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FERRY ISLAND PLOT F

REMEDIATION STRATEGY

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Status: S2 - Suitable for information

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Appendix 1 – Generic Quantitative Risk Assessment (2026)

DISCLAIMER

Whitby Wood Limited (WW) is appointed by Midgard to provide Structural, Civil and Geotechnical consultancy services for the development of Ferry Island Plot F.

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1 INTRODUCTION

The aims of this report are:

- To discharge Planning Conditions F10 (Monitoring and Maintenance Plan - Contamination - Environment Agency) and F15 (Contaminated Land - Part 1 - LBH Environmental Health) associated with the Ferry Island (Plot F) planning application (Ref: HGY/2022/0780)
- To outline the remediation strategy required for the development of Ferry Island Plot F (Pavilion), located at Ferry Lane, Tottenham Hale, London N15 4QD.

Plot F is part of the larger Ferry island development. The remediation strategy has been developed to minimise or eliminate potential risks associated with contamination to construction workers, site personnel, future site users and off-site receptors.

A Phase 1 Desk Study (Tottenham Hale Masterplan, Phase 1 Geoenvironmental Desk Study) was undertaken by Buro Happold (2016) to establish an understanding of the ground conditions and to identify potential geo-environmental risks associated with the site. The study developed an initial Conceptual Site Model (CSM) and Preliminary Risk Assessment (PRA) and recommended intrusive ground investigation works.

Following the Phase 1 Desk Study, a ground investigation was undertaken by contractors Concept Engineering Consultants Ltd in April 2020. This ground investigation included the entire Ferry Island plot includes the ongoing development of two buildings. Langan International then interpreted the results in April 2020. The findings were later issued in Revision 02 of the Geoenvironmental Site Interpretation Report dated 04/11/2021. The findings were presented in a Geoenvironmental Site Interpretation Report, which described the encountered ground conditions and included results from geo-environmental laboratory testing, as well as groundwater, ground gas and vapour monitoring. The Report also included a Generic Quantitative Risk Assessment (GQRA) for the entire development.

Due to uncertainty associated with a historically recorded underground storage tank on the Ferry Island Plot F location and minimal coverage compared to the wider site, an additional ground investigation was undertaken in February 2026. The works were carried out by Endeavour Drilling, with soil samples collected for geo-environmental laboratory testing. Whitby Wood subsequently interpreted the investigation results.

A revised Conceptual Site Model (CSM) and Generic Quantitative Risk Assessment (GQRA) were prepared by Whitby Wood in March 2026 based on the updated ground investigation data.

Table 1: Document References

Report	Reference	Revision	Date	Author
Phase I Desk Study	033543	00	30/08/2016	Buro Happold
Geoenvironmental Interpretation	P450040-REP-010	02	04/11/2021	Langan International
Ground Investigation Report	END26-012	01	03/03/2026	Endeavour Drilling
Generic Quantitative Risk Assessment	P451152-WW-XX-XX-XX-RP-G-001	01	25/03/2026	Whitby Wood

2 PROJECT DESCRIPTION

The Ferry Island Plot F development is located adjacent to Ferry Lane (A503), Tottenham Hale, London, N15 4QD, at approximately grid reference E534323, N189491 within the London Borough of Haringey. Bounded by Watermead Way to the north, Station Road to the west and Ferry Lane to the south.

Prior to demolition, the site was used as a petrol filling station and motor vehicle service and repair depot. An

underground storage tank was previously identified on the site; however, it is currently unclear if the tank remains in place.

The presence of the tank (Figure 1) and the historic commercial use of the site were identified as potential sources of contamination and therefore informed the scope of the geo-environmental investigation.

Plot F is currently cleared to ground level at approximately 8.5 m AOD. The southeast corner of Plot F overlies the existing Victoria Line tunnels, and Tottenham Hale Station is located approximately 120 m to the east.

The Ferry Island site forms part of the wider Tottenham Hale masterplan and comprises two buildings. Together, these buildings include three towers of 37, 20 and 14 storeys, connected by a shared basement.

Plot F, also referred to as the pavilion, will initially be redeveloped as a public open space, in the interim until such time that the Pavilion building is constructed. Following construction, the area will be landscaped, including the planting of trees.

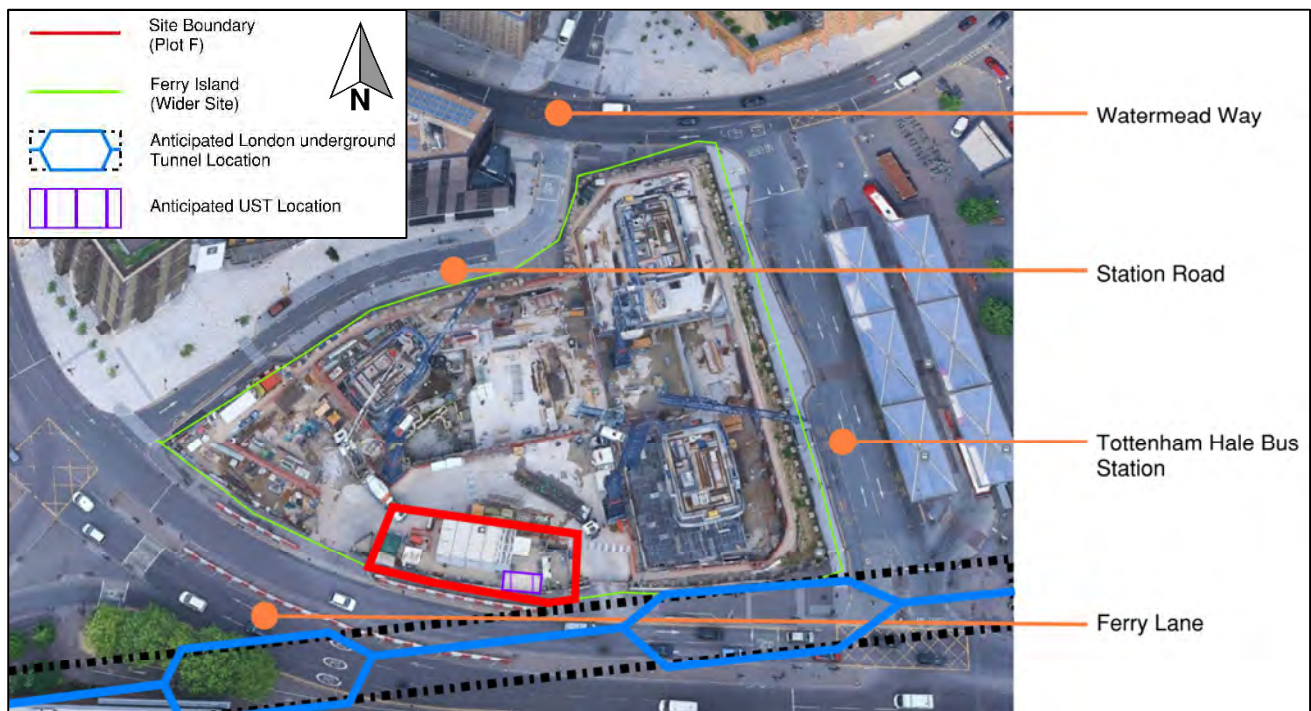


Figure 1: Annotated Ferry Island (Google Earth 2026 Copyright)

3 GAC VALUES

Generic Assessment Criteria (GAC) have been derived for the earthwork materials and groundwater situated on site. The adopted values reflect the proposed land use (Landscaping) and were developed using the Contaminated Land Exposure Assessment (CLEA) framework. The references used were:

- CL:AIRE, 2010 – Soil Generic Assessment Criteria for Human Health Risk Assessment. (Criteria: **Public Open Space – Residential**)
- SoBRA 2017 Development of Generic Assessment Criteria for assessing Vapour Risks to human health from volatile contaminants. (Criteria: **Residential**)
- The Water Supply (Water Quality) Regulations (England and Wales) 2018 (WSR, 2018); (Criteria: **Drinking Water**)
- Langan International, **Geoenvironmental Interpretation Report (2021)**

These criteria represent screening concentrations used to assess the potential risk posed by contaminants to human health under the proposed site use. The GAC values were used as a benchmark against which the analytical results from soil samples collected during the ground investigation were compared.

Where measured concentrations fall below the adopted GAC, the risk to identified receptors is considered low and no further assessment is generally required. Where concentrations exceed the GAC, this indicates the potential for unacceptable risk and may require further evaluation, such as a Detailed Quantitative Risk Assessment (DQRA) or the implementation of appropriate mitigation measures.

The adopted criteria reflect the anticipated exposure scenario associated with the proposed development and have been used to support the interpretation of laboratory results and the assessment of potential risks to site users and construction workers.

4 REVIEW OF EXISTING INFORMATION

4.1 PHASE I DESK STUDY

4.1.1 Site History

The historical development of Ferry Island - Tottenham Hale:

- **Pre-1864 - Residential Use** . The plot was predominantly residential, comprising terraced houses.
- **Late 1800s - Water Works Infrastructure** . The eastern plot boundary intersected a building associated with a Water Works (later referred to as a pumping station), along with a filter bed.
- **By 1913 - Filter Bed Removed from Mapping** . The filter bed was no longer shown on the 1913 map.
- **By 1936 - Redevelopment of Residential Area** . Residential properties in the southwest of the plot were redeveloped into a single building, and the pumping station was no longer indicated.
- **By 1954 - Commercial/Automotive Use** . A garage was present to the south of the plot, and the former pumping station building had been converted into a Motor Vehicle Service and Repair Depot.
- **1970s–1980s - Plot Redevelopment** . The site underwent redevelopment, including modification of the southeast corner into a new road junction.
- **By 2002 - Single Commercial Building** . A single building had been constructed in the centre of the plot and, at the time of the desk study, was occupied by three commercial units (an electronics retailer and restaurants).

