-	-	0.012	-
Ammoniacal Nitrogen as NH4	mg/kg	0.5	MCERTS	-	-	-	< 0.5	-
Ammonium as NH4 (10:1 leachate equivalent)	mg/l	0.05	MCERTS	-	-	-	< 0.05	-
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	-	-	-	< 2.0	-
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80

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Lab Sample Number				1805561	1805562	1805563	1805564	1805565
Sample Reference				DS116	DS111	DS109	DS109	DS110
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.30	0.80	2.50	0.40
Date Sampled				09/03/2021	10/03/2021	10/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	10	13	13	18	14
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	22	20	33	30	31
Copper (aqua regia extractable)	mg/kg	1	MCERTS	43	44	25	22	26
Lead (aqua regia extractable)	mg/kg	1	MCERTS	49	31	16	13	56
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.4	0.4	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	19	29	32	30	25
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	74	56	64	53	83
Magnesium (water soluble)	mg/kg	5	NONE	-	-	-	< 5.0	-
Magnesium (leachate equivalent)	mg/l	2.5	NONE	-	-	-	< 2.5	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	MCERTS	< 0.001	0.012	< 0.001	< 0.001	0.004
Toluene	mg/kg	0.001	MCERTS	< 0.001	0.018	< 0.001	< 0.001	0.010
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
p & m-xylene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-xylene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	39
TPH-CWG - Aliphatic >EC35 - EC40	mg/kg	10	NONE	< 10	< 10	< 10	< 10	62
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	39
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	0.013	< 0.001	< 0.001	0.004
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	0.018	< 0.001	< 0.001	0.010
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC35 - EC40	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH (C35 - C40)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	62

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Lab Sample Number				1805561	1805562	1805563	1805564	1805565
Sample Reference				DS116	DS111	DS109	DS109	DS110
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.30	0.80	2.50	0.40
Date Sampled				09/03/2021	10/03/2021	10/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chloroethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Bromomethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Vinyl Chloride	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Trichlorofluoromethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,1-Dichloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,1-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
2,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Trichloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,2-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,1-Dichloropropene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Benzene	mg/kg	0.001	MCERTS	< 0.0010	0.013	< 0.0010	< 0.0010	0.0040
Tetrachloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Trichloroethene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Dibromomethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Bromodichloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Toluene	mg/kg	0.001	MCERTS	< 0.0010	0.018	< 0.0010	< 0.0010	0.0099
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Dibromochloromethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Tetrachloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
p & m-Xylene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Styrene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Tribromomethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
o-Xylene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Isopropylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Bromobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
n-Propylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
2-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
4-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
tert-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
sec-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010

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Lab Sample Number				1805561	1805562	1805563	1805564	1805565
Sample Reference				DS116	DS111	DS109	DS109	DS110
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.30	0.80	2.50	0.40
Date Sampled				09/03/2021	10/03/2021	10/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Hexachlorobutadiene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010

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Lab Sample Number				1805561	1805562	1805563	1805564	1805565
Sample Reference				DS116	DS111	DS109	DS109	DS110
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.30	0.80	2.50	0.40
Date Sampled				09/03/2021	10/03/2021	10/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805561	1805562	1805563	1805564	1805565
Sample Reference				DS116	DS111	DS109	DS109	DS110
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.30	0.80	2.50	0.40
Date Sampled				09/03/2021	10/03/2021	10/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
PCBs								
PCB Congener 077	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 081	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 105	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 114	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 118	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 123	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 126	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 156	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 157	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 167	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 169	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 189	mg/kg	0.001	NONE	-	-	-	-	-
Total PCBs – WHO12								
Total PCBs	mg/kg	0.012	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805566	1805567	1805568	1805569	1805570
Sample Reference				DS108B	CP104	CP104	CP104	DS114
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.30	0.70	3.20	0.55
Date Sampled				10/03/2021	10/03/2021	10/03/2021	11/03/2021	09/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	-
Moisture Content	%	0.01	NONE	14	15	16	3.3	-
Total mass of sample received	kg	0.001	NONE	1.2	1.2	1.2	1.2	-
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	-	8.2	8.5	10.6	-
Total Sulphate as SO4	%	0.005	MCERTS	-	-	-	0.021	-
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	87	58	35	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	-	0.043	0.029	0.018	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	-	43.4	29.2	17.5	-
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	-	-	-	6.1	-
Total Sulphur	%	0.005	MCERTS	-	-	-	0.008	-
Ammoniacal Nitrogen as NH4	mg/kg	0.5	MCERTS	-	-	-	< 0.5	-
Ammonium as NH4 (10:1 leachate equivalent)	mg/l	0.05	MCERTS	-	-	-	< 0.05	-
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	-	-	-	< 2.0	-

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Fluorene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Phenanthrene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Anthracene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Pyrene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Chrysene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	-	< 0.80	< 0.80	< 0.80	-

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805566	1805567	1805568	1805569	1805570
Sample Reference				DS108B	CP104	CP104	CP104	DS114
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.30	0.70	3.20	0.55
Date Sampled				10/03/2021	10/03/2021	10/03/2021	11/03/2021	09/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	10	11	6.5	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	< 0.2	0.3	< 0.2	-
Chromium (hexavalent)	mg/kg	1.2	MCERTS	-	< 1.2	< 1.2	< 1.2	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	24	26	14	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	23	21	17	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	37	12	4.4	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	< 0.3	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	18	26	13	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	73	52	19	-
Magnesium (water soluble)	mg/kg	5	NONE	-	-	-	< 5.0	-
Magnesium (leachate equivalent)	mg/l	2.5	NONE	-	-	-	< 2.5	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
Toluene	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
Ethylbenzene	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
p & m-xylene	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
o-xylene	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	-	< 1.0	< 1.0	< 1.0	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	-	< 2.0	< 2.0	< 2.0	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	-	< 8.0	< 8.0	< 8.0	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	-	< 8.0	< 8.0	< 8.0	-
TPH-CWG - Aliphatic >EC35 - EC40	mg/kg	10	NONE	-	< 10	< 10	< 10	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	-	< 10	< 10	< 10	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	-	< 1.0	< 1.0	< 1.0	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	-	< 2.0	< 2.0	< 2.0	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	-	< 10	< 10	< 10	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	-	< 10	< 10	< 10	-
TPH-CWG - Aromatic >EC35 - EC40	mg/kg	10	NONE	-	< 10	< 10	< 10	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	-	< 10	< 10	< 10	-
TPH (C35 - C40)	mg/kg	10	MCERTS	-	< 10	< 10	< 10	-

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Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805566	1805567	1805568	1805569	1805570
Sample Reference				DS108B	CP104	CP104	CP104	DS114
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.30	0.70	3.20	0.55
Date Sampled				10/03/2021	10/03/2021	10/03/2021	11/03/2021	09/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Chloroethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Bromomethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Vinyl Chloride	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Trichlorofluoromethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,1-Dichloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,1-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
2,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Trichloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,2-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,1-Dichloropropene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Benzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Tetrachloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Trichloroethene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Dibromomethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Bromodichloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Toluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Dibromochloromethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Tetrachloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Chlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
p & m-Xylene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Styrene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Tribromomethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
o-Xylene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Isopropylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Bromobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
n-Propylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
2-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
4-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
tert-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
sec-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-

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Lab Sample Number				1805566	1805567	1805568	1805569	1805570
Sample Reference				DS108B	CP104	CP104	CP104	DS114
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.30	0.70	3.20	0.55
Date Sampled				10/03/2021	10/03/2021	10/03/2021	11/03/2021	09/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
Hexachlorobutadiene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	-

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Lab Sample Number				1805566	1805567	1805568	1805569	1805570
Sample Reference				DS108B	CP104	CP104	CP104	DS114
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.30	0.70	3.20	0.55
Date Sampled				10/03/2021	10/03/2021	10/03/2021	11/03/2021	09/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	-
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	-
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	-
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	-
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	-
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	-
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	-
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	-
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	-
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	< 0.3	< 0.3	-
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	-
Phenanthrene	mg/kg	0.05	MCERTS	0.81	< 0.05	< 0.05	< 0.05	-
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	-
Fluoranthene	mg/kg	0.05	MCERTS	1.5	< 0.05	< 0.05	< 0.05	-
Pyrene	mg/kg	0.05	MCERTS	1.3	< 0.05	< 0.05	< 0.05	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	< 0.3	< 0.3	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.80	< 0.05	< 0.05	< 0.05	-
Chrysene	mg/kg	0.05	MCERTS	0.72	< 0.05	< 0.05	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	0.94	< 0.05	< 0.05	< 0.05	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.33	< 0.05	< 0.05	< 0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.69	< 0.05	< 0.05	< 0.05	-

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Lab Sample Number				1805566	1805567	1805568	1805569	1805570
Sample Reference				DS108B	CP104	CP104	CP104	DS114
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.30	0.70	3.20	0.55
Date Sampled				10/03/2021	10/03/2021	10/03/2021	11/03/2021	09/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.38	< 0.05	< 0.05	< 0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.46	< 0.05	< 0.05	< 0.05	-
PCBs								
PCB Congener 077	mg/kg	0.001	NONE	-	< 0.001	< 0.001	< 0.001	-
PCB Congener 081	mg/kg	0.001	NONE	-	< 0.001	< 0.001	< 0.001	-
PCB Congener 105	mg/kg	0.001	NONE	-	< 0.001	< 0.001	< 0.001	-
PCB Congener 114	mg/kg	0.001	NONE	-	< 0.001	< 0.001	< 0.001	-
PCB Congener 118	mg/kg	0.001	NONE	-	< 0.001	< 0.001	< 0.001	-
PCB Congener 123	mg/kg	0.001	NONE	-	< 0.001	< 0.001	< 0.001	-
PCB Congener 126	mg/kg	0.001	NONE	-	< 0.001	< 0.001	< 0.001	-
PCB Congener 156	mg/kg	0.001	NONE	-	< 0.001	< 0.001	< 0.001	-
PCB Congener 157	mg/kg	0.001	NONE	-	< 0.001	< 0.001	< 0.001	-
PCB Congener 167	mg/kg	0.001	NONE	-	< 0.001	< 0.001	< 0.001	-
PCB Congener 169	mg/kg	0.001	NONE	-	< 0.001	< 0.001	< 0.001	-
PCB Congener 189	mg/kg	0.001	NONE	-	< 0.001	< 0.001	< 0.001	-
Total PCBs – WHO12								
Total PCBs	mg/kg	0.012	NONE	-	< 0.012	< 0.012	< 0.012	-

U/S = Unsuitable Sample I/S = Insufficient Sample

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Lab Sample Number				1805571	1805572	1805573	1805574	1805575
Sample Reference				DS107A	DS107A	HP104	DS115	CP104
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.80	0.30	0.70	7.50
Date Sampled				09/03/2021	09/03/2021	09/03/2021	09/03/2021	11/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	4.8	11	11	11	14
Total mass of sample received	kg	0.001	NONE	1.2	1.2	1.2	1.0	1.2
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Amosite	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Not-detected	Not-detected	Not-detected	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	< 0.001	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	< 0.001	-	-	-	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	12.0	6.5	9.1	11.4	8.9
Total Sulphate as SO4	%	0.005	MCERTS	-	0.061	0.158	-	0.028
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	82	410	-	250	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.041	0.20	0.054	0.13	0.021
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	40.9	204	53.8	126	21.2
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	-	9.2	1.8	-	5.3
Total Sulphur	%	0.005	MCERTS	-	0.023	0.061	-	0.012
Ammoniacal Nitrogen as NH4	mg/kg	0.5	MCERTS	-	< 0.5	< 0.5	-	< 0.5
Ammonium as NH4 (10:1 leachate equivalent)	mg/l	0.05	MCERTS	-	< 0.05	< 0.05	-	< 0.05
Organic Matter	%	0.1	MCERTS	-	-	-	-	0.5
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	-	< 2.0	< 2.0	-	< 2.0
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	1.3	< 0.05	-	< 0.05	-
Fluorene	mg/kg	0.05	MCERTS	1.0	< 0.05	-	< 0.05	-
Phenanthrene	mg/kg	0.05	MCERTS	17	< 0.05	-	0.64	-
Anthracene	mg/kg	0.05	MCERTS	3.9	< 0.05	-	< 0.05	-
Fluoranthene	mg/kg	0.05	MCERTS	19	< 0.05	-	2.2	-
Pyrene	mg/kg	0.05	MCERTS	15	< 0.05	-	2.1	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	7.3	< 0.05	-	0.90	-
Chrysene	mg/kg	0.05	MCERTS	4.4	< 0.05	-	1.2	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	4.4	< 0.05	-	1.3	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	3.2	< 0.05	-	0.69	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	4.7	< 0.05	-	1.2	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	2.0	< 0.05	-	0.52	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	2.2	< 0.05	-	0.69	-
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	84.5	< 0.80	-	11.4	-

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Lab Sample Number				1805571	1805572	1805573	1805574	1805575
Sample Reference				DS107A	DS107A	HP104	DS115	CP104
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.80	0.30	0.70	7.50
Date Sampled				09/03/2021	09/03/2021	09/03/2021	09/03/2021	11/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	25	12	-	15	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	-
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	-	< 1.2	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	22	23	-	35	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	54	20	-	45	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	32	14	-	180	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	15	20	-	35	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	59	49	-	110	-
Magnesium (water soluble)	mg/kg	5	NONE	-	12	5.4	-	11
Magnesium (leachate equivalent)	mg/l	2.5	NONE	-	5.8	2.7	-	5.7
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	0.003	-
Toluene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	0.008	-
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	-
p & m-xylene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	-
o-xylene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	2.5	< 1.0	-	< 1.0	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	6.7	< 2.0	-	3.7	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	11	< 8.0	-	8.4	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	19	< 8.0	-	28	-
TPH-CWG - Aliphatic >EC35 - EC40	mg/kg	10	NONE	< 10	< 10	-	< 10	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	39	< 10	-	41	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	0.003	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	0.008	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	-	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	9.9	< 2.0	-	< 2.0	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	54	< 10	-	< 10	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	56	< 10	-	< 10	-
TPH-CWG - Aromatic >EC35 - EC40	mg/kg	10	NONE	12	< 10	-	< 10	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	120	< 10	-	13	-
TPH (C35 - C40)	mg/kg	10	MCERTS	12	< 10	-	< 10	-

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Lab Sample Number				1805571	1805572	1805573	1805574	1805575
Sample Reference				DS107A	DS107A	HP104	DS115	CP104
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.80	0.30	0.70	7.50
Date Sampled				09/03/2021	09/03/2021	09/03/2021	09/03/2021	11/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Chloroethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Bromomethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Vinyl Chloride	mg/kg	0.001	NONE	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Trichlorofluoromethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,1-Dichloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,1-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
2,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Trichloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,2-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,1-Dichloropropene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Benzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	0.0033	0.0034
Tetrachloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Trichloroethene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Dibromomethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Bromodichloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Toluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	0.0078	0.012
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Dibromochloromethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Tetrachloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Chlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
p & m-Xylene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Styrene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Tribromomethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
o-Xylene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Isopropylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Bromobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
n-Propylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
2-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
4-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
tert-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
sec-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010

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Lab Sample Number				1805571	1805572	1805573	1805574	1805575
Sample Reference				DS107A	DS107A	HP104	DS115	CP104
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.80	0.30	0.70	7.50
Date Sampled				09/03/2021	09/03/2021	09/03/2021	09/03/2021	11/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
Hexachlorobutadiene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	-	< 0.0010	< 0.0010

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Lab Sample Number				1805571	1805572	1805573	1805574	1805575
Sample Reference				DS107A	DS107A	HP104	DS115	CP104
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.80	0.30	0.70	7.50
Date Sampled				09/03/2021	09/03/2021	09/03/2021	09/03/2021	11/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	-	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	-	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	-	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	-	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	-	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	-	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	1.3	< 0.05	-	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	0.8	< 0.2	-	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	-	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	1.0	< 0.05	-	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	17	< 0.05	-	0.64	< 0.05
Anthracene	mg/kg	0.05	MCERTS	3.9	< 0.05	-	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	1.6	< 0.3	-	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	MCERTS	1.0	< 0.3	-	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	19	< 0.05	-	2.2	< 0.05
Pyrene	mg/kg	0.05	MCERTS	15	< 0.05	-	2.1	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	-	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	7.3	< 0.05	-	0.90	< 0.05
Chrysene	mg/kg	0.05	MCERTS	4.4	< 0.05	-	1.2	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	4.4	< 0.05	-	1.3	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	3.2	< 0.05	-	0.69	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	4.7	< 0.05	-	1.2	< 0.05

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Lab Sample Number				1805571	1805572	1805573	1805574	1805575
Sample Reference				DS107A	DS107A	HP104	DS115	CP104
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.80	0.30	0.70	7.50
Date Sampled				09/03/2021	09/03/2021	09/03/2021	09/03/2021	11/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	2.0	< 0.05	-	0.52	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	2.2	< 0.05	-	0.69	< 0.05

PCBs

PCB Congener 077	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 081	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 105	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 114	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 118	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 123	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 126	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 156	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 157	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 167	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 169	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 189	mg/kg	0.001	NONE	-	-	-	-	-

Total PCBs – WHO12

Total PCBs	mg/kg	0.012	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

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Lab Sample Number				1805576	1805577	1805578	1805579	1805580
Sample Reference				CP105	CP105	CP105	CP102	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.15	2.70	8.20	0.28	12.50
Date Sampled				11/03/2021	11/03/2021	12/03/2021	15/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	13	2.7	19	5.6	21
Total mass of sample received	kg	0.001	NONE	1.2	1.2	1.0	1.0	1.0
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	Not-detected	Not-detected	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	8.7	9.6	9.5	11.6	-
Total Sulphate as SO4	%	0.005	MCERTS	0.011	0.016	0.026	-	-
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	26	-	74	86	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.013	0.016	0.037	0.043	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	12.8	16.2	37.2	42.8	-
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	2.5	1.4	6.7	-	-
Total Sulphur	%	0.005	MCERTS	0.007	< 0.005	0.043	-	-
Ammoniacal Nitrogen as NH4	mg/kg	0.5	MCERTS	< 0.5	< 0.5	< 0.5	-	-
Ammonium as NH4 (10:1 leachate equivalent)	mg/l	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	-
Organic Matter	%	0.1	MCERTS	1.2	0.2	0.1	1.5	0.6
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	< 2.0	< 2.0	< 2.0	-	-
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Pyrene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Chrysene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	-	< 0.80	< 0.80	-