4.1.2 List of Contaminants of Concerns

The desk study identified a list of contaminants of concern:

- Heavy metals and metalloids (e.g. arsenic, lead, zinc)
- Hydrocarbons (e.g. PAHs, fuels, oils, lubricant oils)
- Ground gases
- Acids / alkalis
- Asbestos
- Sulphate

- Phenols
- SVOCs and VOCs
- Cyanide
- MTBE and PCBs

As per information from the Desk Study, the ground investigation scheme for the site was designed to identify and quantify the presence of the contaminants above and assess their potential risks to the proposed development. The potential for contamination is linked to the current and historic use of the site and surrounding land, including nearby industrial uses such as a car park on Ferry Island, and other industrial land uses in close proximity including a petrol station, container and storage areas, and a vehicle repair facility.

A summary of the contaminants and their potential sources are listed in Table 2.

Table 2: Summary of Sources of Contaminants of Concern (Revised to Target Plot F)

Name (Source)	Description	Contaminants of Concern
Former PFS / Garage (Ferry Island)	Historical garage / possible petrol filling station which included motor vehicle service and repair depot.	• Hydrocarbons (petrol and diesel) • Fuel additives, including methyl tert-butyl ether (MTBE) • BTEX • Glycols • Heavy metals • Asbestos
General Industrial Uses	Historical and current industrial uses on site, including the former Water Works and associated industrial activity.	• Heavy metals • Asbestos • Hydrocarbons • Polycyclic aromatic hydrocarbons (PAHs)
Made Ground	Made Ground is likely to have been generated during the various phases of site development. This may include demolition arisings from former buildings and structures, including factories, warehouses and residential properties, as well as potentially imported fill materials.	• Asbestos • Heavy metals • PAHs • Ground gases, including carbon dioxide and methane
Natural Geology	The Enfield Silt and Kempton Park Gravel may act as potential sources of ground gases, particularly where organic-rich deposits are present. The London Clay and Lambeth Group may also contain sulphates that could affect buried concrete.	• Ground gases, including carbon dioxide, methane and hydrogen sulphide • Sulphates
Groundwater	Impacted groundwater may act as a secondary source of contamination, particularly where construction works encounter shallow groundwater. Although considered in the assessment, groundwater has not been treated as a separate primary source.	• Hydrocarbons, including BTEX • PAHs • Heavy metals • Volatile organic compounds (VOCs) • Semi-volatile organic compounds (SVOCs)
Off-site Sources	Potential off-site contamination sources within approximately 50 m of the site boundary include petrol filling stations, former printing and varnish works, cabinet works, pencil and woollen factories, dry battery works, warehouses, depots, above-ground storage tanks, an electrical substation, distribution and haulage uses, and a waste transfer station. These have been considered in the assessment where relevant pollutant linkages may exist.	• Hydrocarbons, including petrol, diesel and BTEX • Fuel additives, including MTBE • Glycols • PAHs • Polychlorinated biphenyls (PCBs) • VOCs • SVOCs

4.2 2021 GEOENVIRONMENTAL INTERPRETATION

In accordance with recommendations from a previous preliminary investigation, supplementary ground investigation works were undertaken between 17 February 2020 and 2 March 2020.

Langan International prepared a geo-environmental interpretation for the Tottenham Hale Centre development in the London Borough of Haringey. Langan was appointed by Whitby Wood to provide geo-environmental advice in support of the proposed development.

4.2.1 Fieldwork

Fieldwork was carried out between 17th February and 2nd March 2020. The relevant fieldwork involved:

- 6.no Membrane Interface Probe (MIP)/ Cone Penetration Test (CPT) locations, including MIP101, which was specifically used to investigate near-surface geology and screen for potential chlorinated hydrocarbons.
- 9.no Cable Percussive Boreholes, including EBH103 and EBH105B, which were drilled to obtain environmental samples and install monitoring infrastructure. These two locations provided key information on groundwater conditions and contaminant distribution relevant to the site assessment.

Locations MIP101, EBH103 and EBH105B are significant exploratory holes as they are positioned directly on the Ferry Plot F.

Ground investigation locations are presented in Appendix 1

4.2.2 Geoenvironmental Laboratory Testing

Table 3 and Table 4 summarise the amount and type of geoenvironmental tests performed on soil and groundwater, respectively.

Table 3: 2020 Geoenvironmental Laboratory Tests – Soil

Test Description	Number of tests
Suite E - Soil (heavy metals, sulphates, organic matter, TPH, PAH, VOC, phenols, cyanide and asbestos)	54
Suite J - Inert WAC	8

Table 4: 2020 Geoenvironmental Laboratory Tests - Water

Test Description	Number of tests
Suite F - Water (heavy metals, sulphates, TPH, VOC, PAH, total phenols and cyanide)	18

4.2.3 Summary of Results

EBH103 recorded the presence of TPHs in groundwater, comprising heavier hydrocarbon fractions. However, the reported concentrations were below the relevant GAC. Gas and vapour monitoring results were also below the applicable assessment criteria.

EBH105B encountered Made Ground containing aliphatic and aromatic hydrocarbon fractions at concentrations above the relevant GAC, with a reported maximum concentration of 2,180 mg/kg. Elevated lead concentrations were also recorded within the Made Ground at depths of 1.2 m and 1.5 m bgl. In addition, VOCs, including 2-methylnaphthalene and anthraquinone, were identified. Groundwater monitoring at this location also recorded copper at a concentration of 1.70 µg/L.

Other, less significant detections across the site included lead, PAHs and TPH.

The interpretation came to stated that the risk to end users is low, as the site was planned to be stripped to a 0.5m depth and the soil to be replaced with clean engineering fill (cover) for a suitable construction platform and then to be covered with hard landscaping post construction.

It was also concluded that the risk of vapour inhalation or pathways to end users is considered low to medium.

4.3 GEOLOGY

Based on the findings from the geoenvironmental desk study, historic ground investigation and latest ground investigation, a ground model has been prepared and is summarised in Table 5.

Table 5: Ground Model

Stratum	Bottom depth range (m bgl)	Thickness (m)	General description / comments
Made Ground	3.3	3.3	Variable in nature, typically reworked natural materials with brick and concrete inclusions
Kempton Park Gravels	4.4	1.9	Slightly Sandy Gravel
London Clay	Proven to 5.0 (1)	Proven to 0.6	Stiff Sandy Clay

Note: (1) Based 2026 ground investigation

Based on the current geological information, similar geological conditions are expected across all site locations.

5 GENERIC QUANTITATIVE RISK ASSESSMENT (GQRA)

5.1 SUMMARY

Based on the recommendations of the desk study and the findings of the ground investigation undertaken by Endeavour Drilling between February 2026 to April 2026, a Generic Quantitative Risk Assessment (GQRA) was undertaken to assess potential contamination risks associated with the site.

The investigation was undertaken following a change in the proposed site use. The works comprised intrusive ground investigation, environmental sampling and monitoring. The investigation included:

- 6 no. dynamic sampling boreholes advanced generally to depths of approximately 5.0 m below ground level (bgl)
- Installation of 4 no. combined gas and groundwater monitoring standpipes
- Collection of soil and groundwater samples for laboratory testing
- Monitoring of ground gas concentrations and groundwater levels
- Waste Acceptance Criteria testing of soil samples

The investigation confirmed the presence of Made Ground to depths of up to approximately 3.40 m bgl, underlain by Kempton Park Gravels and London Clay. Groundwater was monitored during the investigation between approximately 1.84 and 2.64 m bgl (5.81 – 6.34mAOD).

Table 6 and Table 7 present the laboratory testing undertaken on soil samples

Table 6: 2026 Geoenvironmental Laboratory Tests - Soil

Test Description	Number of tests
Suite E – Soil (Heavy Metals, Sulphates, Organic Matter, TPH's, PAH's, VOC's, Phenols, Cyanide and Asbestos)	19
Suite J – Inert WAC	9

Table 7: 2026 Geoenvironmental Laboratory Tests - Water

Test Description	Number of tests
Suite F – Water (Heavy Metals, Sulphates, TPH's, VOC's, PAH's, Total Phenols and Cyanide)	17



Figure 2: Location of window sample boreholes

5.2 QUANTITATIVE RISK ASSESSMENT METHODOLOGY

The objective of the GQRA was to compare the laboratory test results obtained from the site investigation with the relevant Generic Assessment Criteria (GAC), in order to assess the potential risk to identified receptors.

5.3 RESULTS FROM THE GENERIC QUANTITATIVE RISK ASSESSMENT METHODOLOGY

Based on the assessment, the following results are identified:

Soil Samples

- Exceedances of the heavy metal criteria for a public open space (residential) end use were identified in two soil samples, both taken from 1.5 m below ground level. The exceedance related to **lead**.
- An exceedance of the heavy metal criteria for plant uptake was also identified in one soil sample at 1.5 m below ground level. The relevant metals were **copper and zinc**.

Leachates

- Nine leachate tests were performed as part of Suite J. Results primarily indicated inert waste, but several instances of non-reactive hazardous waste were noted in the following locations:
- Antimony in WS02 at 2.00m bgl
- Antimony in WS03 at 2.00m bgl
- Sulphate and Dissolved solids in TP04 at 1.00m bgl

Groundwater Samples

- Under Water Quality Standards for Surface Waters and Drinking Water Supply, there were several exceedances.
- There were multiple exceedances of Arsenic within samples from WS02.
- A series of Zinc exceedances throughout the batches, identified in samples from WS01, WS03 & TP04.
- Consistent exceedances of PAHs and TPHs within samples from WS02.

Groundwater Monitoring

Groundwater was monitored between 1.84 and 2.64m bgl (5.81 – 6.34mAOD).

Gas Monitoring

Results from all 5 rounds of ground gas monitoring are available. A summary of the monitoring results is presented in Table 8 below.

Table 8: 2026 Ground Gas Monitoring Results

Exploratory hole reference	Min steady O2 (%)	Max steady CO2 (%)	Max steady CH4 (%)	Max H2S (ppm)	Max CO (ppm)	Max PID (ppmv)	Max Recorded Flow (l/h)	Min Recorded Flow (l/h)
TP04	18.1	0.8	0.5	0	0	55.7	0.0	-0.1
WS01	16.4	2.1	0.6	1	1	261.9	0.0	0.0
WS02	8.0	3.1	3.7	0	2	918.8	0.1	0.0
WS03	18.0	0.6	0.6	0	1	122.9	0.0	0.0

Utilising Table 8.5 in CIRIA C655 - Assessing risks posed by hazardous ground gases to buildings, a gas screening value can be derived for the site using the following equation:

$$\text{Gas screening value (litres of gas per hour)} = \text{max borehole flow rate (l/hr)} \times \text{max gas concentration (\%)}$$

The max flow rate on site was observed at 0.1 l/hr and the maximum gas concentration was found to be 3.70% CH₄ in WS02, hence the Gas Screening Value (GSV) for the site is 0.0037.

Figure 3 presents the Characteristic Situation values from CIRIA R149. Given the site has a GSV of 0.0037, the site is therefore classified as **Characteristic Situation 1**.

	Characteristic situation (CIRIA R149)	Comparable classification in DETR et al (1999)	Risk classification	Gas screening value (GSV) (CH ₄ or CO ₂) (l/hr) ¹ Threshold	Additional factors	Typical source of generation
	1	A	Very low risk	<0.07	Typically methane £1 % and/or carbon dioxide £5 %. Otherwise consider increase to Situation 2	Natural soils with low organic content "Typical" made ground
	2	B	Low risk	<0.7	Borehole air flow rate not to exceed 70l/hr. Otherwise consider increase to characteristic Situation 3	Natural soil, high peat/organic content. "Typical" made ground
	3	C	Moderate risk	<3.5		Old landfill, inert waste, mineworking flooded
	4	D	Moderate to high risk	<15	Quantitative risk assessment required to evaluate scope of protective measures.	Mineworking – susceptible to flooding, completed landfill (WMP 26B criteria)
	5	E	High risk	<70		Mineworking unflooded inactive with shallow workings near surface
	6	F	Very high risk	>70		Recent landfill site

Figure 3: Characteristic Gas Screening Situation (via CIRIA C655): Table 8.5

6 REVISED CONCEPTUAL SITE MODEL

6.1 OVERVIEW OF PRELIMINARY CSM

The preliminary Conceptual Site Model (CSM) was developed to identify potential pollutant linkages at the site using the source–pathway–receptor approach. It considered both on-site and off-site potential contamination sources, potential pathways such as dermal contact, ingestion, inhalation and leaching, and potential receptors, including human health, controlled waters, buildings and vegetation.:

1. **On-Site Human Health**
 - End-users (e.g., future occupants)
 - Construction workers
 - Site Neighbours
2. **Controlled Waters**
 - Groundwater (Secondary Aquifer)
3. **Built Environment**
 - Water Supply Pipes

Each potential pollutant linkage was assessed in terms of likelihood¹, consequence and resulting risk classification.

Risks to site workers and the environment arising from potential land contamination during the construction phase should be managed through the implementation of appropriate construction-phase risk assessments and method statements. Accordingly, construction-phase risks associated with potential contamination are not considered further in this assessment and should instead be addressed by the Principal Contractor through the preparation and implementation of suitable risk assessments and method statements (RAMS) and the Construction Phase Plan (CPP).

Following completion of the ground investigation and review of the results, the Conceptual Site Model has been updated.

6.2 REVISED CONCEPTUAL SITE MODEL

Table 9: Conceptual Site Model (CSM)

Potential Source	Potential Pathway	Potential Receptor	Comments	Risk Rating
Ferry Island historical uses	Direct contact, ingestion and dermal contact	End users	The most recent assessment identified lead exceedances in soil above the relevant GAC for the proposed end use. However, the exceedances were recorded at depth and are expected to be removed or rendered inaccessible during the development. In addition, the site will be stripped to formation level and covered by hardstanding and/or soft landscaping with suitable imported clean cover material, thereby breaking the direct contact pathway.	Low risk following redevelopment / mitigation
General industrial uses	Direct contact, ingestion and dermal contact		Historical industrial activity may have contributed to localised contamination within the Made Ground. However, based on the investigation findings and the proposed redevelopment, including excavation and cover placement, the direct contact risk to end users is considered low.	Low risk following redevelopment / mitigation
Made Ground	Direct contact, ingestion and dermal contact		Made Ground is present across the site and contains localised contamination. Provided the proposed remediation measures are implemented, including excavation of shallow impacted soils where required and provision of suitable hardstanding and clean cover in landscaped areas, the direct contact pathway to end users will be adequately mitigated.	Low risk following redevelopment / mitigation
Ferry Island historical uses	Direct contact, ingestion and dermal contact	Construction and maintenance workers	Direct contact pathways may be active during intrusive construction and maintenance works. These risks should be managed through appropriate site controls, including PPE, suitable working methods, and site-specific RAMS.	Manage through construction-phase controls
General industrial uses	Direct contact, ingestion and dermal contact		Potential contamination associated with historical industrial uses may present a risk during intrusive works. Appropriate construction health and safety measures should be implemented by the Principal Contractor.	Manage through construction-phase controls

Potential Source	Potential Pathway	Potential Receptor	Comments	Risk Rating
Made Ground	Direct contact, ingestion and dermal contact		Made Ground may contain contaminants that could pose a risk during intrusive works. These risks should be managed through appropriate construction-phase mitigation measures.	Manage through construction-phase controls
Natural geology	Direct contact, ingestion and dermal contact		Natural strata are not generally considered to present a significant contamination risk to construction workers, although normal good practice should be followed during excavation and earthworks.	Low risk / good practice
Ferry Island historical uses, general industrial uses, Made Ground and natural geology	Ground gas migration and vapour inhalation	End users and buildings	Ground gas monitoring results indicate a Characteristic Situation 1 (CS1) classification in accordance with CIRIA C655. VOCs detected in vapour samples were not identified at significant concentrations in the corresponding soil and groundwater samples. On this basis, the risk associated with ground gas and vapour migration is considered low.	Low risk
Ferry Island historical uses, general industrial uses, Made Ground and natural geology	Chemical attack on buried concrete	Buried concrete and foundations	Sulphate concentrations within the Made Ground and underlying natural strata may affect buried concrete. Concrete design should therefore be based on the relevant aggressivity classification for the ground conditions.	Design consideration / mitigation required
Ferry Island historical uses, general industrial uses and Made Ground	Permeation by hydrocarbons	Potable water supply pipes and buried services	Based on the most recent investigation, exceedances of hydrocarbons, including TPH and PAHs, were identified in groundwater. However, the known below-ground services within the site comprise telecommunications infrastructure rather than potable water supply pipes, and the risk of significant damage to these services from hydrocarbon contamination is therefore considered to be low.	Low risk / design consideration

Potential Source	Potential Pathway	Potential Receptor	Comments	Risk Rating
Ferry Island historical uses, general industrial uses, Made Ground and natural geology	Leaching and lateral migration	Controlled waters: Secondary Aquifer, surface waters and Principal Aquifer	Based on the most recent site investigation, TPH, PAHs, arsenic and zinc were identified in groundwater samples. However, the impact is considered likely to be localised. Previous reporting did not establish a clear groundwater flow direction within the shallow strata, and the groundwater is considered to be perched within clayey Made Ground, which is likely to be of relatively low permeability. On this basis, widespread migration is not currently indicated. Subject to the proposed hotspot excavation works being undertaken to remove potential contaminant sources, the risk to controlled waters from continued leaching to groundwater is considered to be low.	Low risk

Note: The potential source, and the description is in reference to Table 2

7 REMEDIATION OBJECTIVES

7.1 GENERAL

The proposed remediation strategy has been developed to break or remove the potential pollutant linkages identified in the revised Conceptual Site Model. The objective of the remediation works is to ensure that the site is suitable for its proposed end use and does not pose an unacceptable risk to future site users, construction and maintenance workers, controlled waters, or the wider environment.

The sequence of works for this scheme is:

- Demolition of the existing structures;
- Excavation and removal of any identified localised contamination hotspots, where required;
- Placement of hardstanding in proposed hard landscaped / built areas, as part of the permanent development cover;
- Placement of a 300 mm capping layer in landscaped areas, underlain by a suitable filter layer; importation and placement of suitable clean materials, where required, in accordance with the remedial specification; and
- Completion of soft landscaping works.