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Lab Sample Number				1805576	1805577	1805578	1805579	1805580
Sample Reference				CP105	CP105	CP105	CP102	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.15	2.70	8.20	0.28	12.50
Date Sampled				11/03/2021	11/03/2021	12/03/2021	15/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	3.0	-	15	11	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2	-
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	-	< 1.2	< 1.2	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	19	-	26	22	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	24	-	22	32	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	8.4	-	11	14	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	20	-	30	28	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	39	-	54	64	-
Magnesium (water soluble)	mg/kg	5	NONE	6.3	< 5.0	11	-	-
Magnesium (leachate equivalent)	mg/l	2.5	NONE	3.1	< 2.5	5.3	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	MCERTS	0.008	-	< 0.001	0.015	-
Toluene	mg/kg	0.001	MCERTS	0.013	-	< 0.001	0.024	-
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
p & m-xylene	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
o-xylene	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	4.9	-	< 1.0	< 1.0	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	6.9	-	< 2.0	6.9	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	-	< 8.0	< 8.0	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	-	< 8.0	61	-
TPH-CWG - Aliphatic >EC35 - EC40	mg/kg	10	NONE	< 10	-	< 10	140	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	12	-	< 10	74	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	0.008	-	< 0.001	0.015	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	0.013	-	< 0.001	0.024	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	-	< 2.0	3.8	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	-	< 10	< 10	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	-	< 10	100	-
TPH-CWG - Aromatic >EC35 - EC40	mg/kg	10	NONE	< 10	-	< 10	290	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	-	< 10	110	-
TPH (C35 - C40)	mg/kg	10	MCERTS	< 10	-	< 10	430	-

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Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805576	1805577	1805578	1805579	1805580
Sample Reference				CP105	CP105	CP105	CP102	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.15	2.70	8.20	0.28	12.50
Date Sampled				11/03/2021	11/03/2021	12/03/2021	15/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Chloroethane	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Bromomethane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Vinyl Chloride	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Trichlorofluoromethane	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1-Dichloroethene	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
2,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Trichloromethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1-Dichloropropene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Benzene	mg/kg	0.001	MCERTS	0.0081	-	< 0.0010	0.015	< 0.0010
Tetrachloromethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Trichloroethene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Dibromomethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Bromodichloromethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Toluene	mg/kg	0.001	MCERTS	0.013	-	< 0.0010	0.024	< 0.0010
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Dibromochloromethane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Tetrachloroethene	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Chlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
p & m-Xylene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Styrene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Tribromomethane	mg/kg	0.001	NONE	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
o-Xylene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Isopropylbenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Bromobenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
n-Propylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
2-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
4-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
tert-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
sec-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010

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Lab Sample Number				1805576	1805577	1805578	1805579	1805580
Sample Reference				CP105	CP105	CP105	CP102	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.15	2.70	8.20	0.28	12.50
Date Sampled				11/03/2021	11/03/2021	12/03/2021	15/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
Hexachlorobutadiene	mg/kg	0.001	MCERTS	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	-	< 0.0010	< 0.0010	< 0.0010

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Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805576	1805577	1805578	1805579	1805580
Sample Reference				CP105	CP105	CP105	CP102	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.15	2.70	8.20	0.28	12.50
Date Sampled				11/03/2021	11/03/2021	12/03/2021	15/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	-	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	-	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	-	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	-	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	-	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	-	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	-	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	-	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05

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Lab Sample Number				1805576	1805577	1805578	1805579	1805580
Sample Reference				CP105	CP105	CP105	CP102	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.15	2.70	8.20	0.28	12.50
Date Sampled				11/03/2021	11/03/2021	12/03/2021	15/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05

PCBs

PCB Congener 077	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 081	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 105	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 114	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 118	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 123	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 126	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 156	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 157	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 167	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 169	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 189	mg/kg	0.001	NONE	-	-	-	-	-

Total PCBs – WHO12

Total PCBs	mg/kg	0.012	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805582	1805583	1805584	1805585	1805586
Sample Reference				HP101	HP102	DS113	DS113	SA102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.25	0.30	0.80	0.40
Date Sampled				08/03/2021	09/03/2021	08/03/2021	08/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	-	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	-	15	14	19
Total mass of sample received	kg	0.001	NONE	1.2	-	1.2	1.2	0.50
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	Chrysotile	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Detected	-	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	< 0.001	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	< 0.001	-	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	8.5	-	8.5	-	8.3
Total Sulphate as SO4	%	0.005	MCERTS	-	-	-	-	0.089
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	70	-	93	-	380
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.035	-	0.046	-	0.19
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	35.0	-	46.4	-	191
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	-	-	-	-	17
Total Sulphur	%	0.005	MCERTS	-	-	-	-	0.166
Ammoniacal Nitrogen as NH4	mg/kg	0.5	MCERTS	-	-	-	-	5.9
Ammonium as NH4 (10:1 leachate equivalent)	mg/l	0.05	MCERTS	-	-	-	-	0.59
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	-	-	-	-	< 2.0
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.42	-	0.93	-	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	0.81	-	2.3	-	< 0.05
Pyrene	mg/kg	0.05	MCERTS	0.81	-	2.1	-	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.38	-	1.4	-	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.51	-	1.1	-	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	0.60	-	1.6	-	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.31	-	0.65	-	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.61	-	1.1	-	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.36	-	0.56	-	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.38	-	0.76	-	< 0.05
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	5.19	-	12.5	-	< 0.80

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Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805582	1805583	1805584	1805585	1805586
Sample Reference				HP101	HP102	DS113	DS113	SA102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.25	0.30	0.80	0.40
Date Sampled				08/03/2021	09/03/2021	08/03/2021	08/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	12	-	21	-	10
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	-	1.2	-	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	-	< 1.2	-	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	25	-	29	-	22
Copper (aqua regia extractable)	mg/kg	1	MCERTS	50	-	260	-	31
Lead (aqua regia extractable)	mg/kg	1	MCERTS	100	-	660	-	73
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	24	-	30	-	18
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	110	-	670	-	62
Magnesium (water soluble)	mg/kg	5	NONE	-	-	-	-	6.1
Magnesium (leachate equivalent)	mg/l	2.5	NONE	-	-	-	-	3.1
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	MCERTS	< 0.001	-	0.012	-	< 0.001
Toluene	mg/kg	0.001	MCERTS	< 0.001	-	0.018	-	< 0.001
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	< 0.001
p & m-xylene	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	< 0.001
o-xylene	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	< 0.001
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	< 0.001
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	-	< 1.0	-	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	-	< 2.0	-	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	-	< 8.0	-	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	-	< 8.0	-	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40	mg/kg	10	NONE	< 10	-	< 10	-	< 10
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	-	< 10	-	< 10
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	-	0.012	-	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	-	0.018	-	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	-	< 1.0	-	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	-	< 2.0	-	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	-	< 10	-	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	23	-	12	-	< 10
TPH-CWG - Aromatic >EC35 - EC40	mg/kg	10	NONE	17	-	< 10	-	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	27	-	19	-	< 10
TPH (C35 - C40)	mg/kg	10	MCERTS	17	-	< 10	-	< 10

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Lab Sample Number				1805582	1805583	1805584	1805585	1805586
Sample Reference				HP101	HP102	DS113	DS113	SA102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.25	0.30	0.80	0.40
Date Sampled				08/03/2021	09/03/2021	08/03/2021	08/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
Chloroethane	mg/kg	0.001	NONE	-	-	< 0.0010	< 0.0010	-
Bromomethane	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
Vinyl Chloride	mg/kg	0.001	NONE	-	-	< 0.0010	< 0.0010	-
Trichlorofluoromethane	mg/kg	0.001	NONE	-	-	< 0.0010	< 0.0010	-
1,1-Dichloroethene	mg/kg	0.001	NONE	-	-	< 0.0010	< 0.0010	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
1,1-Dichloroethane	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
2,2-Dichloropropane	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
Trichloromethane	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
1,2-Dichloroethane	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
1,1-Dichloropropene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	-	-	< 0.0010	< 0.0010	-
Benzene	mg/kg	0.001	MCERTS	-	-	0.012	< 0.0010	-
Tetrachloromethane	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
1,2-Dichloropropane	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
Trichloroethene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
Dibromomethane	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
Bromodichloromethane	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
Toluene	mg/kg	0.001	MCERTS	-	-	0.018	< 0.0010	-
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
Dibromochloromethane	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
Tetrachloroethene	mg/kg	0.001	NONE	-	-	< 0.0010	< 0.0010	-
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
Chlorobenzene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
Ethylbenzene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
p & m-Xylene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
Styrene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
Tribromomethane	mg/kg	0.001	NONE	-	-	< 0.0010	< 0.0010	-
o-Xylene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
Isopropylbenzene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
Bromobenzene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
n-Propylbenzene	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
2-Chlorotoluene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
4-Chlorotoluene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
tert-Butylbenzene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
sec-Butylbenzene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
Butylbenzene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-

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Lab Sample Number				1805582	1805583	1805584	1805585	1805586
Sample Reference				HP101	HP102	DS113	DS113	SA102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.25	0.30	0.80	0.40
Date Sampled				08/03/2021	09/03/2021	08/03/2021	08/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
Hexachlorobutadiene	mg/kg	0.001	MCERTS	-	-	< 0.0010	< 0.0010	-
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	-	-	< 0.0010	< 0.0010	-

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Lab Sample Number				1805582	1805583	1805584	1805585	1805586
Sample Reference				HP101	HP102	DS113	DS113	SA102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.25	0.30	0.80	0.40
Date Sampled				08/03/2021	09/03/2021	08/03/2021	08/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	-	-	< 0.1	< 0.1	-
Phenol	mg/kg	0.2	ISO 17025	-	-	< 0.2	< 0.2	-
2-Chlorophenol	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
2-Methylphenol	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Hexachloroethane	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
Nitrobenzene	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
4-Methylphenol	mg/kg	0.2	NONE	-	-	< 0.2	< 0.2	-
Isophorone	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
2-Nitrophenol	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Naphthalene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
4-Chloroaniline	mg/kg	0.1	NONE	-	-	< 0.1	< 0.1	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-	-	< 0.1	< 0.1	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
2-Methylnaphthalene	mg/kg	0.1	NONE	-	-	< 0.1	< 0.1	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
Dimethylphthalate	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-	-	< 0.1	< 0.1	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
Dibenzofuran	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-	-	< 0.3	< 0.3	-
Diethyl phthalate	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
4-Nitroaniline	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
Fluorene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
Azobenzene	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Phenanthrene	mg/kg	0.05	MCERTS	-	-	0.93	< 0.05	-
Anthracene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
Carbazole	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	-	-	< 0.2	< 0.2	-
Anthraquinone	mg/kg	0.3	MCERTS	-	-	< 0.3	< 0.3	-
Fluoranthene	mg/kg	0.05	MCERTS	-	-	2.3	< 0.05	-
Pyrene	mg/kg	0.05	MCERTS	-	-	2.1	< 0.05	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-	-	< 0.3	< 0.3	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	-	1.4	< 0.05	-
Chrysene	mg/kg	0.05	MCERTS	-	-	1.1	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	-	1.6	< 0.05	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	-	0.65	< 0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	-	1.1	< 0.05	-

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Lab Sample Number				1805582	1805583	1805584	1805585	1805586
Sample Reference				HP101	HP102	DS113	DS113	SA102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.25	0.30	0.80	0.40
Date Sampled				08/03/2021	09/03/2021	08/03/2021	08/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	-	0.56	< 0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	-	< 0.05	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	0.76	< 0.05	-
PCBs								
PCB Congener 077	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 081	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 105	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 114	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 118	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 123	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 126	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 156	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 157	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 167	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 169	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 189	mg/kg	0.001	NONE	-	-	-	-	-
Total PCBs – WHO12								
Total PCBs	mg/kg	0.012	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

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Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805587	1805588	1805589	1805590	1805591
Sample Reference				SA102	SA101	SA101	SA104	SA103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.55	0.25	0.60	0.30	0.40
Date Sampled				10/03/2021	10/03/2021	10/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	20	13	18	18	11
Total mass of sample received	kg	0.001	NONE	0.50	0.50	0.40	0.50	1.2
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	Chrysotile	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	Detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	< 0.001	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	< 0.001	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	-	11.7	8.6	8.1	10.3
Total Sulphate as SO4	%	0.005	MCERTS	-	0.539	0.131	-	0.201
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	770	880	240	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	-	0.38	0.44	0.12	0.21
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	-	383	438	122	212
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	-	16	3.5	-	43
Total Sulphur	%	0.005	MCERTS	-	0.281	0.057	-	0.086
Ammoniacal Nitrogen as NH4	mg/kg	0.5	MCERTS	-	< 0.5	< 0.5	-	1.7
Ammonium as NH4 (10:1 leachate equivalent)	mg/l	0.05	MCERTS	-	< 0.05	< 0.05	-	0.17
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	-	< 2.0	< 2.0	-	< 2.0

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	-	0.27	< 0.05	< 0.05	-
Fluorene	mg/kg	0.05	MCERTS	-	0.28	< 0.05	< 0.05	-
Phenanthrene	mg/kg	0.05	MCERTS	-	9.3	0.27	0.21	-
Anthracene	mg/kg	0.05	MCERTS	-	0.48	< 0.05	< 0.05	-
Fluoranthene	mg/kg	0.05	MCERTS	-	17	0.43	0.45	-
Pyrene	mg/kg	0.05	MCERTS	-	14	0.39	0.44	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	4.9	0.23	< 0.05	-
Chrysene	mg/kg	0.05	MCERTS	-	7.2	0.21	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	7.4	0.22	< 0.05	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	6.1	0.13	< 0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	6.4	0.20	< 0.05	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	3.3	< 0.05	< 0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	0.88	< 0.05	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	4.1	< 0.05	< 0.05	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	-	82.1	2.08	1.10	-

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Lab Sample Number				1805587	1805588	1805589	1805590	1805591
Sample Reference				SA102	SA101	SA101	SA104	SA103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.55	0.25	0.60	0.30	0.40
Date Sampled				10/03/2021	10/03/2021	10/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	16	13	8.7	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	< 0.2	-
Chromium (hexavalent)	mg/kg	1.2	MCERTS	-	< 1.2	< 1.2	< 1.2	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	28	27	18	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	190	34	38	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	210	29	46	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	< 0.3	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	26	29	19	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	340	83	67	-
Magnesium (water soluble)	mg/kg	5	NONE	-	< 5.0	14	-	5.0
Magnesium (leachate equivalent)	mg/l	2.5	NONE	-	< 2.5	7.0	-	2.5
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	MCERTS	-	0.008	0.011	< 0.001	-
Toluene	mg/kg	0.001	MCERTS	-	0.019	0.018	< 0.001	-
Ethylbenzene	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
p & m-xylene	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
o-xylene	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	-	< 1.0	< 1.0	< 1.0	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	-	12	< 2.0	< 2.0	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	-	11	< 8.0	< 8.0	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	-	68	< 8.0	25	-
TPH-CWG - Aliphatic >EC35 - EC40	mg/kg	10	NONE	-	41	< 10	20	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	-	91	< 10	25	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	-	0.008	0.011	< 0.001	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	-	0.019	0.018	< 0.001	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	-	< 1.0	< 1.0	< 1.0	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	-	8.2	< 2.0	< 2.0	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	-	45	< 10	< 10	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	-	96	< 10	57	-
TPH-CWG - Aromatic >EC35 - EC40	mg/kg	10	NONE	-	30	< 10	37	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	-	150	< 10	60	-
TPH (C35 - C40)	mg/kg	10	MCERTS	-	72	< 10	56	-

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Lab Sample Number				1805587	1805588	1805589	1805590	1805591
Sample Reference				SA102	SA101	SA101	SA104	SA103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.55	0.25	0.60	0.30	0.40
Date Sampled				10/03/2021	10/03/2021	10/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Chloroethane	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
Bromomethane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Vinyl Chloride	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
Trichlorofluoromethane	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
1,1-Dichloroethene	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,1-Dichloroethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
2,2-Dichloropropane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Trichloromethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,2-Dichloroethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,1-Dichloropropene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
Benzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Tetrachloromethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,2-Dichloropropane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Trichloroethene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Dibromomethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Bromodichloromethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Toluene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Dibromochloromethane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Tetrachloroethene	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Chlorobenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Ethylbenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
p & m-Xylene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Styrene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Tribromomethane	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
o-Xylene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Isopropylbenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Bromobenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
n-Propylbenzene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
2-Chlorotoluene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
4-Chlorotoluene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
tert-Butylbenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
sec-Butylbenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Butylbenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-

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Lab Sample Number				1805587	1805588	1805589	1805590	1805591
Sample Reference				SA102	SA101	SA101	SA104	SA103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.55	0.25	0.60	0.30	0.40
Date Sampled				10/03/2021	10/03/2021	10/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Hexachlorobutadiene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-