The remedial works shall be inspected and verified by a suitable qualified and experienced environmental consultant.

The Contractor shall submit a method statement to Whitby Wood for review prior to commencement of the works. The method statement shall demonstrate that potential contamination risks have been considered, and that appropriate procedures, control measures, and contingency arrangements will be implemented to prevent the release, migration, or spread of contaminated ground, groundwater, surface water, dust, vapours, or other airborne contaminants during the works.

7.2 SUMMARY OF MITIGATION MEASURES

Table 10 describes the methods to be used for the areas to be developed with structures and the areas to be landscaped.

Table 10: Remedial Options for Permanent Works

No.	Proposed Remediation Measure	Linkage	Comments
Area of Hard Landscaping			
1	Areas of Hard Landscaping / Built Cover	Breakage of source-pathway-receptor linkage	In areas to be covered by buildings, pavements, roads or other hardstanding, the direct contact pathway will be broken by the permanent hard cover. Where required, localised contamination hotspots will be excavated and removed prior to construction. Any excavated areas shall be backfilled with suitable clean engineered impermeable fill, as necessary, in accordance with the remedial specification.
Site wide measures			
1	Localised Hotspot Excavation and Removal	Source removal	Localised areas of contamination identified during the ground investigation, or encountered during the works, shall be excavated and removed where necessary to remove unacceptable risks to human health, controlled waters, or buried infrastructure. Excavated materials shall be managed, classified and disposed of appropriately, and any resulting excavations shall be reinstated using suitable validated materials.

No.	Proposed Remediation Measure	Linkage	Comments
2	Imported Materials Validation	Mitigation / verification	All imported capping, fill and topsoil materials shall be subject to appropriate validation testing and verification to confirm that they are suitable for use and compliant with the proposed end use.
3	Unexpected Contamination Procedure	Contingency measure	In the event that previously unidentified contamination is encountered during the works, the affected area shall be isolated, and works shall cease in that area until the extent and nature of the contamination have been assessed. Appropriate remedial measures shall then be agreed and implemented as necessary.
Area of Soft Landscaping			
1	Areas of Soft Landscaping / Capping Layer	Breakage of source–pathway–receptor linkage	In soft landscaped areas, a minimum 300 mm layer of suitable clean cover material will be placed above underlying soils to provide an appropriate separation barrier for future users. The final build-up and specification of the landscaped areas will be confirmed at detailed design stage, but the clean cover system will be designed to maintain the integrity of this separation layer.

7.3 INFLUENCE OF REMEDIATION WORKS TO RECEPTORS

7.3.1 On-site Human Health

Potential human health risks associated with the presence of Made Ground were identified in the revised Conceptual Site Model. These relate primarily to the potential exposure of construction workers to contaminants through inhalation of dust, accidental ingestion of soil, and dermal contact during intrusive groundworks.

Construction workers may be exposed to contaminated materials during excavation and earthworks activities. These risks will be managed through the implementation of appropriate construction-phase control measures, including the use of personal protective equipment (PPE), suitable working methods, and site-specific risk assessments and method statements (RAMS). Groundworkers will be provided with appropriate PPE where there is a potential for contact with contaminated materials, including protective clothing, gloves, and suitable footwear.

Following completion of the development, the risk to end users will be reduced through a combination of localised excavation and removal of identified contamination hotspots, the provision of permanent hard cover in hard landscaped areas, planting within the soft landscaped area, and the installation of a clean impermeable cover system within the entire landscaped area. The identified exceedances are generally associated with Made Ground at a depth of 1.5m below and the groundwater, approximately 2.5 m below ground level, which further reduces the likelihood of direct contact under the completed development scenario.

Risk mitigation will therefore be achieved through the removal of contaminated deposits where necessary and the installation of permanent cover layers to break the source–pathway–receptor linkage.

Within landscaped areas, the remediation strategy includes the placement of a minimum 300 mm capping layer of suitable clean material, underlain by a filter layer, to provide separation from the underlying Made Ground. This will break the direct contact pathway and provide a suitable growing medium for soft landscaping. In hard landscaped and built areas, the direct contact pathway will be broken by the permanent hard cover.

7.3.2 Off-site Human Health

Site neighbours are unlikely to be exposed to contaminants within the Made Ground, as they will not come into direct contact with site soils and therefore do not have a direct exposure pathway via dermal contact or accidental ingestion.

The potential for off-site exposure through inhalation of contaminated dust is considered low. Although metals and

other contaminants may be present within soil particles, they are not volatile and would only be transported beyond the site boundary through the generation and migration of particulate dust.

During construction works, although metals and other contaminants may be present within soil particles, they are not volatile and would only be transported beyond the site boundary through the generation and migration of particulate dust.

7.3.3 Controlled waters

Controlled waters, including the underlying aquifer, are present beneath the site, with the superficial deposits classified as a Secondary A Aquifer. Based on the 2026 Ground Investigation, groundwater levels were recorded at depths between approximately 1.84 m and 2.64 m below ground level.

The 2026 ground investigation identified groundwater exceedances for TPHs, PAHs, dissolved arsenic and zinc. Hydrocarbon (TPHs & PAHs) exceedances were identified in one groundwater monitoring well, which may indicate a localised impact.

The proposed mitigation comprises localised excavation of the identified source area in order to remove contaminated material and reduce the potential for further leaching to groundwater. Excavated areas would be backfilled with clean engineered fill. This approach is intended to remove the likely source of contamination and thereby reduce the risk to controlled waters.

In addition, the site will be overlain by a cover layer. Although primarily intended to break direct contact pathways to human receptors, the cover layer may also reduce infiltration through impacted soils and thereby help limit further leaching to groundwater.

7.4 CLASSIFICATION OF EXCAVATED MATERIALS.

The chemical testing of the future excavated materials shows almost no exceedances of any known contaminants beyond 2 exceedances of lead 1.5m below ground.

Within the Suite J testing of the soils, waste assessment criteria (WAC) showed that all except three samples were below exceedance for inert landfill waste, and the three exceedances were for inert landfill waste.

7.5 CONTRACTOR'S METHOD STATEMENT AND INSPECTION OF REMEDIATION WORKS

The Principal Contractor shall submit, in advance of the works, a method statement(s) to Whitby Wood for approval. The method statement(s) shall demonstrate that all relevant potential contamination issues have been considered, and that appropriate procedures and contingency measures will be implemented to mitigate against the possible release of ground, liquid or airborne contaminants.

Work method statement is to be prepared by the Principal Contractor, reviewed by Whitby Wood and shall be approved by the Local Authority, if necessary.

Responsibility for the correct implementation of the remediation strategy lies with the appointed Contractor. However, the remedial works shall be inspected and validated by a suitably qualified and experienced Environmental Consultant.

7.6 INSPECTION AND TESTING

It is recommended that the Environmental Consultant should be present on the site during the proposed remediation works. Laboratory analyses shall be carried out at an MCERTS and UKAS-accredited laboratory.

It is possible that the groundworks/remediation will encounter different conditions from those revealed by the site investigation that may require special treatment or other alleviation measures. When the Contractor encounters unexpected ground conditions or potentially suspect materials, the Environmental Consultant shall be informed immediately to carry out an inspection as soon as is reasonably practical. The Environmental Consultant shall advise the Client and Contractor of any requirements of additional investigations or possible modifications to the remediation works.

8 WORKING PRACTICE AND WATCHING BRIEF

8.1 STAFF TRAINING/BRIEF

All site staff, site contractors and site visitors, shall be briefed on the site conditions, and should be aware of any potential contamination present on site, including any land, water or airborne contamination, any specific location on site that is most likely to be affected. If any contamination is encountered in site observations, it must be recorded as highlighted in section 5.2 and 5.3.

The following measures are suggested to provide a minimum level of protection:

- All ground workers on-site should be issued with protective clothing, dust masks, footwear and gloves.
- Care should be taken to minimise the amount of mud generated on-site

Reference should be made to the following Health and Safety Executive (HSE) document:

- CIRIA Report R 132 Guide for safe working on contaminated sites

8.2 WASTE DISPOSAL

Classification of any material to be disposed of to landfill shall be agreed in advance with the landfill operator(s), as appropriate. Any waste classified as “Hazardous” shall be disposed of in accordance with the Hazardous waste Regulations 2005.

All contaminated materials removed off-site shall be transported to an approved licensed landfill for final disposal. The Contractor shall provide a full documentary record of the operation. Copies of the documents should be provided to the Environmental Consultant for inclusion in the verification report.

8.3 WATCHING BRIEF

Watching brief is an action put into place to help minimise the infiltration of any contamination which was not present during the site investigation. The watching brief consists of:

- Any observation of contamination made during the development by any member of site staff, contractors or visitor.
- Photographic record of key stages of the development and key events, including new encounters with any contamination, formation levels of excavation, any reduced level dig/mass, and formation of landscape.

Areas with greater concern of contamination should be provided with a more specific watching brief to ensure risk is minimised on site. The brief should be prepared by a qualified site manager and/or by an environmental consultant.

During the development, the site manager is accountable and responsible for observing any works requiring the removal of the Made Ground during piling works to ensure any contamination encountered and method of contamination removal are recorded.

8.4 DISCOVERY STRATEGY

The discovery strategy specifies the actions that should be taken in place if contamination is encountered during the works.

Examples of significant observations are identified below in Table 11 but are not only restricted to these items.

Table 11: Examples of Significant Observations

Evidence	Description
Visual	Waste material (refuse, barrels, industrial wastes, ash, tar, etc) buried across the site. Fuel or oil like dark coloured substances present on soil surfaces mixed, smeared, or floating as well as presenting in the surface or ground water. Coloured marks across the site, for example colours such red, yellow, orange, green, light or dark blue, etc can be an indication of contamination. Large quantity of unexpected soil such as ash and clinker can suggest contamination
Odours	Hydrocarbon, Fuel, oil, and chemical type odours Unusual odours, such as sweet or fishy odours
Wellbeing	Nausea and light headache by staff or visitor during excavation works, when visual or olfactory evidence of contamination exists. Blistering, burning, or reddening of the skin due to contact with the soil. Difficulty in breathing for example burning of nasal passages, throat, lungs or skin.

9 VERIFICATION REPORTING

9.1 GENERAL

A Verification report is a requirement of the planning process to help verify remedial works are completed in accordance with approved methodologies and the risk associated with contamination is reduced ensuring the site is suitable for the end-users. The verification report is provided once all groundworks, including foundation works, are completed.

The following items are assessed in the verification report; therefore, information should be provided during the course of the works.

- Details of method statement for the following earthwork
- Geotechnical and Chemical composition data for both on-site and imported materials
- Copies of relevant waste management/disposal licenses
- Waste Disposal Records

A summary of the verification evidence is listed below in Table 12

Table 12: Summary of Verification Evidence

Verification Evidence	Comment
Work Method Statement	Details of how excavation and material handling were carried out • Excavation approach. • Handling of contaminated materials. • Stockpiling methods. • Backfilling approach. • Unexpected contamination procedure.
Geotechnical and Chemical Composition Data	Results of: • geotechnical testing confirming the suitability of the clean fill for the site. • Results of the chemical testing to classify the soil removed from site for appropriate disposal. • Validation sampling results post excavation to demonstrate the fill on site is below the appropriate GAC threshold.
Copies of relevant waste management/disposal licenses.	Evidence of licenses demonstrating the contractors have the legal right to dispose of materials. • Waste Carrier Licences. • Disposal site environmental permits. • Contractor Authorisations. • EA consents.
Waste Disposal Records	Evidence of the excavated volume and the disposal location. • Liquid waste disposal summary. • Hazardous waste disposal summary. • Waste Consignment notes. • Tip tickets for each waste disposal facility use. • Liquid waste transfer notes.

9.2 VERIFICATION OF IMPORTED TOPSOIL

Imported topsoil that is used for soil remediation works (capping) shall be sampled and analysed to demonstrate its chemical suitability. Analyses of the samples shall be carried out at an independent accredited laboratory (by UKAS and MCERTS) for an analytical suite which should include the following as a minimum.

- Particle size analysis and stone content
- PH and electrical conductivity values
- Heavy metals (As, B, Ba, Be, Cd, Cr, Cu, Pb, Hg, Ni, Se, V, Zn)
- Aromatic and aliphatic TPH
- Soil organic matter content
- Speciated PAHs

Sampling and analyses of the topsoil shall be carried out in accordance with guidelines and test methods provided in BS 3882:2015. Analytical results should be compared with Soil Guideline Values (SGV) published by the Environment Agency or relevant Generic Assessment Criteria (GAC).

The following frequency and quantity of topsoil samples are required:

- Natural source: 1 sample per 40m³, a minimum of 3 samples
- Recycled or Manufactured: 1 sample per 20m³, a minimum of 3 samples

9.3 VERIFICATION OF SOIL CAPPING IMPLEMENTATION

The following inspection shall be carried out by the contractor on site to ensure that the proposed capping thickness is adopted on site.

- Inspection record at the proposed soil capping works
- A site plan confirming sample and depth check locations
- Confirmation of clean cover depth including photos (could be done by trial pit and use of photographs and/or logging of encountered soil)
- Confirmation of the presence of anti-dig layer

The inspection should be carried out with the minimum frequency of 1 at each plot

Appendix 1 – (2026) Generic Quantitative Risk Assessment



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FERRY ISLAND PLOT F

GENERIC QUANTITATIVE RISK ASSESSMENT

P451152-WW-XX-XX-RP-G-001

Status: S2 - Suitable for information

P451152

Revision: P02

Client: Midgard

Date: 11/08/2026

REVISION HISTORY

REVISION	DATE	DESCRIPTION OF CHANGE	PREPARED BY:	REVIEWED BY:	APPROVED BY:
P01	25/03/26	First Issue	TT	SM	MV
P02	14/05/26	Updated for addition Ground Investigation Information	TT	SM	SM
P03	11/08/26	Minor Updates	TT	SM	SM

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DISCLAIMER

Whitby Wood Limited (WW) is appointed by Midgard to provide Structural, Civil and Geotechnical consultancy services for the development of Ferry Island Plot F.

This report has been produced for the exclusive use of Midgard for the purposes set out herein only and it should not be used in whole or in part by any third parties without the express permission of WW in writing. WW neither owes nor accepts any duty to any third party whether in contract, tort or otherwise and shall not be liable for any loss, damage or expense of whatsoever nature which is caused by their reliance on the information – beyond the remediation strategy – contained in this report.

1 INTRODUCTION

1.1 PROJECT BACKGROUND

The Ferry Island, Plot F development is located adjacent to Ferry Lane A503, Tottenham Hale, London, N15 4QD, approximately at grid reference E534323, N189491, within the London Borough of Haringey. An old underground tank was previously identified on the site, with its approximate location shown in Figure 1; however, it is currently unknown whether the tank remains present on site.

The wider Ferry Island site includes two on going developments, Building 1 and Building 2. However, the current assessment relates specifically to Ferry Island Plot F, which comprises the landscaping plot and is separate from the plots on which Buildings 1 and 2 are located.

Plot F is currently cleared to ground level and is entirely covered with hardstanding at approximately 8.5 mOD. To the southeast corner of Plot F are underlying existing Victoria Line Tunnels (Figure 1) and ~120m East, Tottenham Hale Station. The site, Ferry Island, consists of two buildings which form part of the wider Tottenham Hale masterplan. Ferry Island's two buildings consisting of three towers; 37 storeys; 20 storeys; 14 storeys and are all connected by a combined basement.



Figure 1: Annotated Ferry Island (Google Earth 2026 Copyright)

1.2 OBJECTIVES

The principal objectives of this assessment were as follows within the landscaping area:

- To determine the current contamination status of soil and groundwater beneath the plot
- To assess whether contamination is present within soil and/or groundwater beneath the plot at concentrations that could impact future site uses/occupiers and the wider environment, significantly constrain the proposed use of the site or affect the development process.

The scope of this assessment has been designed in accordance with Environment Agency (EA) Contaminated Land Report 11 (CLR11): Model Procedures for the Management of Land Contamination.

1.3 LEGISLATION AND GUIDANCE

This report has been produced in general accordance with:

- Contaminated Land (England) Regulations 2006 (as amended)
- DEFRA Environmental Protection Act 1990: PART 2A – Contaminated Land Statutory Guidance (2012)
- National Planning Policy Framework (2023)
- British Standard requirements for the ‘investigation of potentially contaminated sites – Code of practice’ (ref: BS 10175 -2011 - A1-2013)
- British Standard requirements for the ‘Code of practice for site investigations’ (ref: BS 5930.2015+A1.2020)

1.4 SITE HISTORY AND CURRENT USE

The historical development of Ferry Island – Tottenham Hale:

- **Pre-1864 – Residential Use** . The plot was predominantly residential, comprising terraced houses.
- **Late 1800s – Water Works Infrastructure** . The eastern plot boundary intersected a building associated with a Water Works (later referred to as a pumping station), along with a filter bed.
- **By 1913 – Filter Bed Removed from Mapping** . The filter bed was no longer shown on the 1913 map.
- **By 1936 – Redevelopment of Residential Area** . Residential properties in the southwest of the plot were redeveloped into a single building, and the pumping station was no longer indicated.
- **By 1954 – Commercial/Automotive Use** . A garage was present to the south of the plot, and the former pumping station building had been converted into a Motor Vehicle Service and Repair Depot.
- **1970s–1980s – Plot Redevelopment** . The site underwent redevelopment, including modification of the southeast corner into a new road junction.
- **By 2002 – Single Commercial Building** . A single building had been constructed in the centre of the plot and, at the time of the desk study, was occupied by three commercial units (an electronics retailer and restaurants).

1.5 AVAILABLE GROUND INVESTIGATION AND GEO-ENVIRONMENTAL REPORTING WORKS

The following reports have been referenced as part of this Generic Quantitative Risk Assessment:

- Langan International (2021), Geoenvironmental Assessment Report no.010
- Endeavour Drilling (2026), Ground Investigation, Report no. END26-012 [Revision: Final]

2 PREVIOUS GEOENVIRONMENTAL ASSESSMENT REPORT

2.1 GEOLOGY

The geology, ground conditions and a review of a previous ground investigation of the Ferry Island Plot F site has been summarised in a Geo-Environmental Site Assessment by Langan International (Ref: 010 Geo-environmental Assessment Report, 2021 "). Their findings are presented in Table 1

Table 1: Summary of Previously Encountered Geology

Stratum	Depth to Base of Stratum (mbgl)	Thickness (m)
Made Ground [1]	3.70	3.70
Enfield Silt	[1]	
Kempton Park Gravels	[1]	
London Clay	19.10	13.50
Lambeth Group	Proven to 35.95	Proven to 16.85

Note: [1] refers to Not Encountered (no recovery between 3.70 – 5.60m)

2.2 GROUNDWATER AND HYDROGEOLOGY

The strata on site fall under the following aquifer designations as presented in Table 2.