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Lab Sample Number				1805587	1805588	1805589	1805590	1805591
Sample Reference				SA102	SA101	SA101	SA104	SA103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.55	0.25	0.60	0.30	0.40
Date Sampled				10/03/2021	10/03/2021	10/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	-	-	-	< 0.1	-
Phenol	mg/kg	0.2	ISO 17025	-	-	-	< 0.2	-
2-Chlorophenol	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
2-Methylphenol	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Hexachloroethane	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
Nitrobenzene	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
4-Methylphenol	mg/kg	0.2	NONE	-	-	-	< 0.2	-
Isophorone	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
2-Nitrophenol	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Naphthalene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
4-Chloroaniline	mg/kg	0.1	NONE	-	-	-	< 0.1	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-	-	-	< 0.1	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
2-Methylnaphthalene	mg/kg	0.1	NONE	-	-	-	< 0.1	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
Dimethylphthalate	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
Dibenzofuran	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-	-	-	< 0.3	-
Diethyl phthalate	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
4-Nitroaniline	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
Fluorene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
Azobenzene	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Phenanthrene	mg/kg	0.05	MCERTS	-	-	-	0.21	-
Anthracene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
Carbazole	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
Anthraquinone	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Fluoranthene	mg/kg	0.05	MCERTS	-	-	-	0.45	-
Pyrene	mg/kg	0.05	MCERTS	-	-	-	0.44	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-	-	-	< 0.3	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
Chrysene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-

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Lab Sample Number				1805587	1805588	1805589	1805590	1805591
Sample Reference				SA102	SA101	SA101	SA104	SA103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.55	0.25	0.60	0.30	0.40
Date Sampled				10/03/2021	10/03/2021	10/03/2021	10/03/2021	10/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
PCBs								
PCB Congener 077	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 081	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 105	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 114	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 118	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 123	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 126	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 156	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 157	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 167	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 169	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 189	mg/kg	0.001	NONE	-	-	-	-	-
Total PCBs – WHO12								
Total PCBs	mg/kg	0.012	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

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Project / Site name: Ajax Avenue, Slough
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Lab Sample Number				1805592	1805593	1805594	1805595	1805597
Sample Reference				TP102	TP104	TP110	TP106	TP108
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.40	0.30	0.50	1.00
Date Sampled				11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	19	11	9.0	13	17
Total mass of sample received	kg	0.001	NONE	0.40	1.2	1.2	0.70	1.5
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Chrysotile	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	< 0.001	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	< 0.001	-	-	-	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	10.9	11.1	9.9	8.2	7.8
Total Sulphate as SO4	%	0.005	MCERTS	0.233	-	-	-	0.091
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	190	380	110	200	340
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.094	0.19	0.056	0.098	0.17
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	94.1	189	56.1	98.4	171
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	25	-	-	-	2.3
Total Sulphur	%	0.005	MCERTS	0.143	-	-	-	0.031
Ammoniacal Nitrogen as NH4	mg/kg	0.5	MCERTS	0.7	-	-	-	< 0.5
Ammonium as NH4 (10:1 leachate equivalent)	mg/l	0.05	MCERTS	0.07	-	-	-	< 0.05
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	< 2.0	-	-	-	< 2.0
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.27	< 0.05	0.95	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.51	0.58	1.5	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	0.53	0.55	1.3	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.28	< 0.05	0.81	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.29	< 0.05	0.66	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.83	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.47	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.76	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.34	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.42	< 0.05
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	1.88	1.13	8.11	< 0.80

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Your Order No: DS59833

Lab Sample Number				1805592	1805593	1805594	1805595	1805597
Sample Reference				TP102	TP104	TP110	TP106	TP108
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.40	0.30	0.50	1.00
Date Sampled				11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	26	13	18	15	14
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	1.2	1.0	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	24	27	22	80	33
Copper (aqua regia extractable)	mg/kg	1	MCERTS	71	36	38	96	28
Lead (aqua regia extractable)	mg/kg	1	MCERTS	55	37	49	91	15
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	0.6	1.8	0.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	39	21	28	79	42
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	74	90	92	470	72
Magnesium (water soluble)	mg/kg	5	NONE	< 5.0	-	-	-	11
Magnesium (leachate equivalent)	mg/l	2.5	NONE	< 2.5	-	-	-	5.6
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	MCERTS	0.012	0.022	< 0.001	< 0.001	< 0.001
Toluene	mg/kg	0.001	MCERTS	0.019	0.025	< 0.001	< 0.001	< 0.001
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
p & m-xylene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-xylene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	13	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	18	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	83	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40	mg/kg	10	NONE	< 10	100	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	110	< 10	< 10	< 10
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	0.012	0.022	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	0.019	0.025	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	110	< 10	< 10	< 10
TPH-CWG - Aromatic >EC35 - EC40	mg/kg	10	NONE	< 10	150	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	120	< 10	< 10	< 10
TPH (C35 - C40)	mg/kg	10	MCERTS	< 10	250	< 10	< 10	< 10

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Lab Sample Number				1805592	1805593	1805594	1805595	1805597
Sample Reference				TP102	TP104	TP110	TP106	TP108
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.40	0.30	0.50	1.00
Date Sampled				11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Chloroethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Bromomethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Vinyl Chloride	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Trichlorofluoromethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1-Dichloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
2,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Trichloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1-Dichloropropene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Benzene	mg/kg	0.001	MCERTS	0.012	0.022	< 0.0010	-	< 0.0010
Tetrachloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Trichloroethene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Dibromomethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Bromodichloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Toluene	mg/kg	0.001	MCERTS	0.019	0.025	< 0.0010	-	< 0.0010
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Dibromochloromethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Tetrachloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Chlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
p & m-Xylene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Styrene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Tribromomethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
o-Xylene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Isopropylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Bromobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
n-Propylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
2-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
4-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
tert-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
sec-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010

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Lab Sample Number				1805592	1805593	1805594	1805595	1805597
Sample Reference				TP102	TP104	TP110	TP106	TP108
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.40	0.30	0.50	1.00
Date Sampled				11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
Hexachlorobutadiene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	< 0.0010

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Lab Sample Number				1805592	1805593	1805594	1805595	1805597
Sample Reference				TP102	TP104	TP110	TP106	TP108
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.40	0.30	0.50	1.00
Date Sampled				11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	-	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	-	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	< 0.3	-	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.27	< 0.05	-	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.51	0.58	-	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	0.53	0.55	-	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	< 0.3	-	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.28	< 0.05	-	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.29	< 0.05	-	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05

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Lab Sample Number				1805592	1805593	1805594	1805595	1805597
Sample Reference				TP102	TP104	TP110	TP106	TP108
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.40	0.30	0.50	1.00
Date Sampled				11/03/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
PCBs								
PCB Congener 077	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 081	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 105	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 114	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 118	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 123	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 126	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 156	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 157	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 167	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 169	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 189	mg/kg	0.001	NONE	-	-	-	-	-
Total PCBs – WHO12								
Total PCBs	mg/kg	0.012	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805598	1805599	1805600	1805601	1805602
Sample Reference				TP107	CP101	DS103	TP109	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.30	1.00	0.50	0.50
Date Sampled				11/03/2021	08/03/2021	11/03/2021	11/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	-	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	-	8.7	13	17
Total mass of sample received	kg	0.001	NONE	1.2	-	1.0	0.40	1.2
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	8.0	-	10.1	8.1	8.3
Total Sulphate as SO4	%	0.005	MCERTS	0.061	-	0.257	0.107	0.040
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	120	-	230	-	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.058	-	0.11	0.083	0.011
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	57.5	-	114	83.3	11.1
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	2.9	-	17	4.3	1.7
Total Sulphur	%	0.005	MCERTS	0.020	-	0.093	0.059	0.012
Ammoniacal Nitrogen as NH4	mg/kg	0.5	MCERTS	< 0.5	-	< 0.5	< 0.5	< 0.5
Ammonium as NH4 (10:1 leachate equivalent)	mg/l	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	< 0.05
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	7.2	-	< 2.0	< 2.0	< 2.0
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	-	0.43	-	-
Anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	1.8	-	-
Pyrene	mg/kg	0.05	MCERTS	< 0.05	-	1.6	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	0.67	-	-
Chrysene	mg/kg	0.05	MCERTS	< 0.05	-	0.72	-	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	0.83	-	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	0.38	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	0.84	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	0.37	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	-	0.42	-	-
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	-	8.05	-	-

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805598	1805599	1805600	1805601	1805602
Sample Reference				TP107	CP101	DS103	TP109	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.30	1.00	0.50	0.50
Date Sampled				11/03/2021	08/03/2021	11/03/2021	11/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	13	-	12	-	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	-	0.7	-	-
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	-	< 1.2	-	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	31	-	30	-	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	24	-	30	-	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	15	-	58	-	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.7	-	92	-	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	34	-	25	-	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	62	-	99	-	-
Magnesium (water soluble)	mg/kg	5	NONE	7.2	-	< 5.0	5.5	5.0
Magnesium (leachate equivalent)	mg/l	2.5	NONE	3.6	-	< 2.5	2.8	2.5
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	MCERTS	< 0.001	-	0.007	-	-
Toluene	mg/kg	0.001	MCERTS	< 0.001	-	0.019	-	-
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	-
p & m-xylene	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	-
o-xylene	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	-	< 2.0	-	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	-	< 8.0	-	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	-	< 8.0	-	-
TPH-CWG - Aliphatic >EC35 - EC40	mg/kg	10	NONE	< 10	-	< 10	-	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	-	< 10	-	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	-	0.007	-	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	-	0.018	-	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	-	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	-	< 2.0	-	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	-	< 10	-	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	-	26	-	-
TPH-CWG - Aromatic >EC35 - EC40	mg/kg	10	NONE	< 10	-	< 10	-	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	-	31	-	-
TPH (C35 - C40)	mg/kg	10	MCERTS	< 10	-	< 10	-	-

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805598	1805599	1805600	1805601	1805602
Sample Reference				TP107	CP101	DS103	TP109	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.30	1.00	0.50	0.50
Date Sampled				11/03/2021	08/03/2021	11/03/2021	11/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Chloroethane	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
Bromomethane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Vinyl Chloride	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
Trichlorofluoromethane	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
1,1-Dichloroethene	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,1-Dichloroethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
2,2-Dichloropropane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Trichloromethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,2-Dichloroethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,1-Dichloropropene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
Benzene	mg/kg	0.001	MCERTS	-	-	-	0.0058	-
Tetrachloromethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,2-Dichloropropane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Trichloroethene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Dibromomethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Bromodichloromethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Toluene	mg/kg	0.001	MCERTS	-	-	-	0.015	-
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Dibromochloromethane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Tetrachloroethene	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
Chlorobenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Ethylbenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
p & m-Xylene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Styrene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Tribromomethane	mg/kg	0.001	NONE	-	-	-	< 0.0010	-
o-Xylene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Isopropylbenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Bromobenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
n-Propylbenzene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
2-Chlorotoluene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
4-Chlorotoluene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
tert-Butylbenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
sec-Butylbenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Butylbenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805598	1805599	1805600	1805601	1805602
Sample Reference				TP107	CP101	DS103	TP109	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.30	1.00	0.50	0.50
Date Sampled				11/03/2021	08/03/2021	11/03/2021	11/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
Hexachlorobutadiene	mg/kg	0.001	MCERTS	-	-	-	< 0.0010	-
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	-	-	-	< 0.0010	-

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805598	1805599	1805600	1805601	1805602
Sample Reference				TP107	CP101	DS103	TP109	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.30	1.00	0.50	0.50
Date Sampled				11/03/2021	08/03/2021	11/03/2021	11/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	-	-	-	< 0.1	-
Phenol	mg/kg	0.2	ISO 17025	-	-	-	< 0.2	-
2-Chlorophenol	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
2-Methylphenol	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Hexachloroethane	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
Nitrobenzene	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
4-Methylphenol	mg/kg	0.2	NONE	-	-	-	< 0.2	-
Isophorone	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
2-Nitrophenol	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Naphthalene	mg/kg	0.05	MCERTS	-	-	-	< 0.05	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
4-Chloroaniline	mg/kg	0.1	NONE	-	-	-	< 0.1	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-	-	-	< 0.1	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
2-Methylnaphthalene	mg/kg	0.1	NONE	-	-	-	< 0.1	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
Dimethylphthalate	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-	-	-	< 0.1	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	-	-	2.3	-
Acenaphthene	mg/kg	0.05	MCERTS	-	-	-	0.75	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
Dibenzofuran	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-	-	-	< 0.3	-
Diethyl phthalate	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
4-Nitroaniline	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
Fluorene	mg/kg	0.05	MCERTS	-	-	-	0.45	-
Azobenzene	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Phenanthrene	mg/kg	0.05	MCERTS	-	-	-	6.2	-
Anthracene	mg/kg	0.05	MCERTS	-	-	-	2.7	-
Carbazole	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	-	-	-	< 0.2	-
Anthraquinone	mg/kg	0.3	MCERTS	-	-	-	< 0.3	-
Fluoranthene	mg/kg	0.05	MCERTS	-	-	-	80	-
Pyrene	mg/kg	0.05	MCERTS	-	-	-	75	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-	-	-	< 0.3	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	-	-	61	-
Chrysene	mg/kg	0.05	MCERTS	-	-	-	43	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	-	-	77	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	-	-	41	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	-	-	69	-

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805598	1805599	1805600	1805601	1805602
Sample Reference				TP107	CP101	DS103	TP109	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.30	1.00	0.50	0.50
Date Sampled				11/03/2021	08/03/2021	11/03/2021	11/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	-	-	33	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	-	-	8.9	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	-	38	-
PCBs								
PCB Congener 077	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 081	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 105	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 114	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 118	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 123	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 126	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 156	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 157	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 167	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 169	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 189	mg/kg	0.001	NONE	-	-	-	-	-
Total PCBs – WHO12								
Total PCBs	mg/kg	0.012	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805603	1805604	1805605	1805606	1805607
Sample Reference				CP102	CP102	CP102	CP102	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	2.50	3.00	6.00	7.65
Date Sampled				15/03/2021	15/03/2021	15/03/2021	15/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	7.9	14	2.9	19
Total mass of sample received	kg	0.001	NONE	1.2	1.2	1.2	1.2	1.2
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	8.5	8.6	8.5	8.5	8.1
Total Sulphate as SO4	%	0.005	MCERTS	0.062	0.025	0.023	0.017	0.022
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	-	-	-	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0064	0.0081	0.012	0.0055	0.016
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	6.4	8.1	12.4	5.5	15.5
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	1.7	1.7	4.6	1.1	4.1
Total Sulphur	%	0.005	MCERTS	0.017	0.009	0.007	0.011	0.007
Ammoniacal Nitrogen as NH4	mg/kg	0.5	MCERTS	< 0.5	< 0.5	0.6	< 0.5	< 0.5
Ammonium as NH4 (10:1 leachate equivalent)	mg/l	0.05	MCERTS	< 0.05	< 0.05	0.06	< 0.05	< 0.05
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	-	-	-	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	-	-	-	-
Acenaphthene	mg/kg	0.05	MCERTS	-	-	-	-	-
Fluorene	mg/kg	0.05	MCERTS	-	-	-	-	-
Phenanthrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Anthracene	mg/kg	0.05	MCERTS	-	-	-	-	-
Fluoranthene	mg/kg	0.05	MCERTS	-	-	-	-	-
Pyrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	-	-	-	-
Chrysene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	-	-	-
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	-	-	-	-	-

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805603	1805604	1805605	1805606	1805607
Sample Reference				CP102	CP102	CP102	CP102	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	2.50	3.00	6.00	7.65
Date Sampled				15/03/2021	15/03/2021	15/03/2021	15/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	-	-	-	-
Chromium (hexavalent)	mg/kg	1.2	MCERTS	-	-	-	-	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	-	-	-	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	-	-
Magnesium (water soluble)	mg/kg	5	NONE	< 5.0	5.6	7.8	< 5.0	12
Magnesium (leachate equivalent)	mg/l	2.5	NONE	< 2.5	2.8	3.9	< 2.5	6.0
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	MCERTS	-	-	-	-	-
Toluene	mg/kg	0.001	MCERTS	-	-	-	-	-
Ethylbenzene	mg/kg	0.001	MCERTS	-	-	-	-	-
p & m-xylene	mg/kg	0.001	MCERTS	-	-	-	-	-
o-xylene	mg/kg	0.001	MCERTS	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	-	-	-	-	-
TPH (C35 - C40)	mg/kg	10	MCERTS	-	-	-	-	-

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805603	1805604	1805605	1805606	1805607
Sample Reference				CP102	CP102	CP102	CP102	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	2.50	3.00	6.00	7.65
Date Sampled				15/03/2021	15/03/2021	15/03/2021	15/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	mg/kg	0.001	ISO 17025	-	-	-	-	-
Chloroethane	mg/kg	0.001	NONE	-	-	-	-	-
Bromomethane	mg/kg	0.001	ISO 17025	-	-	-	-	-
Vinyl Chloride	mg/kg	0.001	NONE	-	-	-	-	-
Trichlorofluoromethane	mg/kg	0.001	NONE	-	-	-	-	-
1,1-Dichloroethene	mg/kg	0.001	NONE	-	-	-	-	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	-	-	-	-	-
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	-	-	-	-	-
1,1-Dichloroethane	mg/kg	0.001	MCERTS	-	-	-	-	-
2,2-Dichloropropane	mg/kg	0.001	MCERTS	-	-	-	-	-
Trichloromethane	mg/kg	0.001	MCERTS	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	-	-	-	-	-
1,2-Dichloroethane	mg/kg	0.001	MCERTS	-	-	-	-	-
1,1-Dichloropropene	mg/kg	0.001	MCERTS	-	-	-	-	-
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	-	-	-	-	-
Benzene	mg/kg	0.001	MCERTS	-	-	-	-	-
Tetrachloromethane	mg/kg	0.001	MCERTS	-	-	-	-	-
1,2-Dichloropropane	mg/kg	0.001	MCERTS	-	-	-	-	-
Trichloroethene	mg/kg	0.001	MCERTS	-	-	-	-	-
Dibromomethane	mg/kg	0.001	MCERTS	-	-	-	-	-
Bromodichloromethane	mg/kg	0.001	MCERTS	-	-	-	-	-
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	-	-	-	-	-
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	-	-	-	-	-
Toluene	mg/kg	0.001	MCERTS	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	-	-	-	-	-
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	-	-	-	-	-
Dibromochloromethane	mg/kg	0.001	ISO 17025	-	-	-	-	-
Tetrachloroethene	mg/kg	0.001	NONE	-	-	-	-	-
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	-	-	-	-	-
Chlorobenzene	mg/kg	0.001	MCERTS	-	-	-	-	-
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	-	-	-	-	-
Ethylbenzene	mg/kg	0.001	MCERTS	-	-	-	-	-
p & m-Xylene	mg/kg	0.001	MCERTS	-	-	-	-	-
Styrene	mg/kg	0.001	MCERTS	-	-	-	-	-
Tribromomethane	mg/kg	0.001	NONE	-	-	-	-	-
o-Xylene	mg/kg	0.001	MCERTS	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	-	-	-	-	-
Isopropylbenzene	mg/kg	0.001	MCERTS	-	-	-	-	-
Bromobenzene	mg/kg	0.001	MCERTS	-	-	-	-	-
n-Propylbenzene	mg/kg	0.001	ISO 17025	-	-	-	-	-
2-Chlorotoluene	mg/kg	0.001	MCERTS	-	-	-	-	-
4-Chlorotoluene	mg/kg	0.001	MCERTS	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	-	-	-	-	-
tert-Butylbenzene	mg/kg	0.001	MCERTS	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	-	-	-	-	-
sec-Butylbenzene	mg/kg	0.001	MCERTS	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	-	-	-	-	-
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	-	-	-	-	-
Butylbenzene	mg/kg	0.001	MCERTS	-	-	-	-	-