Table 2: Aquifer Designation

Stratum	Aquifer designation	Aquifer Designation Description
River Terrace Deposits	Secondary Aquifer – A	Secondary A aquifers comprise permeable layers that can support local water supplies and may form an important source of base flow to rivers.
Lambeth Group		
Chalk	Principal Aquifer	Principal Aquifers are able to provide significant quantities of drinking water and water for commercial needs.

2.3 LIST OF CONTAMINATION OF CONCERNS

The previous geoenvironmental assessment report identified the following list of contaminants of concern:

- Heavy metals and metalloids
- Acids / alkalis
- PAHs, TPHs, MTBE, PCBs
- Asbestos
- Sulphate
- Phenols
- Ground Gases
- SVOCs and VOCs
- Cyanide

As per information from the Desk Study, the ground investigation scheme for the site was designed to identify and quantify the presence of the contaminants above, and its potential risks to the proposed development. A preliminary risk assessment was carried out, as presented in Section 2.4.

2.4 SUMMARY OF ASSESSMENT REPORT

Langan International undertook a geo-environmental assessment for the Tottenham Hale Centre development in the Haringey council area. Langan was engaged by Whitby Wood to provide geo-environmental advice in support of the proposed scheme. The ground investigation involved:

- 6.no Membrane Interface Probe (MIP)/ Cone Penetration Test (CPT) locations, including MIP101, which was specifically used to investigate near-surface geology and screen for potential chlorinated hydrocarbons.
- 9.no Cable Percussive Boreholes, including EBH103 and EBH105B, which were drilled to obtain environmental samples and install monitoring infrastructure. These two locations provided key information on groundwater conditions and contaminant distribution relevant to the site assessment.

Locations MIP101, EBH103 and EBH105B are significant exploratory holes as they are positioned directly on the Ferry Plot F.

EBH103 recorded the presence of TPHs (heavier hydrocarbons) in the groundwater; however, concentrations were below the GAC thresholds. Gas vapour readings were also below exceedance values.

EBH105B contained Made Ground with Aliphatic and Aromatic hydrocarbon chains well above the GAC exceedance criteria, at 2180 mg/kg. The Made Ground also included lead samples exceeding limits at 1.2m and 1.5m. In addition, VOCs (including 2-Methylnaphthalene and Anthraquinone) were detected. Groundwater monitoring also recorded 1.70 µg/L of copper.

Other, but less relevant detections also included the presence of Lead, PAHs and TPHs.

The assessment came to state that the risk to end users is low, as the site was **planned** be stripped to a 0.5m depth and the soil to be replaced with clean engineering fill (cover) for a suitable construction platform and then to be covered with hard landscaping post construction.

It was also concluded that the risk of vapour inhalation or pathways to end users is considered low to medium.

3 2026 SITE INVESTIGATION

3.1 GENERAL

In 2026, a ground investigation was undertaken by specialist contractor Endeavour Drilling due to the change in scope about the proposed use of the site. The investigation comprised of 6 dynamic sampling boreholes (generally to a depth 5.0m below ground level). Installation of 4 combined gas/groundwater monitoring standpipes and a programme of laboratory analyses. The work confirmed Made Ground to depths of up to 3.40m underlain by Kempton Park Gravels and London Clay, with groundwater encountered at approximately 1.84 - 2.64 m bgl (5.81 – 6.34mOD). The report provides detailed data on ground conditions, contamination testing and gas/groundwater monitoring. Table 5 presents stratigraphy encountered during the ground investigation.

Table 3: Encountered Stratigraphy

Stratum	Depth to Base (mbgl)	Top Level (mOD)	Thickness Range (m)	Description
Concrete	0.30	8.33	0.30	CONCRETE
Made Ground	3.35	8.03	3.05	Clayish, with concrete, gravel brick, mortar, clinker asphalt fragments
Kempton Gravels	4.70	4.78	1.35	Light grey mottled dark grey slightly silty coarse sub-angular to rounded gravel
London Clay	5.00	3.63	0.30	Firm fissured dark grey silty Clay.

3.2 FIELDWORK

Fieldwork was carried out between the 5th and 10th February 2026. The fieldwork investigation undertaken comprises of:

- 6.No dynamic sampling boreholes up to 5.00m bgl for geotechnical and geoenvironmental sampling.
- 4 No. standpipe installations within the boreholes for ground gas monitoring
- Appropriate sampling in the form of small, disturbed samples, bulk samples and environmental samples
- Geotechnical in situ testing
- Geotechnical and geoenvironmental laboratory testing
- Instrumentation and monitoring of groundwater levels and ground gas concentrations (Five Monitoring Rounds)

NOTE: TPOX refers to dynamic window sampling boreholes as the contractors were not able to conduct Trial Pits due to access constraints (Figure 2).



Figure 2: Location of window sample boreholes

3.3 STRATIGRAPHY AND GROUNDWATER

Table 3 indicates the ground conditions were encountered at the site, as per information from the Factual Report.

The ground profile across the site comprises Made Ground at the surface, consisting of clayey material with subrounded concrete, brick, clinker and ash fragments. Beneath the Made Ground lies a layer of light grey to mottled dark grey, slightly silty, very sandy fine to coarse gravel of subangular to rounded flint, identified as the River Terrace Deposits (Kempton Park Gravel Member). These deposits are underlain by a firm, fissured, dark grey silty clay of the London Clay Formation, which forms the deepest stratum encountered during the investigation.

Groundwater was monitored in WS01, WS02, WS03 and TP04 at depths of around 1.84–2.64 m bgl (5.81 – 6.34mOD) across 5 visits.

No groundwater strike was recorded in TP03, as the hole was terminated early due to a services encounter.

3.4 GEOENVIRONMENTAL LABORATORY TESTING

Selected soil and groundwater samples were sent for geoenvironmental laboratory testing, which was undertaken by Eurofins Chemtest Ltd, a United Kingdom Accreditation Service (UKAS) accredited laboratory. Test description and number of tests are listed below:

Table 4: 2026 Geoenvironmental Laboratory Tests - Soil

Test Description	Number of tests
Suite E – Soil (Heavy Metals, Sulphates, Organic Matter, TPH's, PAH's, VOC's, Phenols, Cyanide and Asbestos)	19
Suite J – Inert WAC	9

Table 5: 2026 Geoenvironmental Laboratory Tests - Water

Test Description	Number of tests
Suite F – Water (Heavy Metals, Sulphates, TPH's, VOC's, PAH's, Total Phenols and Cyanide)	17

3.5 GAS, VAPOUR AND GROUNDWATER MONITORING

3.5.1 Ground Gas / Vapour Monitoring

5 No. rounds of gas and groundwater monitoring visits have been undertaken between on the 24th February and 28th April 2026. Gas monitoring was undertaken using a calibrated Geotech GA5000 Gas monitor and a calibrated ION PhoCheck Tiger Photo Ionisation Detector (PID). A summary of the monitoring is shown in Table 6.

During the second round on the 11th of March, TP04 was covered by loose material and an excavator, thus groundwater and gas monitoring readings were not obtained.

Table 6: 2026 Ground Gas Monitoring Results

Exploratory hole reference	Min steady O2 (%)	Max steady CO2 (%)	Max steady CH4 (%)	Max H2S (ppm)	Max CO (ppm)	Max PID (ppmv)	Max Recorded Flow (l/h)	Min Recorded Flow (l/h)
TP04	18.1	0.8	0.5	0	0	55.7	0.0	-0.1
WS01	16.4	2.1	0.6	1	1	261.9	0.0	0.0
WS02	8.0	3.1	3.7	0	2	918.8	0.1	0.0
WS03	18.0	0.6	0.6	0	1	122.9	0.0	0.0

3.5.2 Interpretation of Ground Gas / Vapour Monitoring

Based on the results above, an assessment was carried out on the risks posed by hazardous ground gases to buildings in accordance with CIRIA C655. The Modified Wilson and Card Classification is used to determine the risk classification based on gas screening value.

Review of the maximum concentration of CH₄ indicates a maximum value recorded of 3.7% at WS02. The maximum flow recorded was identified in WS02, as 0.1 (l/h). As there was no flow recorded during the gas monitoring reading, this resulted in gas screening value of 0.0037 for all the recorded values. The results classification of the gas ground associated with the site is CS1, also known as very low Risk according to CIRIA C655.

Table 7 presents the summary of the assessment, in accordance with CIRIA C655.