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805603	1805604	1805605	1805606	1805607
Sample Reference				CP102	CP102	CP102	CP102	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	2.50	3.00	6.00	7.65
Date Sampled				15/03/2021	15/03/2021	15/03/2021	15/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	-	-	-	-	-
Hexachlorobutadiene	mg/kg	0.001	MCERTS	-	-	-	-	-
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	-	-	-	-	-

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805603	1805604	1805605	1805606	1805607
Sample Reference				CP102	CP102	CP102	CP102	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	2.50	3.00	6.00	7.65
Date Sampled				15/03/2021	15/03/2021	15/03/2021	15/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	-	-	-	-	-
Phenol	mg/kg	0.2	ISO 17025	-	-	-	-	-
2-Chlorophenol	mg/kg	0.1	MCERTS	-	-	-	-	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-	-	-	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-	-	-	-	-
2-Methylphenol	mg/kg	0.3	MCERTS	-	-	-	-	-
Hexachloroethane	mg/kg	0.05	MCERTS	-	-	-	-	-
Nitrobenzene	mg/kg	0.3	MCERTS	-	-	-	-	-
4-Methylphenol	mg/kg	0.2	NONE	-	-	-	-	-
Isophorone	mg/kg	0.2	MCERTS	-	-	-	-	-
2-Nitrophenol	mg/kg	0.3	MCERTS	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-	-	-	-	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-	-	-	-	-
Naphthalene	mg/kg	0.05	MCERTS	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-	-	-	-	-
4-Chloroaniline	mg/kg	0.1	NONE	-	-	-	-	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-	-	-	-	-
2-Methylnaphthalene	mg/kg	0.1	NONE	-	-	-	-	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-	-	-	-	-
Dimethylphthalate	mg/kg	0.1	MCERTS	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-	-	-	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	-	-	-	-
Acenaphthene	mg/kg	0.05	MCERTS	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-	-	-	-	-
Dibenzofuran	mg/kg	0.2	MCERTS	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-	-	-	-	-
Diethyl phthalate	mg/kg	0.2	MCERTS	-	-	-	-	-
4-Nitroaniline	mg/kg	0.2	MCERTS	-	-	-	-	-
Fluorene	mg/kg	0.05	MCERTS	-	-	-	-	-
Azobenzene	mg/kg	0.3	MCERTS	-	-	-	-	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-	-	-	-	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	-	-	-	-	-
Phenanthrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Anthracene	mg/kg	0.05	MCERTS	-	-	-	-	-
Carbazole	mg/kg	0.3	MCERTS	-	-	-	-	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	-	-	-	-	-
Anthraquinone	mg/kg	0.3	MCERTS	-	-	-	-	-
Fluoranthene	mg/kg	0.05	MCERTS	-	-	-	-	-
Pyrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-	-	-	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	-	-	-	-
Chrysene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	-	-	-	-

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805603	1805604	1805605	1805606	1805607
Sample Reference				CP102	CP102	CP102	CP102	CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	2.50	3.00	6.00	7.65
Date Sampled				15/03/2021	15/03/2021	15/03/2021	15/03/2021	15/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	-	-	-

PCBs

PCB Congener 077	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 081	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 105	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 114	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 118	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 123	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 126	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 156	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 157	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 167	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 169	mg/kg	0.001	NONE	-	-	-	-	-
PCB Congener 189	mg/kg	0.001	NONE	-	-	-	-	-

Total PCBs – WHO12

Total PCBs	mg/kg	0.012	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805608	1805609
Sample Reference				CP102	CP101
Sample Number				None Supplied	None Supplied
Depth (m)				9.00	0.70
Date Sampled				15/03/2021	08/03/2021
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**		
Stone Content	%	0.1	NONE	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	10
Total mass of sample received	kg	0.001	NONE	1.2	1.2

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.5	8.0
Total Sulphate as SO4	%	0.005	MCERTS	0.025	0.034
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	110
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.012	0.055
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	12.0	55.1
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	4.1	9.0
Total Sulphur	%	0.005	MCERTS	0.008	0.013
Ammoniacal Nitrogen as NH4	mg/kg	0.5	MCERTS	0.7	< 0.5
Ammonium as NH4 (10:1 leachate equivalent)	mg/l	0.05	MCERTS	0.07	< 0.05
Organic Matter	%	0.1	MCERTS	-	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	< 2.0	< 2.0

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	-	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	-	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	-	< 0.05
Fluorene	mg/kg	0.05	MCERTS	-	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	-	< 0.05
Anthracene	mg/kg	0.05	MCERTS	-	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05
Pyrene	mg/kg	0.05	MCERTS	-	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	< 0.05
Chrysene	mg/kg	0.05	MCERTS	-	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	-	< 0.80

Analytical Report Number: 21-63069
Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805608	1805609
Sample Reference				CP102	CP101
Sample Number				None Supplied	None Supplied
Depth (m)				9.00	0.70
Date Sampled				15/03/2021	08/03/2021
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**		
Heavy Metals / Metalloids					
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	12
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	-	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	29
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	23
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	14
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	26
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	54
Magnesium (water soluble)	mg/kg	5	NONE	< 5.0	6.9
Magnesium (leachate equivalent)	mg/l	2.5	NONE	< 2.5	3.4
Monoaromatics & Oxygenates					
Benzene	mg/kg	0.001	MCERTS	-	< 0.001
Toluene	mg/kg	0.001	MCERTS	-	< 0.001
Ethylbenzene	mg/kg	0.001	MCERTS	-	< 0.001
p & m-xylene	mg/kg	0.001	MCERTS	-	< 0.001
o-xylene	mg/kg	0.001	MCERTS	-	< 0.001
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	-	< 0.001
Petroleum Hydrocarbons					
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	-	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	-	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	-	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	-	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	-	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	-	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	-	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40	mg/kg	10	NONE	-	< 10
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	-	< 10
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	-	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	-	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	-	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	-	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	-	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	-	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	-	< 10
TPH-CWG - Aromatic >EC35 - EC40	mg/kg	10	NONE	-	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	-	< 10
TPH (C35 - C40)	mg/kg	10	MCERTS	-	< 10

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Lab Sample Number				1805608	1805609
Sample Reference				CP102	CP101
Sample Number				None Supplied	None Supplied
Depth (m)				9.00	0.70
Date Sampled				15/03/2021	08/03/2021
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**		
VOCs					
Chloromethane	mg/kg	0.001	ISO 17025	-	-
Chloroethane	mg/kg	0.001	NONE	-	-
Bromomethane	mg/kg	0.001	ISO 17025	-	-
Vinyl Chloride	mg/kg	0.001	NONE	-	-
Trichlorofluoromethane	mg/kg	0.001	NONE	-	-
1,1-Dichloroethene	mg/kg	0.001	NONE	-	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	-	-
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	-	-
1,1-Dichloroethane	mg/kg	0.001	MCERTS	-	-
2,2-Dichloropropane	mg/kg	0.001	MCERTS	-	-
Trichloromethane	mg/kg	0.001	MCERTS	-	-
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	-	-
1,2-Dichloroethane	mg/kg	0.001	MCERTS	-	-
1,1-Dichloropropene	mg/kg	0.001	MCERTS	-	-
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	-	-
Benzene	mg/kg	0.001	MCERTS	-	-
Tetrachloromethane	mg/kg	0.001	MCERTS	-	-
1,2-Dichloropropane	mg/kg	0.001	MCERTS	-	-
Trichloroethene	mg/kg	0.001	MCERTS	-	-
Dibromomethane	mg/kg	0.001	MCERTS	-	-
Bromodichloromethane	mg/kg	0.001	MCERTS	-	-
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	-	-
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	-	-
Toluene	mg/kg	0.001	MCERTS	-	-
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	-	-
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	-	-
Dibromochloromethane	mg/kg	0.001	ISO 17025	-	-
Tetrachloroethene	mg/kg	0.001	NONE	-	-
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	-	-
Chlorobenzene	mg/kg	0.001	MCERTS	-	-
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	-	-
Ethylbenzene	mg/kg	0.001	MCERTS	-	-
p & m-Xylene	mg/kg	0.001	MCERTS	-	-
Styrene	mg/kg	0.001	MCERTS	-	-
Tribromomethane	mg/kg	0.001	NONE	-	-
o-Xylene	mg/kg	0.001	MCERTS	-	-
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	-	-
Isopropylbenzene	mg/kg	0.001	MCERTS	-	-
Bromobenzene	mg/kg	0.001	MCERTS	-	-
n-Propylbenzene	mg/kg	0.001	ISO 17025	-	-
2-Chlorotoluene	mg/kg	0.001	MCERTS	-	-
4-Chlorotoluene	mg/kg	0.001	MCERTS	-	-
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	-	-
tert-Butylbenzene	mg/kg	0.001	MCERTS	-	-
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	-	-
sec-Butylbenzene	mg/kg	0.001	MCERTS	-	-
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	-	-
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	-	-
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	-	-
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	-	-
Butylbenzene	mg/kg	0.001	MCERTS	-	-

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Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805608	1805609
Sample Reference				CP102	CP101
Sample Number				None Supplied	None Supplied
Depth (m)				9.00	0.70
Date Sampled				15/03/2021	08/03/2021
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**		
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	-	-
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	-	-
Hexachlorobutadiene	mg/kg	0.001	MCERTS	-	-
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	-	-

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Project / Site name: Ajax Avenue, Slough
Your Order No: DS59833

Lab Sample Number				1805608	1805609
Sample Reference				CP102	CP101
Sample Number				None Supplied	None Supplied
Depth (m)				9.00	0.70
Date Sampled				15/03/2021	08/03/2021
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**		
SVOCs					
Aniline	mg/kg	0.1	NONE	-	-
Phenol	mg/kg	0.2	ISO 17025	-	-
2-Chlorophenol	mg/kg	0.1	MCERTS	-	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-	-
2-Methylphenol	mg/kg	0.3	MCERTS	-	-
Hexachloroethane	mg/kg	0.05	MCERTS	-	-
Nitrobenzene	mg/kg	0.3	MCERTS	-	-
4-Methylphenol	mg/kg	0.2	NONE	-	-
Isophorone	mg/kg	0.2	MCERTS	-	-
2-Nitrophenol	mg/kg	0.3	MCERTS	-	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-	-
Naphthalene	mg/kg	0.05	MCERTS	-	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-	-
4-Chloroaniline	mg/kg	0.1	NONE	-	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-	-
2-Methylnaphthalene	mg/kg	0.1	NONE	-	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-	-
Dimethylphthalate	mg/kg	0.1	MCERTS	-	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	-
Acenaphthene	mg/kg	0.05	MCERTS	-	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-	-
Dibenzofuran	mg/kg	0.2	MCERTS	-	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-	-
Diethyl phthalate	mg/kg	0.2	MCERTS	-	-
4-Nitroaniline	mg/kg	0.2	MCERTS	-	-
Fluorene	mg/kg	0.05	MCERTS	-	-
Azobenzene	mg/kg	0.3	MCERTS	-	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	-	-
Phenanthrene	mg/kg	0.05	MCERTS	-	-
Anthracene	mg/kg	0.05	MCERTS	-	-
Carbazole	mg/kg	0.3	MCERTS	-	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	-	-
Anthraquinone	mg/kg	0.3	MCERTS	-	-
Fluoranthene	mg/kg	0.05	MCERTS	-	-
Pyrene	mg/kg	0.05	MCERTS	-	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	-
Chrysene	mg/kg	0.05	MCERTS	-	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	-

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Your Order No: DS59833

Lab Sample Number				1805608	1805609
Sample Reference				CP102	CP101
Sample Number				None Supplied	None Supplied
Depth (m)				9.00	0.70
Date Sampled				15/03/2021	08/03/2021
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**		
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-
PCBs					
PCB Congener 077	mg/kg	0.001	NONE	-	-
PCB Congener 081	mg/kg	0.001	NONE	-	-
PCB Congener 105	mg/kg	0.001	NONE	-	-
PCB Congener 114	mg/kg	0.001	NONE	-	-
PCB Congener 118	mg/kg	0.001	NONE	-	-
PCB Congener 123	mg/kg	0.001	NONE	-	-
PCB Congener 126	mg/kg	0.001	NONE	-	-
PCB Congener 156	mg/kg	0.001	NONE	-	-
PCB Congener 157	mg/kg	0.001	NONE	-	-
PCB Congener 167	mg/kg	0.001	NONE	-	-
PCB Congener 169	mg/kg	0.001	NONE	-	-
PCB Congener 189	mg/kg	0.001	NONE	-	-
Total PCBs – WHO12					
Total PCBs	mg/kg	0.012	NONE	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

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Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

The analysis was carried out using our documented in-house method A006-PL based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample
1805562	DS111	0.30	134	Loose Fibrous Debris	**Chrysotile**	< 0.001	**< 0.001**
1805571	DS107A	0.30	164	Loose Fibres	**Amosite**	< 0.001	**< 0.001**
1805584	DS113	0.30	150	Loose Fibres	**Chrysotile**	< 0.001	**< 0.001**
1805588	SA101	0.25	178	Bitumen	**Chrysotile**	< 0.001	**< 0.001**
1805592	TP102	0.40	134	Loose Fibres	**Chrysotile**	< 0.001	**< 0.001**

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

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Project / Site name: Ajax Avenue, Slough

Your Order No: DS59833

Lab Sample Number				1805581	1805596
Sample Reference				HP101 (ACM)	TP108 (ACM)
Sample Number				None Supplied	None Supplied
Depth (m)				0.50	0.50
Date Sampled				08/03/2021	11/03/2021
Time Taken				None Supplied	None Supplied
Analytical Parameter (Bulk Analysis)	**Units**	**Limit of detection**	**Accreditation Status**		
Asbestos Identification	Type	N/A	ISO 17025	No Asbestos Detected	No Asbestos Detected

U/S = Unsuitable Sample I/S = Insufficient Sample

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Project / Site name: Ajax Avenue, Slough

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
1805551	DS101	None Supplied	0.6	Brown clay and loam with gravel and brick.
1805552	DS101	None Supplied	1.2	Brown clay and sand.
1805553	DS102	None Supplied	0.25	Brown sandy loam with gravel and rubble.
1805554	DS102	None Supplied	0.85	Brown sandy clay.
1805555	DS104	None Supplied	0.15	Brown clay and loam with gravel and brick.
1805556	DS104	None Supplied	0.45	Brown clay and loam with gravel.
1805557	DS104	None Supplied	1	Brown clay and sand.
1805558	HP103	None Supplied	0.25	Brown loam and clay with gravel and vegetation.
1805559	CP103	None Supplied	7.5	Brown sandy clay.
1805560	CP103	None Supplied	12	Brown clay and sand.
1805561	DS116	None Supplied	0.3	Brown clay and loam with gravel.
1805562	DS111	None Supplied	0.3	Brown clay and loam with gravel.
1805563	DS109	None Supplied	0.8	Brown clay with vegetation.
1805564	DS109	None Supplied	2.5	Brown sandy clay with gravel.
1805565	DS110	None Supplied	0.4	Brown clay and sand with gravel.
1805566	DS108B	None Supplied	0.4	Brown clay and loam with gravel.
1805567	CP104	None Supplied	0.3	Brown clay and loam with gravel and vegetation.
1805568	CP104	None Supplied	0.7	Brown clay and loam with gravel.
1805569	CP104	None Supplied	3.2	Brown sand with gravel.
1805571	DS107A	None Supplied	0.3	Brown sandy loam with gravel and rubble.
1805572	DS107A	None Supplied	0.8	Brown clay and loam with gravel.
1805573	HP104	None Supplied	0.3	Brown sandy loam with gravel and vegetation.
1805574	DS115	None Supplied	0.7	Brown loam and sand with gravel.
1805575	CP104	None Supplied	7.5	Brown sandy clay.
1805576	CP105	None Supplied	0.15	Brown sandy clay with gravel.
1805577	CP105	None Supplied	2.7	Brown sandy gravel.**
1805578	CP105	None Supplied	8.2	Brown clay.
1805579	CP102	None Supplied	0.28	Brown sandy gravel.**
1805580	CP102	None Supplied	12.5	Brown clay.
1805582	HP101	None Supplied	0.4	Brown loam and sand with gravel and vegetation.
1805584	DS113	None Supplied	0.3	Brown loam and sand with gravel and vegetation.
1805585	DS113	None Supplied	0.8	Brown loam and sand with gravel and vegetation.
1805586	SA102	None Supplied	0.4	Brown clay and loam with gravel.
1805587	SA102	None Supplied	0.55	Brown sandy clay with gravel.
1805588	SA101	None Supplied	0.25	Brown sandy clay with gravel.
1805589	SA101	None Supplied	0.6	Brown sandy clay with gravel.
1805590	SA104	None Supplied	0.3	Brown clay and loam with gravel.
1805591	SA103	None Supplied	0.4	Brown loam and sand with gravel.
1805592	TP102	None Supplied	0.4	Brown gravelly clay.
1805593	TP104	None Supplied	0.4	Brown sandy gravel.**
1805594	TP110	None Supplied	0.3	Brown sandy clay with gravel.
1805595	TP106	None Supplied	0.5	Brown loam and clay with gravel.
1805597	TP108	None Supplied	1	Brown sandy clay with gravel.
1805598	TP107	None Supplied	1	Brown sandy clay with gravel.
1805600	DS103	None Supplied	1	Brown sandy gravel.**
1805601	TP109	None Supplied	0.5	Brown clay and loam with gravel.
1805602	CP102	None Supplied	0.5	Brown sandy clay.
1805603	CP102	None Supplied	1.5	Brown sandy clay.
1805604	CP102	None Supplied	2.5	Brown sandy clay with gravel.
1805605	CP102	None Supplied	3	Brown sandy clay with gravel.
1805606	CP102	None Supplied	6	Brown sand with gravel.
1805607	CP102	None Supplied	7.65	Brown clay and sand.
1805608	CP102	None Supplied	9	Brown sandy clay with gravel.
1805609	CP101	None Supplied	0.7	Brown sandy clay.

**Non MCERTS Matrix

Analytical Report Number : 21-63069
Project / Site name: Ajax Avenue, Slough

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in Bulks	Asbestos Identification in bulk material with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	W	ISO 17025
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Magnesium, water soluble, in soil	Determination of water soluble magnesium by extraction with water followed by ICP-OES.	In-house method based on TRL 447	L038-PL	D	NONE
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds in soil by extraction in dichloromethane and hexane followed by GC-MS.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Ammonium as NH4 in soil	Determination of Ammonium/Ammonia/ Ammoniacal Nitrogen by the colorimetric salicylate/nitroprusside method, 10:1 water extraction.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L082-PL	W	MCERTS
TPH Chromatogram in Soil	TPH Chromatogram in Soil.	In-house method	L064-PL	D	NONE
TPH in (Soil)	Determination of TPH bands by HS-GC-MS/GC-FID	In-house method, TPH with carbon banding and silica gel split/cleanup.	L076-PL	D	NONE
PCBs WHO 12 in soil	Determination of PCBs (WHO-12 Congeners) by GC-MS.	In-house method based on USEPA 8082	L027-PL	D	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS

Analytical Report Number : 21-63069
Project / Site name: Ajax Avenue, Slough

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references.	HSE Report No: 83/1996, HSG 248, HSG 264 & SCA Blue Book (draft).	A006-PL	D	ISO 17025
Total Sulphate in soil as %	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Total Sulphur in soil as %	Determination of total sulphur in soil by extraction with aqua-regia, potassium bromide/bromate followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
Water Soluble Nitrate (2:1) as N in soil	Determination of nitrate by reaction with sodium salicylate and colorimetry.	In-house method based on Examination of Water and Wastewatern & Polish Standard Method PN-82/C-04579.08, 2:1 extraction.	L078-PL	W	NONE
Chloride, water soluble, in soil	Determination of Chloride colorimetrically by discrete analyser.	In house method.	L082-PL	D	MCERTS
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.
For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Sample Deviation Report

Analytical Report Number : 21-63069
Project / Site name: Ajax Avenue, Slough

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
TP106	None Supplied	S	1805595	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
TP106	None Supplied	S	1805595	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
TP106	None Supplied	S	1805595	b	Speciated EPA-16 PAHs in soil	L064-PL	b
TP106	None Supplied	S	1805595	b	TPH Chromatogram in Soil	L064-PL	b
TP106	None Supplied	S	1805595	b	TPH in (Soil)	L076-PL	b
TP106	None Supplied	S	1805595	b	TPHCWG (Soil)	L088/76-PL	b

Appendix K – Groundwater Chemical Analysis Results

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Analytical Report Number : 21-65094

Project / Site name:	Ajax Avenue, Slough	**Samples received on:**	25/03/2021
Your job number:	21-0205.01	**Samples instructed on/ Analysis started on:**	25/03/2021
Your order number:	DS60052	**Analysis completed by:**	01/04/2021
Report Issue Number:	1	**Report issued on:**	01/04/2021
Samples Analysed:	5 water samples		

Signed: Karolina Marek

Karolina Marek
PL Head of Reporting Team
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils - 4 weeks from reporting
leachates - 2 weeks from reporting
waters - 2 weeks from reporting
asbestos - 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 21-65094
Project / Site name: Ajax Avenue, Slough

Your Order No: DS60052

Lab Sample Number				1817072	1817073	1817074	1817075	1817076
Sample Reference				CP101	CP102	CP103	CP104	CP105
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				6.00	6.00	6.00	6.00	6.00
Date Sampled				25/03/2021	25/03/2021	25/03/2021	25/03/2021	25/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
General Inorganics								
pH	pH Units	N/A	ISO 17025	7.0	7.1	7.0	7.3	7.4
Sulphate as SO4	µg/l	45	ISO 17025	35900	46700	59300	35100	47000
Speciated PAHs								
Naphthalene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluorene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chrysene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(b)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(k)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibenz(a,h)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(ghi)perylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total PAH								
Total EPA-16 PAHs	µg/l	0.16	ISO 17025	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Heavy Metals / Metalloids								
Chromium (hexavalent)	µg/l	5	ISO 17025	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Arsenic (dissolved)	µg/l	0.15	ISO 17025	0.29	0.38	0.27	0.68	0.48
Cadmium (dissolved)	µg/l	0.02	ISO 17025	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chromium (dissolved)	µg/l	0.2	ISO 17025	1.7	1.9	1.9	2.0	1.9
Copper (dissolved)	µg/l	0.5	ISO 17025	3.4	2.8	2.2	1.8	2.7
Lead (dissolved)	µg/l	0.2	ISO 17025	< 0.2	0.2	< 0.2	< 0.2	< 0.2
Mercury (dissolved)	µg/l	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nickel (dissolved)	µg/l	0.5	ISO 17025	1.6	1.4	2.3	3.1	5.0
Zinc (dissolved)	µg/l	0.5	ISO 17025	3.7	7.1	2.7	5.0	3.8
Monoaromatics & Oxygenates								
Benzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Analytical Report Number: 21-65094
Project / Site name: Ajax Avenue, Slough

Your Order No: DS60052

Lab Sample Number				1817072	1817073	1817074	1817075	1817076
Sample Reference				CP101	CP102	CP103	CP104	CP105
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				6.00	6.00	6.00	6.00	6.00
Date Sampled				25/03/2021	25/03/2021	25/03/2021	25/03/2021	25/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >C5 - C6	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >C6 - C8	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >C8 - C10	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic >C10 - C12	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
Aliphatic >C12 - C16	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
Aliphatic >C16 - C21	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
Aliphatic >C21 - C35	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
Aliphatic >C10 - C35	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >C5 - C7	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C7 - C8	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C8 - C10	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic >C10 - C12	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
Aromatic >C12 - C16	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
Aromatic >C16 - C21	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
Aromatic >C21 - C35	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
Aromatic >C10 - C35	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
VOCs								
Chloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	µg/l	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	µg/l	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cis-1,2-dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,2-dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cis-1,3-dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromoethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Analytical Report Number: 21-65094
Project / Site name: Ajax Avenue, Slough

Your Order No: DS60052

Lab Sample Number				1817072	1817073	1817074	1817075	1817076
Sample Reference				CP101	CP102	CP103	CP104	CP105
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				6.00	6.00	6.00	6.00	6.00
Date Sampled				25/03/2021	25/03/2021	25/03/2021	25/03/2021	25/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
1,1,1,2-Tetrachloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-Xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyltoluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

SVOCs

Aniline	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroethyl)ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroisopropyl)ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroethoxy)methane	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2,4-Dichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,5-Trichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Analytical Report Number: 21-65094
Project / Site name: Ajax Avenue, Slough

Your Order No: DS60052

Lab Sample Number				1817072	1817073	1817074	1817075	1817076
Sample Reference				CP101	CP102	CP103	CP104	CP105
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				6.00	6.00	6.00	6.00	6.00
Date Sampled				25/03/2021	25/03/2021	25/03/2021	25/03/2021	25/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Dimethylphthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2,4-Dinitrotoluene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenyl phenyl ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Azobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromophenyl phenyl ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbazole	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibutyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthraquinone	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butyl benzyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chrysene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(b)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(k)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibenz(a,h)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(ghi)perylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
3&4-Methylphenol	µg/l	0.1	NONE	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

U/S = Unsuitable Sample I/S = Insufficient Sample

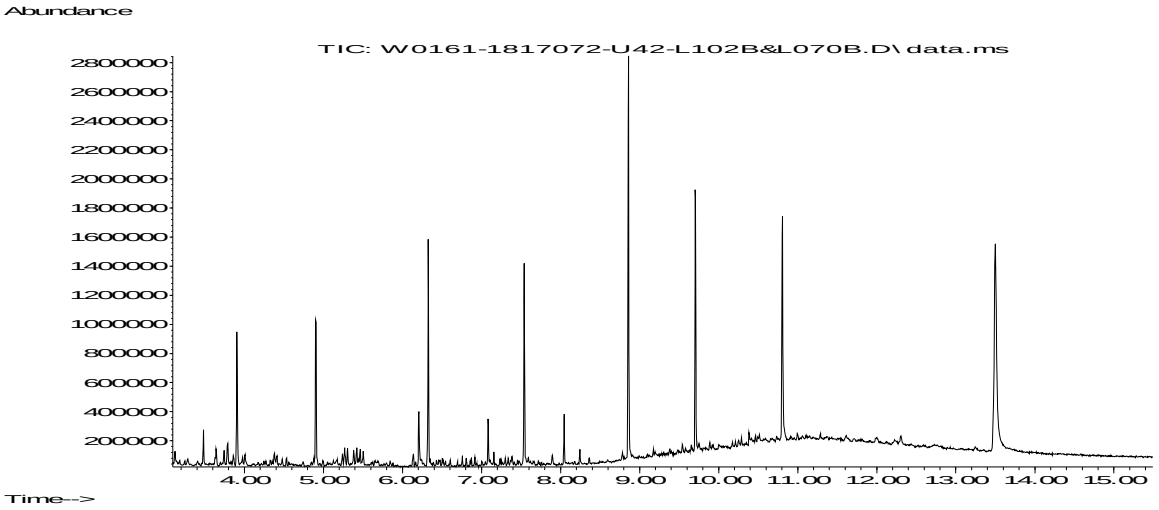
Analytical Report Number : 21-65094
Project / Site name: Ajax Avenue, Slough

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Metals in water by ICP-MS (dissolved)	Determination of metals in water by acidification followed by ICP-MS. Accredited Matrices: SW, GW, PW except B=SW,GW, Hg=SW,PW, Al=SW,PW.	In-house method based on USEPA Method 6020 & 200.8 "for the determination of trace elements in water by ICP-MS.	L012-PL	W	ISO 17025
Hexavalent chromium in water	Determination of hexavalent chromium in water by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method by continuous flow analyser. Accredited Matrices SW, GW, PW.	L080-PL	W	ISO 17025
Speciated EPA-16 PAHs in water	Determination of PAH compounds in water by extraction in dichloromethane followed by GC-MS with the use of surrogate and internal standards. Accredited matrices: SW PW GW	In-house method based on USEPA 8270	L102B-PL	W	ISO 17025
Sulphate in water	Determination of sulphate in water by acidification followed by ICP-OES. Accredited matrices: SW PW GW, PrW.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L039-PL	W	ISO 17025
Semi-volatile organic compounds in water	Determination of semi-volatile organic compounds in leachate by extraction in dichloromethane followed by GC-MS.	In-house method based on USEPA 8270	L102B-PL	W	NONE
TPHCWG (Waters)	Determination of dichloromethane extractable hydrocarbons in water by GC-MS, speciation by interpretation.	In-house method	L070-PL	W	ISO 17025
Volatile organic compounds in water	Determination of volatile organic compounds in water by headspace GC-MS. Accredited matrices: SW PW GW	In-house method based on USEPA8260	L073B-PL	W	ISO 17025
TPH C10-C35 by GCxGC-FID	Determination of total petroleum hydrocarbons in water by GC x GC FID with carbon banding aliphatic and aromatic C10-C35. Accredited Matrices SW,GW,PW.	In-house method	L101B-PL	W	ISO 17025
BTEX and MTBE in water (Monoaromatics)	Determination of BTEX and MTBE in water by headspace GC-MS. Accredited matrices: SW PW GW	In-house method based on USEPA8260	L073B-PL	W	ISO 17025
TPH Chromatogram in Water	TPH Chromatogram in Water.	In-house method	L070-PL	W	NONE
pH at 20oC in water (automated)	Determination of pH in water by electrometric measurement. Accredited matrices: SW PW GW	In house method.	L099-PL	W	ISO 17025

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.
For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.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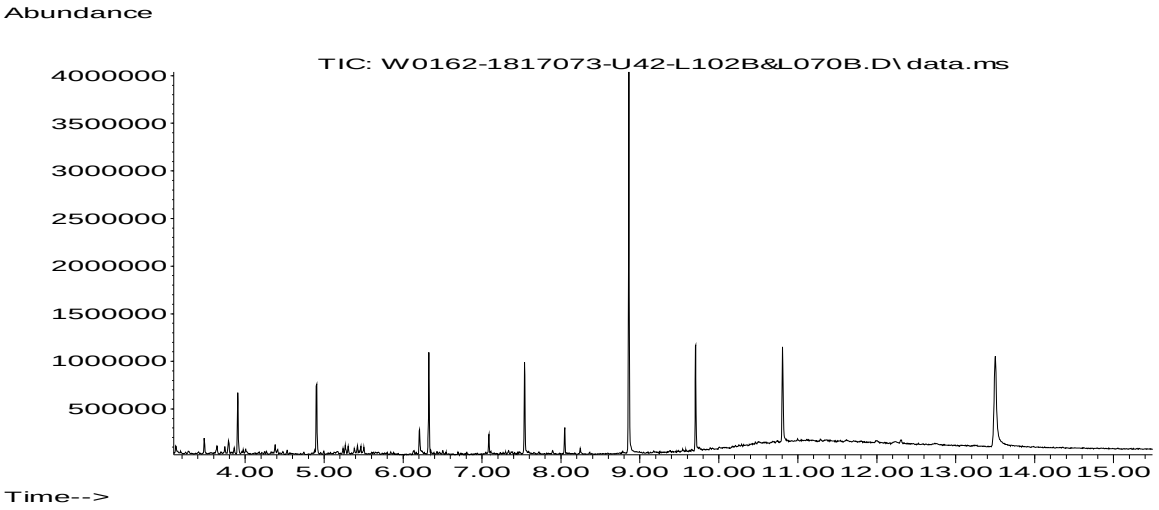
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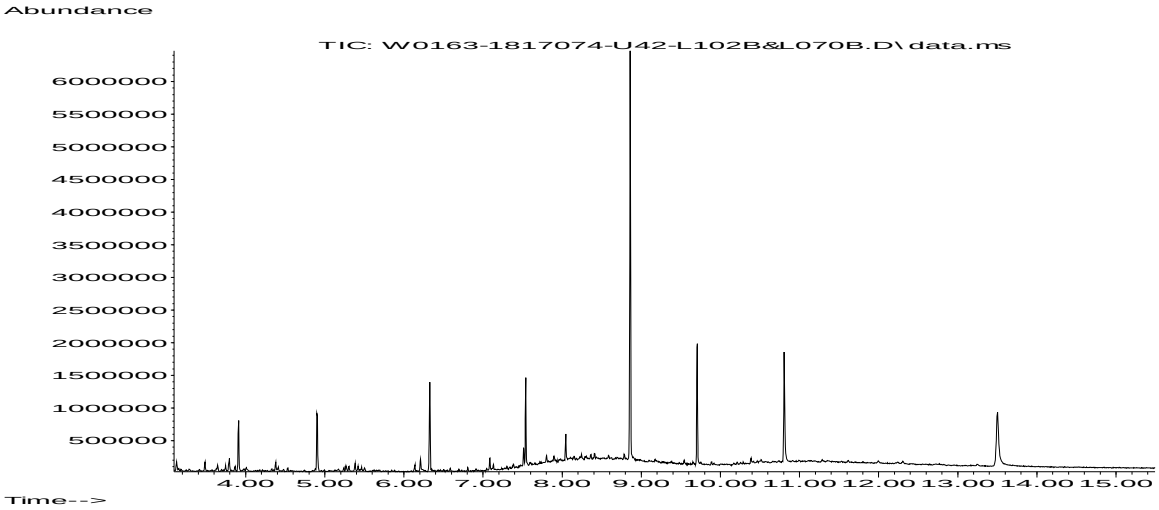
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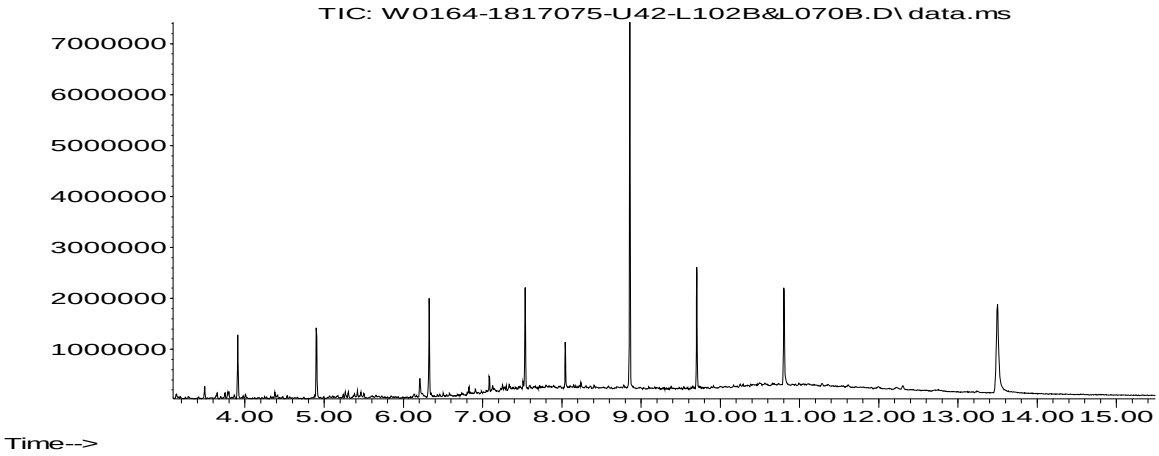
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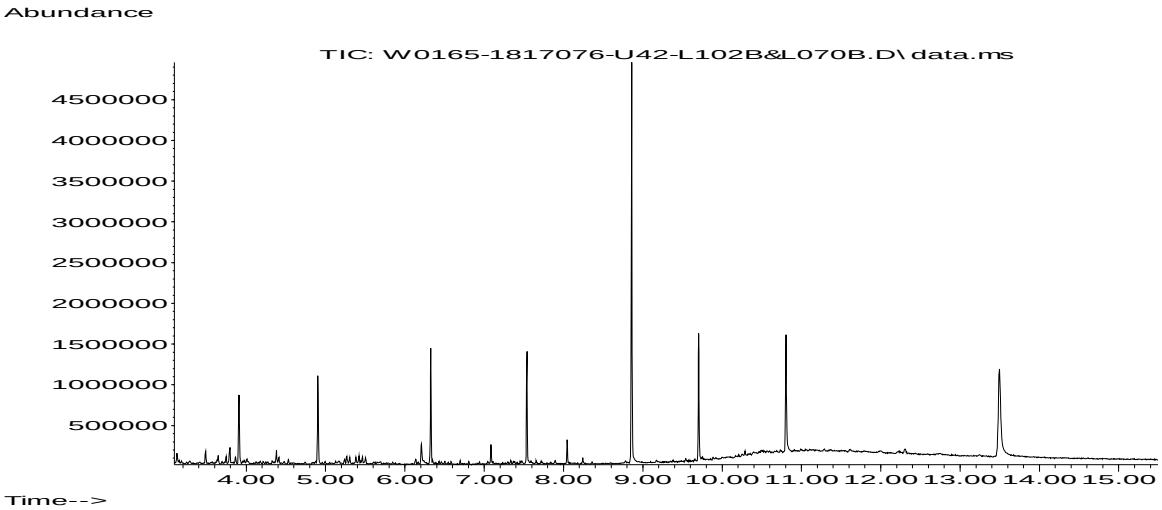
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Appendix L – Field Monitoring Data/Gas Monitoring Data/Falling Head Test Data