Table 7: Ground Gas Risk Table (From CIRIA C655)

Characteristic situation (CIRIA R149)	Comparable Classification in DETR et al (1999)	Risk Classification	Gas Screening Value (GSV) for CH ₄ or CO ₂ (l/hr) threshold	Additional factors
1	A	Very low risk	< 0.07	Typically, methane less than 1 % and/or CO ₂ less than 5%
2	B	Low risk	< 0.7	Borehole air flow rate not to exceed 70 l/hr
3	C	Moderate risk	< 3.5	-
4	D	Moderate to high risk	< 15	Quantitative risk assessment required to evaluate scope of protective measures
5	E	High risk	< 70	-
6	F	Very high risk	> 70	-

Table 8: Assessing Sufficiency of Data

Action	Result
From current results (concentration, flow rates and pressure), estimate likely risk associated with ground gas (note steady state flow results are to be used, not peak values than only last a few seconds on opening the gas tap)	Current estimate of risk $GSV = \text{gas concentration} \times \text{borehole flow rate}$ $GSC = 2.5/100 \times 0$ $= 0 \text{ l/h}$ Characteristic situation = CS1 (maximum limit is 0.07 l/h)
What increase in gas concentration is required to increase the estimated risk and the level of gas protection to be provided	Keeping the current flow rate constant, this is not feasible as the flow rate recorded is 0 l/h
What increase in flow rate is required to increase the estimated risk at the level of gas protection to be provided	Keeping the current concentration constant, the flow rate would need to exceed 3 l/h to move into the next risk band. From the current monitoring data, this flow rate has never been recorded, hence not considered feasible.
Is the increase in gas concentration feasible given the known source of gas	No
Is the increase in flow rate feasible when compared to gas generation and migration model results, the collected gas monitoring data and the conceptual site model	No, it is anticipated that there is future increase of flow rate is negligible
Decide whether further monitoring is required	Based on the above analysis, further gas monitoring is not deemed to be required.

3.5.3 Groundwater Monitoring

Water sampling was undertaken in accordance with the latest version of BS EN ISO 5667-1:2023. On each occasion groundwater was sampled using low-flow methods. Any evidence / absence of potential contamination

was recorded. Dual standpipes were installed in each window sample, with being one being 19mm and the other being 50mm. The standpipes were then encased in a gravel surround, and the exploratory holes were reinforced with bentonite seals, and then at the surface finally finished with flush covers.

Groundwater levels were recorded in the monitoring wells during the monitoring visits, and the results of the groundwater levels within the 50mm standpipes are presented in Table 9.**Error! Reference source not found.**

Table 9: Groundwater Monitoring Results

Window Sampler Reference	Ground Level (mOD)	Depth of Monitoring (m bgl)	Round-1 (mOD)	Round-2 (mOD)	Round-3 (mOD)	Round-4 (mOD)	Round-5 (mOD)
			24/02/2026	11/03/2026	23/03/2026	30/03/2026	08/04/2026
TP04	8.18	5.00	6.34	-	6.08	5.98	5.81
WS01	8.45	3.00	6.11	5.99	5.91	5.88	5.83
WS02	8.47	5.00	6.15	5.96	5.96	5.83	5.88
WS03	8.46	4.66	6.16	6.03	5.98	5.92	5.88

4 ASSESSMENT OF SOIL AND CONTROLLED WATER LABORATORY TEST RESULTS

4.1 GAC VALUES

Generic Assessment Criteria (GAC) were selected to provide screening values for the assessment of soils and groundwater at the site, based on the proposed end use of Public Open Space – Residential. The adopted criteria were taken from recognised industry guidance and relevant regulatory standards, including CL:AIRE (2010), SoBRA (2017), the Water Supply (Water Quality) Regulations (England and Wales) 2018 and Langan International, REP-010 Langan International Geoenvironmental Assessment (2021).

These criteria were used to review the laboratory results obtained during the ground investigation and to identify whether contaminants may present a potential risk to the identified receptors. Soil concentrations were compared against the relevant human health criteria, while groundwater results were assessed against appropriate water quality and vapour screening values where applicable.

For the assessment of direct human health risks associated with soils, the adopted GAC were based on the Public Open Space – Residential exposure scenario, reflecting the proposed development. For volatile contaminants, the adopted human health vapour criteria were based on the residential without homegrown produce scenario, as published by SoBRA (2017). For the assessment of controlled waters, groundwater laboratory results were compared against the relevant Drinking Water values derived from the Water Supply (Water Quality) Regulations 2016.

Where measured concentrations are below the adopted screening criteria, the potential risk to the identified receptors is generally considered to be low. Where concentrations exceed the selected criteria, this may indicate the need for further consideration, including refinement of the conceptual site model, additional assessment, or the implementation of appropriate remediation or mitigation measures.

The full list of adopted GAC values against laboratory results is provided in Appendix C.

4.2 COMPARISON OF SAMPLE ANALYTICAL RESULTS TO RELEVANT SCREEN VALUES

Based on the assessment, the following results are identified:

Soil Samples

- Exceedance of heavy metal content is present in two samples, in the following locations:
 - Lead in TP02 at 1.5 mbgl.
 - Lead in TP04 at 1.5 mbgl.

Groundwater Samples

- Contamination exceedances were recorded (17 of 17), in the following locations:
 - Arsenic in WS02, WS03 & TP04.
 - Zinc in WS01
 - TPH and PAH exceedances.

Leachates

- Nine leachate tests were performed as part of Suite J. Results primary indicated inert waste, but several instances of non-reactive hazardous waste were noted in the following locations:
 - Antimony in WS02 at 2.00mbgl
 - Antimony in WS03 at 2.00mbgl
 - Sulphate and Dissolved solids in TP04 at 1.00mbgl

Gas and Groundwater Monitoring

- Dark greyish brown, turbid groundwater identified in WS01, WS02 & TP04
- Sheen and free product in suspension observed in WS02.
- Very strong hydrocarbon odour noted in WS01 & WS02.

- No LNAPL or DNAPL identified.
- Gas Screening Value classified the site as very low risk, as discussed in 3.5.3
- Groundwater level fluctuates across the site

5 REVISED CONCEPTUAL SITE MODEL

5.1 GENERAL

The potential pollutant linkages identified as part of the preliminary Risk Assessment and Conceptual Site Model have been assessed in light of the findings of the site investigation and are discussed below for each of the individual receptors identified.

5.2 FUTURE SITE USERS

The proposed end use of the site is classified as Public Open Space – Residential in accordance with the adopted GAC criteria. The previous GQRA identified exceedances of aromatic petroleum hydrocarbons; however, no such exceedances were recorded in the recent ground investigation.

The most recent ground investigation identified exceedances of lead, arsenic, zinc and hydrocarbons. Lead exceedances were identified in two soil samples at approximately 1.5 m below ground level, located at opposite ends of the site, and are considered to be localised. Hydrocarbon exceedances, comprising TPHs and PAHs, were identified in one groundwater sample at 2.5 m below ground level. Arsenic and zinc were also identified in groundwater at a depth of 2.5 m below ground level.

Given the depth and localised nature of the identified soil contamination, a direct contact pathway to future site users is not considered likely under the proposed development scenario. Overall, the risk to future site users is therefore considered to be low, particularly where the proposed mitigation measures are implemented.

The proposed development will include the removal of material to the required depth, together with localised hotspot excavations where necessary to remove contaminant sources. Excavated areas will be reinstated using clean engineered fill. In addition, the site will be overlain by a 300mm minimum impermeable cover layer, including 25 mm gravel filter layer at the base (refer to SK-G-001).

The hotspot excavations will remove localised sources of contamination, while the cover system and hard landscaping will act as a barrier preventing direct contact with underlying soils. Together, these measures are expected to break the relevant pollutant linkages and prevent the formation of a complete pollutant linkage to future site users under the proposed development scenario.

Risk mitigation will therefore be achieved through the removal of contaminated deposits where encountered and the installation of a clean cover system. The site is expected to incorporate engineered fill across its surface, replacing existing Made Ground and breaking the source–pathway–receptor linkage.

Within landscaped areas, soft landscaping will include a minimum 300 mm clean soil cover layer in accordance with BRE 465 guidance. Beneath this layer, a thin gravel layer will be installed to act as a filter layer, acting as a separation between the underlying clayey Made Ground. Above the cover system, areas of hard landscaping will also be installed. The final depths of the hard landscaping layers have not yet been confirmed.

Following construction, the risk to end users will be significantly reduced through the removal of Made Ground and the installation of clean engineered fill across the site. In addition, the identified contamination is located at approximately 1.5 m below ground level, which further reduces the potential for direct contact.

5.3 OFF-SITE HUMAN RECEPTORS – CONSTRUCTION RISK

The most likely pathway of exposure however is during the construction phase. Offsite human receptors may be exposed via inhalation of windblown dust from stockpiles of excavated materials. It is assumed that standard best practice will be carried out by the main contractor and stockpiles are unlikely to be exposed for extended periods of time. Long term exposure is, therefore, unlikely. Based on this information, the risk to offsite human health receptors is considered low.

5.4 CONSTRUCTION WORKERS

Two risks associated with the presence of Made Ground were identified in the revised Conceptual Site Model. These relate to potential exposure of construction workers to contaminants through inhalation of dust, ingestion of

soil, and dermal contact during groundworks.

Construction workers may be directly exposed to contaminated materials during excavation activities. To mitigate this risk, appropriate control measures will be implemented, including the use of personal protective equipment (PPE). All groundworkers will be provided with suitable PPE when working in contact with potentially contaminated materials, including protective clothing, gloves and appropriate footwear.

5.5 CONTROLLED WATERS

Groundwater, specifically the Secondary Aquifer, is identified as both a receptor and a pathway within the pollutant linkage. This section focuses on its role as a receptor. The previous conceptual site model (CSM) noted that VOCs and SVOCs were below detection limits and that groundwater flow direction was unclear, suggesting that groundwater movement may be influenced by rainfall events rather than consistent lateral migration.

The 2026 ground investigation identified groundwater exceedances for TPHs, PAHs, dissolved arsenic and zinc. Hydrocarbon (TPHs & PAHs) exceedances were identified in one groundwater monitoring well, which may indicate a localised impact.