Site Name	651-664 Ajax Avenue	Job number	21-0205.01	WEATHER	Start	End
				Time	9.55	4
Client	SEGRO	Recorded by	HB	Weather (dry/rain/snow/ice)	Dry	Dry
				Pressure (mb)	1019.00	1019.00
Date (DD/MM/YYYY)	25/03/2021			Risking/Falling Trend	Rising	
Gas Analyser	GA2000 (GSOU-LON) - GA10648	Visit Number	1	Wind Speed (m/s)	10.00	10.00
Readings at start	CH_4 (% v/v) <0.1	CO_2 (% v/v) <0.1	O_2 (% v/v) 21.1	H_2S (ppm) <0.1	Wind Dir. (From)	SW	SW
General comments					Temperature °C	12.00	
					SWL Measured from	Ground Level	

Ref	GROUND GAS													GROUNDWATER			Notes
	Flow		CH_4		CO_2		O_2		H_2S	CO	VOC	Differential (Relative) Pressure	Atmos. Pressure	Depth to free product	Depth to water	Depth to base	(e.g. water colour, sheen, odour, damage to well or gas tap, flooded ground etc.) $ For **Depth to water** state **Depth to water or Dry or NR (= Not Recorded - provide reason if monitoring was intended)** # For Depth to Product state **ND (= Not detected - product looked for but absent) or NR (= Not Recorded - instrument used unable to detect product)**
	l/hr		% v/v		% v/v		% v/v		ppm			mb	mb	m	m	m	
	Max	Steady	Max	Steady	Max	Steady	Min	Steady	Max	Max	Max						
	The formulae require that only numbers, "<0.1" for ground gas and flow or "DRY" for groundwater are entered in the sheet																
CP101	<0.1	<0.1	<0.1	<0.1	0.2	0.2	20.1	20.1	<0.1	<0.1	6.0	0.3	1019	NR	5.25	7.59	
CP102	-0.1	-0.1	<0.1	<0.1	0.2	0.2	20.2	20.2	<0.1	<0.1	1.0	0.3	1019	NR	5.33	7.83	
CP103	<0.1	<0.1	<0.1	<0.1	0.1	0.1	19.8	19.8	<0.1	<0.1	1.3	0.3	1019	NR	5.00	14.53	
CP104	0.1	0.1	<0.1	<0.1	1.7	1.7	17.3	17.3	<0.1	<0.1	6.6	0.3	1019	NR	4.69	7.97	
CP105	<0.1	<0.1	<0.1	<0.1	12.7	9.1	5.0	5.0	<0.1	1.0	9.6	0.3	1019	NR	4.14	7.88	
DS101	<0.1	<0.1	<0.1	<0.1	1.5	1.5	15.2	15.2	<0.1	<0.1	<0.1	0.3	1019	NR	DRY	2.61	
DS102	-0.4	-0.1	<0.1	<0.1	0.8	0.8	16.6	16.6	<0.1	<0.1	0.1	0.3	1019	NR	DRY	2.40	
DS103	<0.1	<0.1	<0.1	<0.1	0.8	0.8	19.9	19.9	<0.1	<0.1	<0.1	0.3	1019	NR	DRY	3.80	
DS104	<0.1	<0.1	<0.1	<0.1	2.3	2.3	19.3	19.3	<0.1	<0.1	<0.1	0.3	1019	NR	DRY	3.69	
DS105	-0.3	-0.3	<0.1	<0.1	0.4	0.4	20.4	20.4	<0.1	<0.1	2.1	0.3	1019	NR	DRY		
DS106	-0.2	-0.2	<0.1	<0.1	0.1	0.1	21.4	21.4	<0.1	<0.1	1.3	0.3	1019	NR	DRY		Couldn't remove bung
DS107A	<0.1	<0.1	<0.1	<0.1	0.1	0.1	21.1	21.1	<0.1	<0.1	0.4	0.3	1019	NR	DRY		
DS108B	<0.1	<0.1	<0.1	<0.1	1.4	1.4	18.6	18.6	<0.1	<0.1	1.6	0.3	1019	NR	DRY	2.99	
DS109	<0.1	<0.1	<0.1	<0.1	0.5	0.5	20.1	20.1	<0.1	<0.1	0.1	0.3	1019	NR	DRY	3.41	
DS110	<0.1	<0.1	<0.1	<0.1	3.7	3.7	13.5	13.5	<0.1	<0.1	0.5	0.3	1019	NR	DRY	2.94	
DS111	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	17.5	17.5	<0.1	<0.1	2.1	0.3	1019	NR	DRY	2.88	
DS112	-0.3	-0.3	<0.1	<0.1	2.6	2.6	17.1	17.2	<0.1	<0.1	<0.1	0.3	1019	NR	DRY	2.81	
DS113	-0.2	-0.2	<0.1	<0.1	2.6	2.6	19.0	19.0	<0.1	<0.1	<0.1	0.3	1019	NR	DRY	2.25	
DS114	<0.1	<0.1	<0.1	<0.1	0.6	0.6	19.3	19.3	<0.1	<0.1	<0.1	0.3	1019	NR	DRY	2.91	Bung open
DS115	-0.3	-0.3	<0.1	<0.1	0.2	0.2	20.7	20.8	<0.1	<0.1	<0.1	0.3	1019	NR	DRY	2.70	Bung open
DS116	-0.1	-0.1	<0.1	<0.1	0.2	0.2	20.6	20.6	<0.1	<0.1	0.4	0.3	1019	NR	DRY	3.90	

deltasimons

Site Name	651-664 Ajax Avenue	Job number	21-0205.01	WEATHER	Start	End
				Time	9	1.30
Client	SEGRO	Recorded by	HB	Weather (dry/rain/snow/ice)	DRY	DRY
				Pressure (mb)	1019.00	1019.00
Date (DD/MM/YYYY)	31/03/2021			Risking/Falling Trend	Rising	
Gas Analyser	GA2000 (GSOU-LON) - GA10648	Visit Number	2	Wind Speed (m/s)	2.00	3.00
Readings at start	CH_4 (% v/v) <0.1	CO_2 (% v/v) <0.1	O_2 (% v/v) 20.8	H_2S (ppm) <0.1	Wind Dir. (From)	North	North
General comments					Temperature °C	14.00	
					SWL Measured from	Ground Level	

Ref	GROUND GAS													GROUNDWATER			Notes
	Flow		CH_4		CO_2		O_2		H_2S	CO	VOC	Differential (Relative) Pressure	Atmos. Pressure	Depth to free product	Depth to water	Depth to base	(e.g. water colour, sheen, odour, damage to well or gas tap, flooded ground etc.) $ For **Depth to water** state **Depth to water or Dry or NR (= Not Recorded - provide reason if monitoring was intended)** # For Depth to Product state **ND (= Not detected - product looked for but absent) or NR (= Not Recorded - instrument used unable to detect product)**
	l/hr		% v/v		% v/v		% v/v		ppm			mb	mb	m	m	m	
	Max	Steady	Max	Steady	Max	Steady	Min	Steady	Max	Max	Max						
	The formulae require that only numbers, "<0.1" for ground gas and flow or "DRY" for groundwater are entered in the sheet																
CP101	-0.4	-0.4	<0.1	<0.1	0.9	0.9	20.0	20.0	<0.1	<0.1	<0.1	0.4	1019	NR	5.29	7.61	
CP102	-0.4	-0.4	<0.1	<0.1	0.5	0.5	19.4	19.4	<0.1	<0.1	<0.1	0.4	1019	NR	5.38	7.88	
CP103	-1.3	-0.4	<0.1	<0.1	0.8	0.8	17.7	17.7	<0.1	<0.1	<0.1	0.4	1019	NR	5.04	14.44	
CP104	-0.5	-0.5	<0.1	<0.1	1.4	1.4	17.8	17.8	<0.1	<0.1	<0.1	0.4	1019	NR	4.76	7.98	
CP105	-0.5	-0.5	<0.1	<0.1	6.1	6.1	9.5	9.5	<0.1	<0.1	<0.1	0.4	1019	NR	4.14	7.88	
DS101	-0.4	-0.4	<0.1	<0.1	<0.1	<0.1	21.3	21.3	<0.1	<0.1	<0.1	0.4	1019	NR	DRY	2.61	
DS102	-0.4	-0.4	<0.1	<0.1	1.1	1.1	14.8	14.8	<0.1	<0.1	2.2	0.4	1019	NR	DRY	2.40	
DS103	-0.4	-0.4	<0.1	<0.1	0.8	0.8	20.3	20.3	<0.1	<0.1	1.7	0.4	1019	NR	DRY	2.83	
DS104	-0.4	-0.4	<0.1	<0.1	1.5	1.5	19.2	19.2	<0.1	<0.1	<0.1	0.4	1019	NR	DRY	3.69	
DS105	-0.4	-0.4	<0.1	<0.1	0.9	0.9	19.7	19.7	<0.1	<0.1	7.6	0.4	1019	NR	DRY	2.95	
DS106	-0.4	-0.4	<0.1	<0.1	0.1	0.1	21.0	21.0	<0.1	<0.1	<0.1	0.4	1019	NR			Couldn't remove bung for water depths
DS107A	-0.5	-0.5	<0.1	<0.1	0.5	0.5	19.9	19.9	<0.1	<0.1	<0.1	0.4	1019	NR	DRY	2.90	
DS108B	-0.4	-0.4	<0.1	<0.1	1.4	1.4	18.6	18.6	<0.1	<0.1	1.4	0.4	1019	NR	DRY	3.00	
DS109	-0.4	-0.4	<0.1	<0.1	0.4	0.4	19.5	19.5	<0.1	<0.1	<0.1	0.4	1019	NR	DRY	3.38	
DS110	-0.4	-0.4	<0.1	<0.1	1.9	1.9	16.0	16.0	<0.1	<0.1	<0.1	0.4	1019	NR	DRY	2.94	
DS111	-0.4	-0.4	<0.1	<0.1	<0.1	<0.1	20.3	20.3	<0.1	<0.1	<0.1	0.4	1019	NR	DRY	2.90	
DS112	-0.4	-0.4	<0.1	<0.1	1.0	1.0	19.6	19.6	<0.1	<0.1	<0.1	0.4	1019	NR	DRY	2.81	
DS113	-0.4	-0.4	<0.1	<0.1	<0.1	<0.1	21.3	21.3	<0.1	<0.1	<0.1	0.4	1019	NR	DRY	2.26	
DS114	-0.4	-0.4	<0.1	<0.1	0.9	0.9	18.6	18.6	<0.1	<0.1	1.2	0.4	1019	NR	DRY	2.93	
DS115	-0.4	-0.4	<0.1	<0.1	0.3	0.3	20.3	20.3	<0.1	<0.1	1.5	0.4	1019	NR	DRY	2.70	
DS116	-0.4	-0.4	<0.1	<0.1	0.2	0.2	19.9	19.9	<0.1	<0.1	<0.1	0.4	1019	NR	DRY	2.91	

Site Name	651-664 Ajax Avenue									Job number	21-0205.01	WEATHER	Start	End
												Time	9.16	1.30
Client	SEGRO									Recorded by	HB	Weather (dry/rain/snow/ice)	Dry	Dry
												Pressure (mb)	1022.00	1022.00
Date (DD/MM/YYYY)	08/04/2021											Risking/Falling Trend	Falling	
Gas Analyser	GA2000 (GSOU-LON) - GA10648									Visit Number	3	Wind Speed (m/s)	8.00	6.00
Readings at start	CH_4 (% v/v)	-0.1	CO_2 (% v/v)	<0.1	O_2 (% v/v)	20.1	H_2S (ppm)	<0.1				Wind Dir. (From)	SW	SW
General comments	No access was made available for internal locations. CP101, DS101, DS105, DS112, DS114 and DS115 were therfore subjected to an additional round of monitoring undertaken 22nd April 2021											Temperature °C	4.00	
												SWL Measured from	Ground Level	

Ref	GROUND GAS													GROUNDWATER			Notes
	Flow		CH_4		CO_2		O_2		H_2S	CO	VOC	Differential (Relative) Pressure	Atmos. Pressure	Depth to free product	Depth to water	Depth to base	(e.g. water colour, sheen, odour, damage to well or gas tap, flooded ground etc.) $ For **Depth to water** state **Depth to water or Dry or NR (= Not Recorded - provide reason if monitoring was intended)** # For Depth to Product state **ND (= Not detected - product looked for but absent) or NR (= Not Recorded - instrument used unable to detect product)**
	l/hr		% v/v		% v/v		% v/v		ppm			mb	mb	m	m	m	
	Max	Steady	Max	Steady	Max	Steady	Min	Steady	Max	Max	Max						
	The formulae require that only numbers, "<0.1" for ground gas and flow or "DRY" for groundwater are entered in the sheet																
CP101																	No access available
CP102	<0.1	<0.1	<0.1	<0.1	0.1	0.1	20.1	20.1	<0.1	<0.1	<0.1	0.0	1021.0	NR	5.4	7.85	
CP103	-0.1	-0.1	<0.1	<0.1	0.2	0.2	19.4	19.4	<0.1	<0.1	<0.1	0.0	1021.0	NR	5.1	14.39	
CP104	<0.1	-0.1	<0.1	<0.1	0.7	0.7	18.9	18.9	<0.1	<0.1	0.2	0.0	1021.0	NR	4.8	7.99	
CP105	<0.1	<0.1	<0.1	<0.1	9.1	9.1	5.4	5.4	<0.1	<0.1	<0.1	0.0	1021.0	NR	4.2	7.89	
DS101																	No access available
DS102	-0.3	-0.4	<0.1	<0.1	0.4	0.4	18.2	18.2	<0.1	<0.1	<0.1	0.0	1021.0	NR	DRY	2.40	
DS103	-0.3	-0.3	<0.1	<0.1	0.8	0.8	19.1	19.1	<0.1	<0.1	<0.1	0.0	1021.0	NR	DRY	2.80	
DS104	<0.1	<0.1	<0.1	<0.1	2.0	2.0	18.2	18.2	<0.1	<0.1	<0.1	0.0	1021.0	NR	DRY	3.69	
DS105																	No access available
DS106	-0.1	-0.1	<0.1	<0.1	2.5	2.5	12.5	12.5	<0.1	<0.1	0.3	0.0	1021.0				Bung couldn't be removed
DS107A	-0.1	-0.3	<0.1	<0.1	0.4	0.4	19.9	19.9	<0.1	<0.1	<0.1	0.0	1021.0	NR	DRY	2.91	
DS108B	-0.1	-0.3	<0.1	<0.1	2.8	2.8	18.0	18.0	<0.1	<0.1	0.5	0.0	1021.0	NR	DRY	2.99	
DS109	-0.1	-0.3	<0.1	<0.1	<0.1	<0.1	20.2	20.2	<0.1	<0.1	<0.1	0.0	1021.0	NR	DRY	3.41	
DS110	<0.1	<0.1	<0.1	<0.1	0.6	0.6	19.0	19.0	<0.1	<0.1	<0.1	0.0	1021.0	NR	DRY	2.97	
DS111	<0.1	<0.1	<0.1	<0.1	0.1	0.1	20.0	20.0	<0.1	<0.1	<0.1	0.0	1021.0	NR	DRY	2.86	
DS112																	No access available
DS113	-0.1	-0.3	<0.1	<0.1	2.6	2.6	18.1	18.1	<0.1	<0.1	<0.1	0.0	1021.0	NR	DRY	2.27	
DS114																	No access available
DS115																	No access available
DS116	<0.1	-0.1	<0.1	<0.1	0.4	0.4	19.7	19.7	<0.1	<0.1	<0.1	0.0	1021.0	NR	DRY	2.89	

Site Name	651-664 Ajax Avenue	Job number	21-0205.01
Client	SEGRO	Recorded by	HB
Date (DD/MM/YYYY)	15/04/2021		
Gas Analyser	GFM436 (Gas Kit 4-GSOU-LIN) - 11030	Visit Number	4

Readings at start	CH_4 (% v/v)	-0.1	CO_2 (% v/v)	<0.1	O_2 (% v/v)	20.1	H_2S (ppm)	<0.1	
General comments									

WEATHER	Start	End
Time	9.38	13.00
Weather (dry/rain/snow/ice)	Dry cold	Dry cold
Pressure (mb)	1034.00	1034.00
Risking/Falling Trend	Rising	
Wind Speed (m/s)	7.00	7.00
Wind Dir. (From)	NE	NE
Temperature °c	7.00	
SWL Measured from	Ground Level	

Ref	GROUND GAS													GROUNDWATER			Notes
	Flow		CH_4		CO_2		O_2		H_2S	CO	VOC	Differential (Relative) Pressure	Atmos. Pressure	Depth to free product	Depth to water	Depth to base	(e.g. water colour, sheen, odour, damage to well or gas tap, flooded ground etc.) $ For **Depth to water** state **Depth to water or Dry or NR (= Not Recorded - provide reason if monitoring was intended)** # For Depth to Product state **ND (= Not detected - product looked for but absent) or NR (= Not Recorded - instrument used unable to detect product)**
	l/hr		% v/v		% v/v		% v/v		ppm			mb	mb	m	m	m	
	Max	Steady	Max	Steady	Max	Steady	Min	Steady	Max	Max	Max						
	The formulae require that only numbers, "<0.1" for ground gas and flow or "DRY" for groundwater are entered in the sheet																
CP101																	Borehole location could not be accessed.
CP102	<0.1	<0.1	<0.1	<0.1	1.0	1.0	17.4	17.4	<0.1	<0.1	<0.1	0.0	1034.0	NR	5.44	7.85	
CP103	<0.1	<0.1	<0.1	<0.1	0.4	0.4	17.5	17.5	<0.1	<0.1	2.6	0.0	1034.0	NR	5.10	14.35	
CP104	<0.1	<0.1	<0.1	<0.1	0.4	0.4	19.7	19.7	<0.1	<0.1	<0.1	0.0	1034.0	NR	4.80	7.97	
CP105	<0.1	<0.1	<0.1	<0.1	7.3	7.3	8.1	8.1	<0.1	<0.1	<0.1	0.0	1034.0	NR	4.23	7.86	
DS101	<0.1	<0.1	<0.1	<0.1	1.4	1.4	14.8	14.8	<0.1	<0.1	<0.1	0.0	1034.0	NR	DRY	2.61	
DS102	<0.1	<0.1	<0.1	<0.1	0.3	0.3	18.7	18.7	<0.1	<0.1	0.4	0.0	1034.0	NR	DRY	2.40	
DS103	-2.0	-2.0	<0.1	<0.1	0.2	0.2	19.4	19.4	<0.1	<0.1	0.3	0.0	1034.0	NR	DRY	2.83	
DS104	<0.1	<0.1	<0.1	<0.1	1.9	1.9	18.2	18.2	<0.1	<0.1	<0.1	0.0	1034.0	NR	DRY	3.69	
DS105	<0.1	<0.1	<0.1	<0.1	1.2	1.2	18.5	18.5	<0.1	<0.1	5.2	0.0	1034.0	NR	DRY	2.95	
DS106	<0.1	<0.1	<0.1	<0.1	2.9	2.9	12.9	12.9	<0.1	<0.1	0.7	0.0	1034.0				Bung stuck
DS107A	<0.1	<0.1	<0.1	<0.1	0.9	0.9	18.8	18.8	<0.1	<0.1	<0.1	0.0	1034.0	NR	DRY	2.90	
DS108B	<0.1	<0.1	<0.1	<0.1	2.4	2.4	18.3	18.3	<0.1	<0.1	0.8	0.0	1034.0	NR	DRY	3.00	
DS109	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	20.4	20.4	<0.1	<0.1	<0.1	0.0	1034.0	NR	DRY	3.38	
DS110	<0.1	<0.1	<0.1	<0.1	3.8	3.8	13.4	13.4	<0.1	<0.1	<0.1	0.0	1034.0	NR	DRY	2.94	
DS111	<0.1	<0.1	<0.1	<0.1	0.1	0.1	20.2	20.2	<0.1	<0.1	<0.1	0.0	1034.0	NR	DRY	2.90	
DS112															DRY	2.81	Borehole location could not be accessed.
DS113	<0.1	<0.1	<0.1	<0.1	2.4	2.4	18.2	18.2	<0.1	<0.1	<0.1	0.0	1034.0	NR	DRY	2.26	
DS114	<0.1	<0.1	<0.1	<0.1	0.8	0.8	17.9	17.9	<0.1	<0.1	4.3	0.0	1034.0	NR	DRY	2.93	
DS115	<0.1	<0.1	<0.1	<0.1	0.6	0.6	18.9	18.9	<0.1	<0.1	1.6	0.0	1034.0	NR	DRY	2.70	
DS116	<0.1	<0.1	<0.1	<0.1	0.4	0.4	19.5	19.5	<0.1	<0.1	<0.1	0.0	1034.0	NR	DRY	2.91	

Site Name	651-664 Ajax Avenue	Job number	21-0205.01	WEATHER	Start	End
				Time	11:25	12:15
Client	SEGRO	Recorded by	TA + JS	Weather (dry/rain/snow/ice)	Dry	Dry
				Pressure (mb)	1027.00	1026.00
Date (DD/MM/YYYY)	22/04/2021			Risking/Falling Trend	Rising	
Gas Analyser	GFM436 (Gas Kit 2-GSOU-NOT) - 12788	Visit Number		Wind Speed (m/s)	4.02	3.50
Readings at start	CH_4 (% v/v) <0.1	CO_2 (% v/v) <0.1	O_2 (% v/v) 20.6	H_2S (ppm) <0.1	Wind Dir. (From)	E	End
General comments	Monitoring of boreholes inaccessible during Round 3				Temperature °C	12.00	
					SWL Measured from	Ground Level	

Ref	GROUND GAS													GROUNDWATER			Notes
	Flow		CH_4		CO_2		O_2		H_2S	CO	VOC	Differential (Relative) Pressure	Atmos. Pressure	Depth to free product	Depth to water	Depth to base	(e.g. water colour, sheen, odour, damage to well or gas tap, flooded ground etc.) $ For **Depth to water** state **Depth to water or Dry or NR (= Not Recorded - provide reason if monitoring was intended)** # **For Depth to Product state** **ND (= Not detected - product looked for but absent) or NR (= Not Recorded - instrument used unable to detect product)**
	l/hr		% v/v		% v/v		% v/v		ppm			mb	mb	m	m	m	
	Max	Steady	Max	Steady	Max	Steady	Min	Steady	Max	Max	Max						
	The formulae require that only numbers, "<0.1" for ground gas and flow or "DRY" for groundwater are entered in the sheet																
CP101	<0.1	<0.1	<0.1	<0.1	2.2	2.2	17.1	17.1	<0.1	<0.1	<0.1	0.0	1025		5.32	7.61	
CP102																	
CP103																	
CP104																	
CP105																	
DS101	<0.1	<0.1	<0.1	<0.1	1.1	1.1	19.2	19.2	<0.1	<0.1	0.2	0.0	1023.0		Dry	2.59	
DS102																	
DS103																	
DS104																	
DS105	<0.1	<0.1	<0.1	<0.1	1.1	1.1	19.2	19.2	<0.1	<0.1	1.7	0.0	1022.0		Dry	2.94	
DS106																	
DS107A																	
DS108B																	
DS109																	
DS110																	
DS111																	
DS112	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	20.6	20.6	<0.1	<0.1	<0.1	0.0	1023		Dry	2.80	
DS113																	
DS114	<0.1	<0.1	<0.1	<0.1	0.2	0.2	17.4	17.4	<0.1	<0.1	4.2	0.0	1021		Dry	2.95	
DS115	<0.1	<0.1	<0.1	<0.1	0.6	0.6	19.5	19.5	<0.1	<0.1	2.2	0.0	1022		Dry	2.72	
DS116																	

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Site Name	651-664 Ajax Avenue	Job number	21-0205.01	WEATHER	Start	End
				Time	10:00	13:00
Client	SEGRO	Recorded by	HB	Weather (dry/rain/snow/ice)	dry	dry
				Pressure (mb)	1010.00	1016.00
Date (DD/MM/YYYY)	30/04/2021			Risking/Falling Trend	rising	
Gas Analyser	GA2000 (GSOU-LON) - GA10648	Visit Number	6	Wind Speed (m/s)	1.60	2.50
Readings at start	CH_4 (% v/v) <0.1	CO_2 (% v/v) <0.1	O_2 (% v/v) 20.1	H_2S (ppm) <1	Wind Dir. (From)	N	N
General comments					Temperature °C	12.00	
					SWL Measured from	Ground Level	

Ref	GROUND GAS													GROUNDWATER			Notes
	Flow		CH_4		CO_2		O_2		H_2S	CO	VOC	Differential (Relative) Pressure	Atmos. Pressure	Depth to free product	Depth to water	Depth to base	(e.g. water colour, sheen, odour, damage to well or gas tap, flooded ground etc.) $ For **Depth to water** state **Depth to water or Dry or NR (= Not Recorded - provide reason if monitoring was intended)** # **For Depth to Product state** **ND (= Not detected - product looked for but absent) or NR (= Not Recorded - instrument used unable to detect product)**
	l/hr		% v/v		% v/v		% v/v		ppm			mb	mb	m	m	m	
	Max	Steady	Max	Steady	Max	Steady	Min	Steady	Max	Max	Max						
	The formulae require that only numbers, "<0.1" for ground gas and flow or "DRY" for groundwater are entered in the sheet																
CP101	<0.1	<0.1	<0.1	<0.1	2.3	2.3	17.0	17.0	<1	<1	NR	NR	NR	NR	5.26	7.61	
CP102	<0.1	<0.1	<0.1	<0.1	2.8	0.1	19.9	19.9	<1	<1	NR	<0.1	1010.0	NR	5.41	7.54	
CP103	<0.1	<0.1	<0.1	<0.1	0.4	0.3	19.2	19.2	<1	<1	NR	<0.1	1013	NR	5.04	14.34	
CP104	<0.1	<0.1	<0.1	<0.1	0.7	0.9	18.7	18.7	<1	<1	NR	<0.1	1011.0	NR	4.75	2.93	
CP105	<0.1	<0.1	-0.1	-0.1	9.6	9.6	5.2	5.2	<1	<1	NR	<0.1	1013	NR	4.18	7.89	
DS101	-0.1	<0.1	<0.1	<0.1	1.7	1.7	14.3	14.3	<1	<1	NR	<0.1	1015.0	NR	DRY	2.61	
DS102	-0.1	-0.1	<0.1	<0.1	0.9	0.9	17.0	17.0	<1	<1	NR	<0.1	1010	NR	DRY	2.40	
DS103	<0.1	-0.4	<0.1	<0.1	0.3	0.3	19.9	19.9	<1	<1	NR	<0.1	1010	NR	DRY	2.83	
DS104	<0.1	<0.1	<0.1	<0.1	2.6	2.6	10.2	10.2	<1	<1	NR	<0.1	1013	NR	DRY	3.69	
DS105	<0.1	<0.1	<0.1	<0.1	0.9	0.9	19.1	19.1	<1	<1	NR	<0.1	1013.0	NR	DRY	2.95	
DS106	<0.1	<0.1	<0.1	<0.1	0.7	0.7	18.8	18.8	<1	<1	NR	<0.1	1013	NR	NR	NR	Bung stuck
DS107A	<0.1	<0.1	<0.1	<0.1	1.7	1.7	17.8	17.8	<1	<1	NR	<0.1	1013	NR	DRY	2.90	
DS108B	<0.1	<0.1	<0.1	<0.1	1.8	1.8	18.6	18.6	<1	<1	NR	<0.1	1013	NR	DRY	3.00	
DS109	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	20.6	20.6	<1	<1	NR	<0.1	1013	NR	DRY	3.38	
DS110	<0.1	<0.1	<0.1	<0.1	0.4	0.4	20.0	20.0	<1	<1	NR	<0.1	1013	NR	DRY	2.94	
DS111	<0.1	<0.1	<0.1	<0.1	0.1	0.1	20.2	20.2	<1	<1	NR	<0.1	1013	NR	DRY	2.90	
DS112	<0.1	<0.1	<0.1	<0.1	1.3	1.2	18.1	18.1	<1	<1	NR	<0.1	1012	NR	DRY	2.81	
DS113	<0.1	<0.1	<0.1	<0.1	2.8	2.8	18.2	18.2	<1	<1	NR	<0.1	1016	NR	DRY	2.26	
DS114	<0.1	<0.1	<0.1	<0.1	1.1	1.1	17.3	17.3	<1	<1	NR	<0.1	1013	NR	DRY	2.93	
DS115	<0.1	<0.1	<0.1	<0.1	0.3	0.3	19.5	19.5	<1	<1	NR	<0.1	1013	NR	DRY	2.70	
DS116	<0.1	<0.1	<0.1	<0.1	0.2	0.2	20.0	20.0	<1	<1	NR	<0.1	1013	NR	DRY	2.91	

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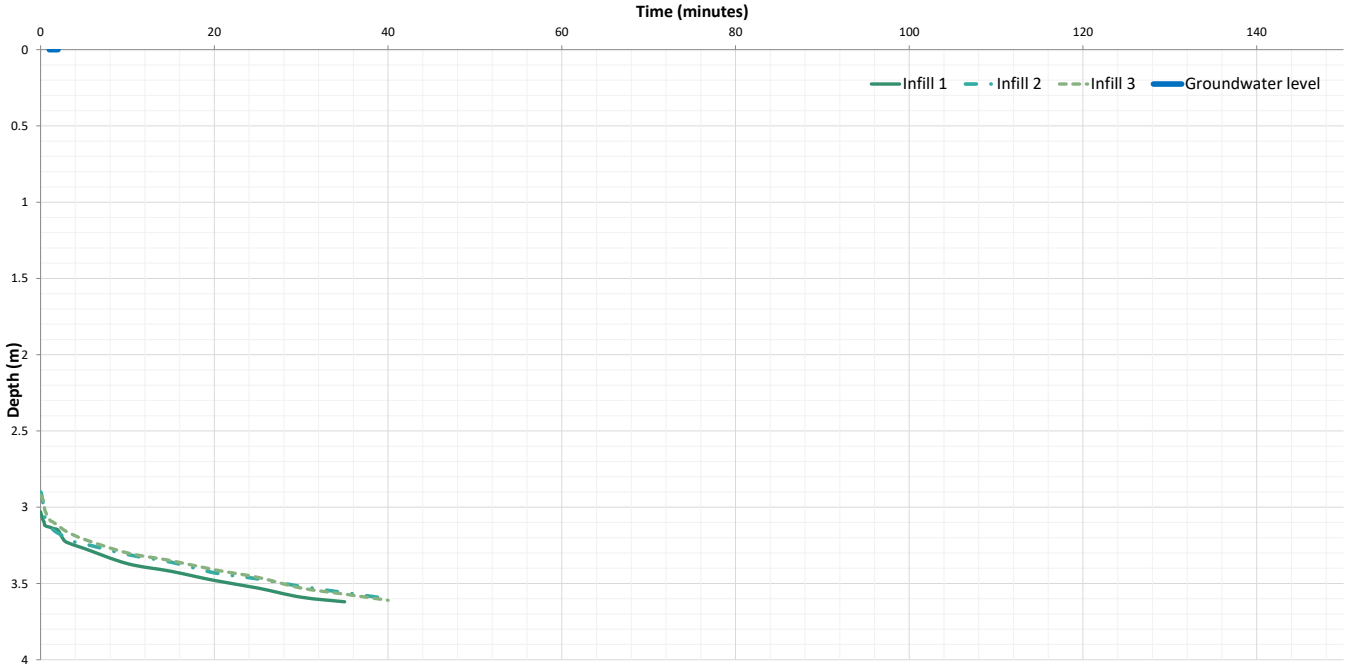
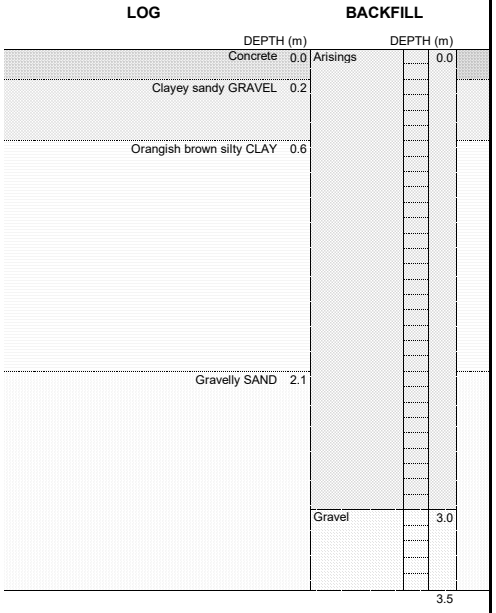
	units	Infill 1	Infill 2	Infill 3
Length	m		2.40	
Width	m		0.80	
Depth	m		3.50	
Gravel type			Standard	
Voids ratio			0.35	
Resting groundwater level at time of testing	m		Dry	
Depth of first reading	m	3.03	2.90	2.92
Depth of final reading	m	3.62	3.60	3.61
Did soakage test reach 25% of maximum fill depth?		Yes	Yes	Yes
Depth at 75% full/effective depth	m	3.15	3.05	3.07
Depth at 25% full/effective depth	m	3.38	3.35	3.36
Time at 75% full/effective depth	mins	1.88	0.46	0.88
Time at 25% full/effective depth	mins	11.25	14.00	15.42
Vp75 - 25 (volume outflowing between 75% and 25% full/effective depth)	m3	0.16	0.22	0.21
Mean surface area for outflow (50% full/effective depth)	m2	3.42	4.12	4.05
tp75 (time for the water level to fall from 75% to 25% full/effective depth)	mins	9.38	13.54	14.54
Soil infiltration rate, f =	m/s	0.00008199	0.00006524	0.00005972
or	m/s	8.2E-05	6.5E-05	6.0E-05

Recommended soil infiltration rate

6.0E-05	m/s

Note:
Where water level did not fall below the 25% of the maximum fill level, soil infiltration rate is based on effective drainage achieved only.





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TITLE: Soakaway Test Results
Ajax Avenue
SEGRO

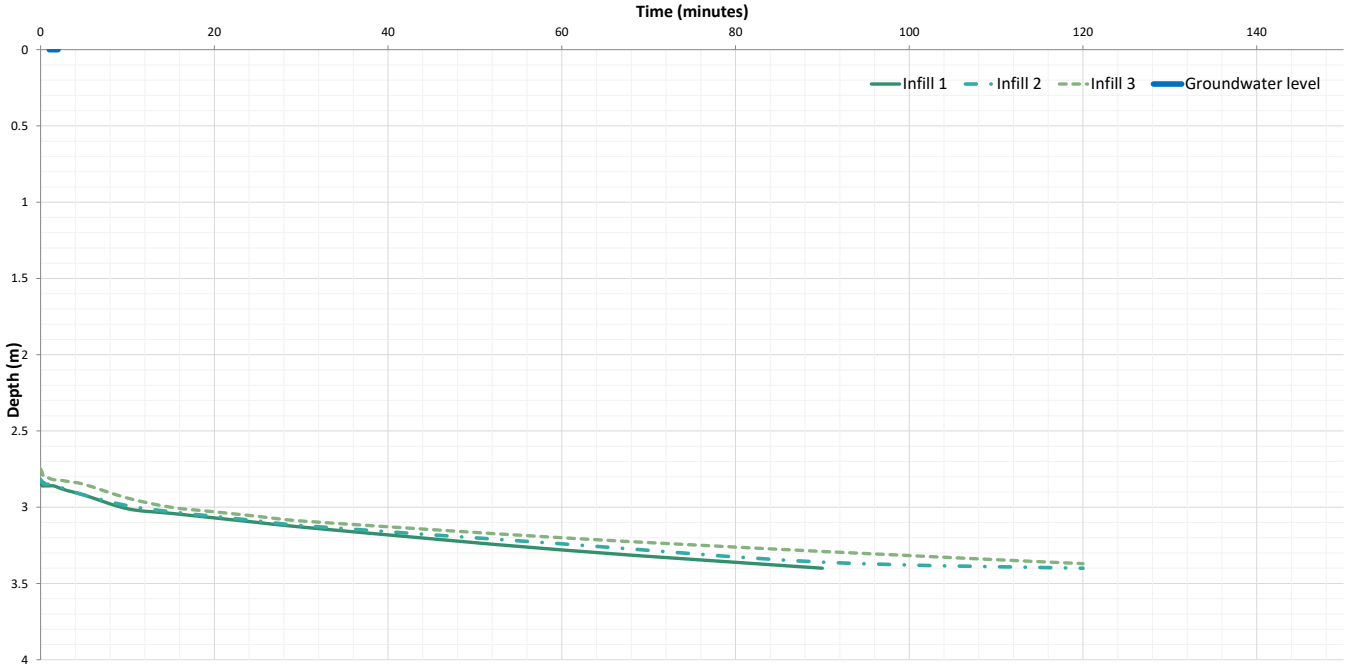
In accordance with BRE Digest 365 (2016)

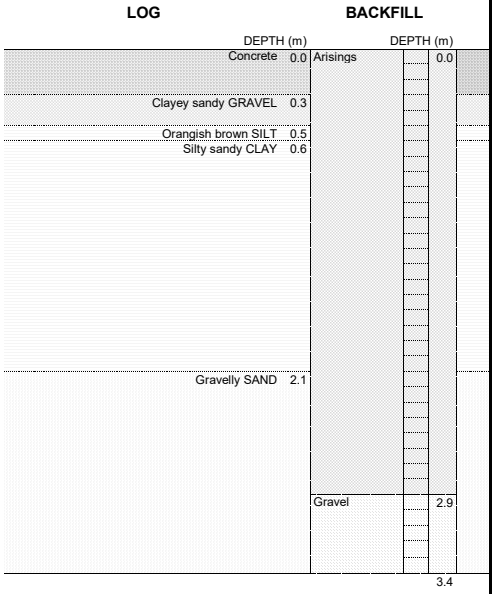
DRAWN BY: TA	SCALE: Not to Scale	PROJECT NUMBER: 21-0205.01
CHECKED BY:	REVISION: 1	SOAKAWAY NUMBER: SA01
DATE: 11/03/2021		

	units	Infill 1	Infill 2	Infill 3
Length	m		2.40	
Width	m		0.80	
Depth	m		3.40	
Gravel type			Standard	
Voids ratio			0.35	
Resting groundwater level at time of testing	m		Dry	
Depth of first reading	m	2.82	2.82	2.75
Depth of final reading	m	3.40	3.40	3.37
Did soakage test reach 25% of maximum fill depth?		Yes	Yes	Yes
Depth at 75% full/effective depth	m	2.97	2.97	2.91
Depth at 25% full/effective depth	m	3.26	3.26	3.24
Time at 75% full/effective depth	mins	7.50	8.21	8.47
Time at 25% full/effective depth	mins	55.00	63.75	72.50
Vp75 - 25 (volume outflowing between 75% and 25% full/effective depth)	m3	0.19	0.19	0.24
Mean surface area for outflow (50% full/effective depth)	m2	3.78	3.78	4.29
tp75 (time for the water level to fall from 75% to 25% full/effective depth)	mins	47.50	55.54	64.03
Soil infiltration rate, f =	m/s	0.00001811	0.00001549	0.00001436
or	m/s	1.8E-05	1.5E-05	1.4E-05

Recommended soil infiltration rate	
1.4E-05	m/s

Note:
Where water level did not fall below the 25% of the maximum fill level, soil infiltration rate is based on effective drainage achieved only.





deltasimons

TITLE: Soakaway Test Results
Ajax Avenue, Slough
Delta Simons

In accordance with BRE Digest 365 (2016)

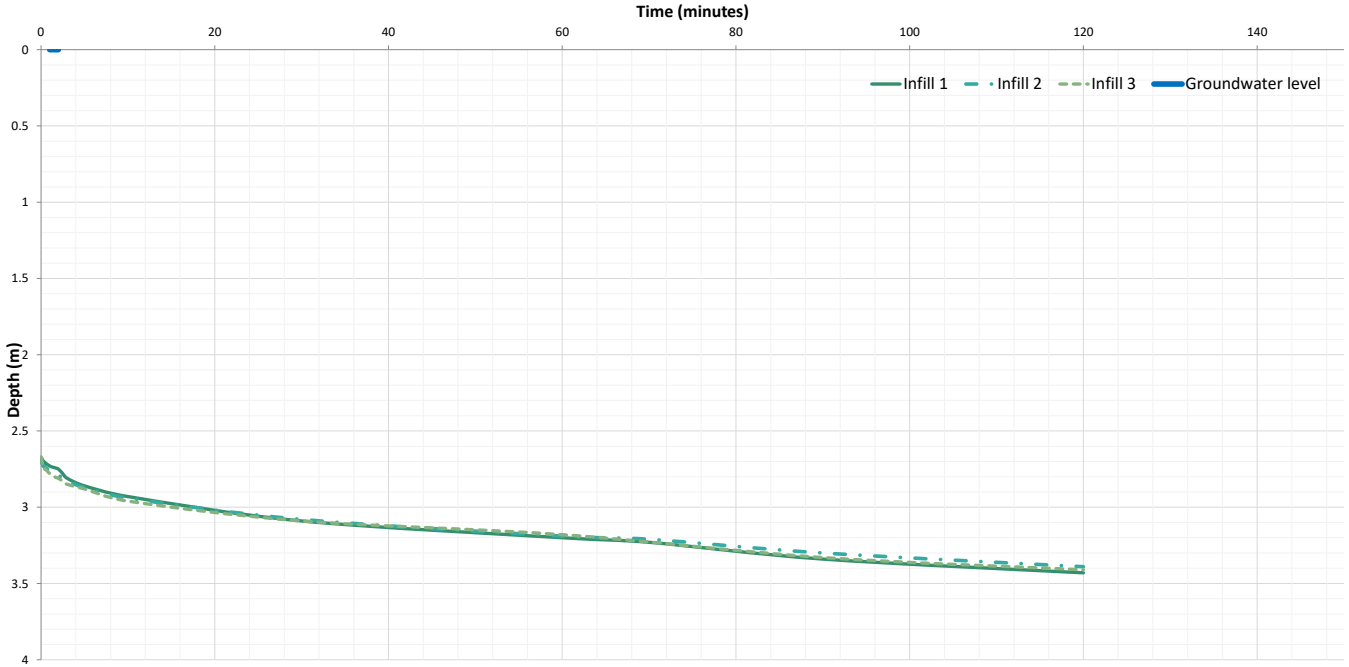
DRAWN BY: TA	SCALE: Not to Scale	PROJECT NUMBER: 21-0205.01
CHECKED BY:	REVISION: 1	SOAKAWAY NUMBER: SA102
DATE: 17/03/2021		

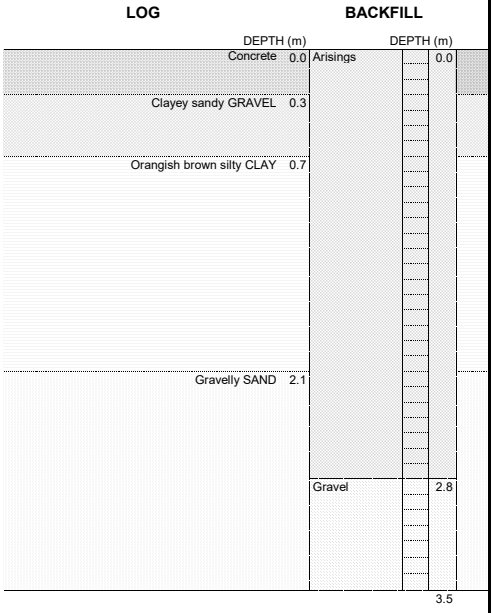
	units	Infill 1	Infill 2	Infill 3
Length	m		2.60	
Width	m		0.80	
Depth	m		3.50	
Gravel type			Standard	
Voids ratio			0.35	
Resting groundwater level at time of testing	m		Dry	
Depth of first reading	m	2.68	2.70	2.67
Depth of final reading	m	3.43	3.39	3.41
Did soakage test reach 25% of maximum fill depth?		Yes	Yes	Yes
Depth at 75% full/effective depth	m	2.89	2.90	2.88
Depth at 25% full/effective depth	m	3.30	3.30	3.29
Time at 75% full/effective depth	mins	6.79	7.14	4.83
Time at 25% full/effective depth	mins	81.82	90.00	82.50
Vp75 - 25 (volume outflowing between 75% and 25% full/effective depth)	m3	0.30	0.29	0.30
Mean surface area for outflow (50% full/effective depth)	m2	4.87	4.80	4.90
tp75 (time for the water level to fall from 75% to 25% full/effective depth)	mins	75.03	82.86	77.67
Soil infiltration rate, f =	m/s	0.00001362	0.00001220	0.00001323
or	m/s	1.4E-05	1.2E-05	1.3E-05

Recommended soil infiltration rate

1.2E-05	m/s

Note:
Where water level did not fall below the 25% of the maximum fill level, soil infiltration rate is based on effective drainage achieved only.





deltasimons

TITLE: Soakaway Test Results
Ajax Avenue
SEGRO

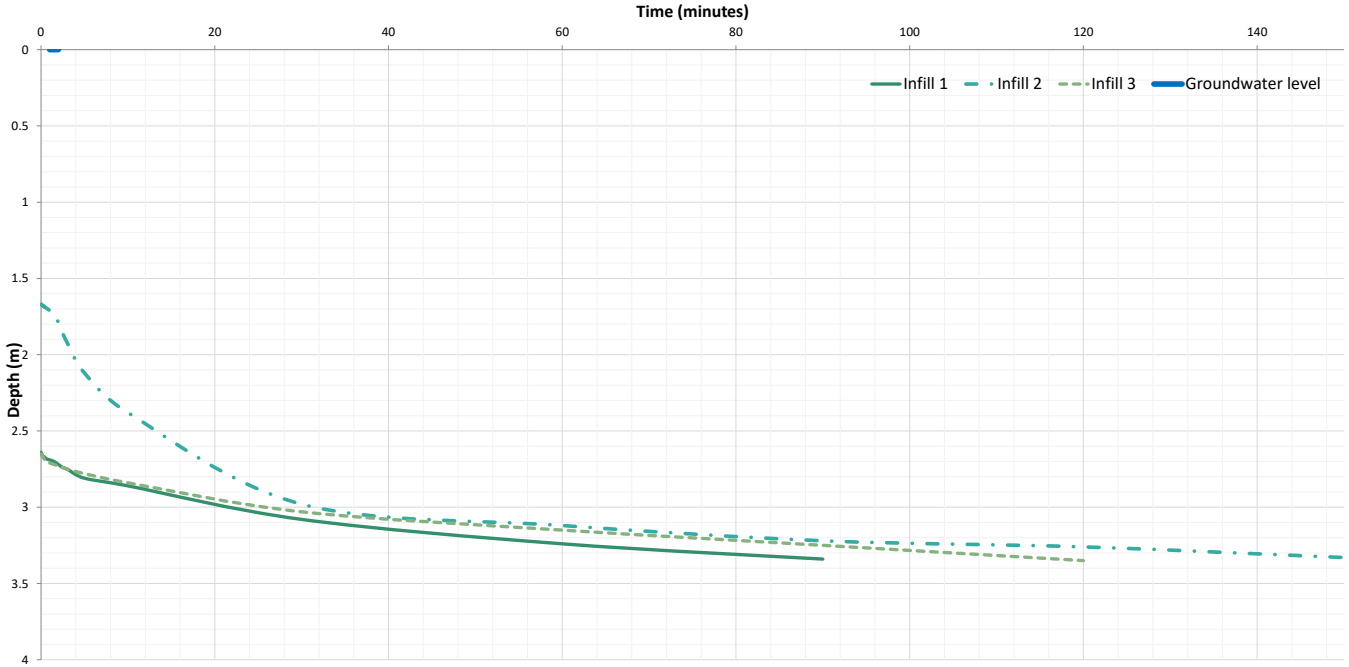
In accordance with BRE Digest 365 (2016)

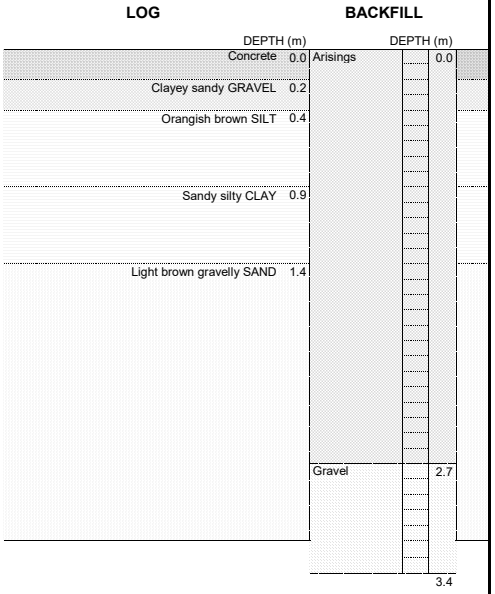
DRAWN BY:	SCALE:	PROJECT NUMBER:
TA	Not to Scale	21-0205.01
CHECKED BY:	REVISION: 1	SOAKAWAY NUMBER:
DATE: 11/03/2021		SA103

	units	Infill 1	Infill 2	Infill 3
Length	m		2.70	
Width	m		0.80	
Depth	m		3.40	
Gravel type			Standard	
Voids ratio			0.35	
Resting groundwater level at time of testing	m		Dry	
Depth of first reading	m	2.64	1.67	2.65
Depth of final reading	m	3.34	3.33	3.35
Did soakage test reach 25% of maximum fill depth?		Yes	Yes	Yes
Depth at 75% full/effective depth	m	2.83	2.10	2.84
Depth at 25% full/effective depth	m	3.21	2.97	3.21
Time at 75% full/effective depth	mins	7.00	4.83	9.79
Time at 25% full/effective depth	mins	54.38	29.58	78.75
Vp75 - 25 (volume outflowing between 75% and 25% full/effective depth)	m3	0.29	0.65	0.28
Mean surface area for outflow (50% full/effective depth)	m2	4.82	8.22	4.79
tp75 (time for the water level to fall from 75% to 25% full/effective depth)	mins	47.38	24.76	68.96
Soil infiltration rate, f =	m/s	0.00002097	0.00005359	0.00001432
or	m/s	2.1E-05	5.4E-05	1.4E-05

Recommended soil infiltration rate	
1.4E-05	m/s

Note:
Where water level did not fall below the 25% of the maximum fill level, soil infiltration rate is based on effective drainage achieved only.





deltasimons

TITLE: Soakaway Test Results
Ajax Avenue
SEGRO

In accordance with BRE Digest 365 (2016)

DRAWN BY:	SCALE:	PROJECT NUMBER:
TA	Not to Scale	21-0205.01
CHECKED BY:	REVISION: 1	SOAKAWAY NUMBER:
DATE: 11/03/2021		SA104