The proposed mitigation comprises localised excavation of the identified source area in order to remove contaminated material and reduce the potential for further leaching to groundwater. Excavated areas would be backfilled with clean engineered fill. This approach is intended to remove the likely source of contamination and thereby reduce the risk to controlled waters.

In addition, the site will be overlain by a cover layer. Although primarily intended to break direct contact pathways to human receptors, the cover layer may also reduce infiltration through impacted soils and thereby help limit further leaching to groundwater.

5.6 BUILDINGS (ON SITE AND OFF SITE)

Identified in the previous CSM, it was concluded that there is a low-medium risk of ground gas build up due to low concentrations of VOCs. It can be assumed that the surrounding buildings on the ferry island plot have a low chance of experiencing gas migration.

The most recent ground investigation did not identify any exceedances of SVOCs/VOCs within the soil samples. The gas and groundwater monitoring identified a Gas Screening Value (GSV) of 0.0037, which is classified as Characteristic Situation 1 under CIRIA R149, of which is a very low risk classification.

No specific remediation will be required for this pollutant linkage, as there is a low risk of vapour and gas build up.

5.7 CONSTRUCTION MATERIALS

The previous GQRA identified potential pollutant linkages associated with Made Ground and groundwater. In relation to construction materials, the principal contaminant of concern is sulphate, which has the potential to affect buried concrete. TPH and PAH exceedances were identified in groundwater during the recent investigation; however, these contaminants are not generally considered to pose a significant risk to concrete or other conventional construction materials in this context. Accordingly, they are not considered to represent a significant pollutant linkage for this receptor.

Sulphate was identified within the current ground investigation and therefore must be taken into account in the design of buried concrete. Concrete placed in the ground will be designed in accordance with BRE Special Digest 1 and BS 8500 to provide suitable resistance to sulphate attack. Based on the identified ground conditions, an appropriate Design Sulphate Class (DS) and Aggressive Chemical Environment for Concrete (ACEC) class will be adopted.

The other contaminants identified in groundwater are considered to pose a low risk to construction materials. Buried services may be present on site; however, they are not considered to be at significant risk from the identified contaminants.

5.8 WATCHING BRIEF FOR UNEXPECTED LAND CONTAMINATION

Watching brief is an action put into place to help minimise the infiltration of any contamination which was not present during the site investigation. The watching brief consists of:

- Any observation of contamination made during the development by any member of site staff, contractors or

visitor.

- Photographic record of key stages of the development and key events, including new encounters with any contamination, formation levels of excavation, any reduced level dig/mass, and formation of landscape.

Areas with greater concern of contamination should be provided with a more specific watching brief to ensure risk is minimised on site. The brief should be prepared by a qualified site manager and/or by an environmental consultant.

During the development, the site manager is accountable and responsible for observing any works requiring the removal of the Made Ground during piling works to ensure any contamination encountered and method of contamination removal are recorded.

6 CONCLUSIONS

Contaminants of concern were identified within Made Ground soils at concentrations exceeding the relevant GAC for a residential end use. The proposed development comprises hard landscaping for public open space. Beneath the hardstanding, a 300 mm layer of clean engineered fill will be placed, underlain by a gravel filter layer to separate the Made Ground from the clean cover. This cover system will break the direct contact and ingestion pathways for future site users.

Localised excavation of areas with elevated contaminant concentrations will be undertaken to remove the source of contamination, thereby breaking the pollutant linkage to controlled waters.

There may be a risk to construction workers, appropriate PPE and precautionary measures are anticipated and should be included within the Contractor's RAMS.

During construction stockpiles of excavated materials shall be stored appropriately; on hardstanding with run off collected, to prevent leachates, and covered in order to prevent ingestion via windblown Soil.

Risk to controlled waters is under review as groundwater results are preliminary and subject to change. However localised excavation followed with an impermeable clean cover layer is the anticipated mitigation

Elevated concentrations of volatile contaminants of concern were not encountered within soils beneath the site. Ground gas monitoring undertaken on site as part of the Supplementary Ground Investigation indicates that CIRIA CS1 is applicable to the site, the risk posed to human health receptors by ground gas is therefore considered to be low.

A remediation strategy document will be issued separately to further detail the remedial measures that are implemented in the design of the proposed development further to mitigate the risks of contamination identified in the Conceptual Site Model.

Appendix A – (2026) Ground Investigation



GROUND INVESTIGATION REPORT (FACTUAL)

Ferry Island – Plot F,
Off Ferry Lane (A503),
Tottenham Hale,
London,
N15 4QD

Client: Midgard Limited
Consultant: Whitby Wood Limited

May 2026

Report No: END26-012

Endeavour Drilling Ltd
Unit 7
Mapledean Industrial Estate
Maldon Road
Latchingdon
Essex
CM3 6LG

GROUND INVESTIGATION REPORT (FACTUAL)

FERRY ISLAND – PLOT F, TOTTENHAM HALE, LONDON

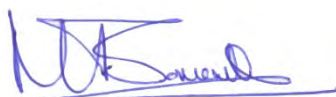
Author: Matthew Rust BSc (Hons), FGS

Signed:



Checked By: Matthew Somerville BSc (Hons), FGS, CGeol

Signed:



Revision	Date	Description	Prepared	Checked
Final	05.05.26	Factual Report	MR	MJS

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4. LABORATORY TESTING	8

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APPENDIX A: SITE LOCATION PLAN

APPENDIX B: DYNAMIC SAMPLING BOREHOLE RECORDS

APPENDIX C: GROUNDWATER & GAS MONITORING RESULTS

APPENDIX D: CHEMICAL ANALYSIS RESULTS

1. INTRODUCTION

Endeavour Drilling Limited received instruction to undertake a ground investigation on a parcel of land identified as 'Plot F', located off Ferry Lane (A503), London, N15 4QD. The primary objective of the investigation is to assess potential ground contamination within the specified area.

The ground investigation was instructed by the Consultant Whitby Wood Ltd, on behalf of the Client, Midgard Ltd in accordance with their specification document and exploratory plan referenced: Ferry Island Plot F: P451152-WW-XX-ZZ-SP-G-00001, dated 21st November 2025.

The technical objectives of this ground investigation as outlined by the Consultant, Whitby Wood Ltd were as follows:

- Evaluate the site's geo-environmental conditions.
- Obtain geo-environmental data for soils and groundwater to inform appropriate remedial assessments.
- Undertake post fieldwork groundwater and ground gas monitoring and sampling.

The ground investigation comprised of six (6) dynamic sampler boreholes, both with associated sampling and insitu testing. Chemical analysis was carried out on selected samples, the laboratory scheduling for which remained the responsibility of the Consultant. Geotechnical laboratory testing did not form part of the scope of works.

Semi-permanent groundwater standpipes were installed within selected boreholes for future groundwater & ground gas monitoring and sampling. Monitoring was carried out on five occasions over a period of seven weeks.

The work was carried out in general accordance with BS EN 1997-2, BS EN ISO 22475, BS ISO 18400-100 to 206, BS 5930:2015+A1:2020, BS 10175:2011+A2:2017, BS EN ISO 14688/14689 and other relevant standards that are referenced within the text.

2. LIMITATIONS

This report is based on the results of the exploratory locations, groundwater monitoring and laboratory testing carried out on samples recovered and in accordance with the scheme provided by the Consultant, Whitby Wood Limited.

This report has been prepared for the benefit of Client, Midgard Limited and its contents should not be relied upon by others without the written authority of Endeavour Drilling Limited (ED). If any unauthorised third party makes use of this report, they do so at their own risk and ED owes them no duty of care or skill.

All information provided by others is taken in good faith as being accurate, but ED cannot and does not accept any liability for the detailed accuracy, errors, or omissions within such information.

Subsoils are by their nature hidden from view and no investigation can be exhaustive to the extent that all ground conditions are revealed. Conditions may well be present beneath the site which were not evident from the investigations carried out.

Groundwater levels can be subject to considerable seasonal variations, and the conditions encountered in the exploratory borehole may not reflect long-term conditions.

3. FIELDWORK

The fieldwork was undertaken between the 5th and 10th of February 2026 and comprised the following:

- Six (6) dynamic sampler boreholes (WS01 to WS03 and TP02 to TP04) formed to maximum depths of 5.00mbgl.
- Groundwater and Ground Gas Monitoring and groundwater sampling was carried out on five separate occasions in select boreholes (WS01 to WS03 & TP04).

The exploratory positions were predetermined by the Consultant, Whitby Wood Ltd and set out by Midgard Ltd. The exploratory hole location plans are presented as Figure 1 in Appendix A.

All exploratory positions were service traced with Ground Penetrating Radar and subsequently scanned using a Cable Avoidance Tool (CAT), for the presence of underground buried services by suitably trained ED staff. An inspection pit was then hand excavated to a depth of 1.20mbgl, to identify the presence of any buried services prior to commencing drilling.

Upon completion, the grid reference and elevations relative to ordnance datum was surveyed by Endeavour Drilling Ltd, with a Topcon DGPS.

3.1. Dynamic Sampler Boreholes

Six (6) dynamic sampler boreholes (WS01 to WS03 and TP02 to TP04) were advanced to depths between 1.20m and 5.00mbgl, with associated sampling and in-situ testing.

It should be noted that due to site access constraints and buried services, the locations designated as 'TP' were originally proposed as machine excavated trial pits and were reassigned as dynamic sampler boreholes; however, the original nomenclature has been retained.

Several locations were aborted during the works: TP01 was cancelled due to its proximity to a public footpath and an existing water main, while WS04 through WS04C were abandoned after encountering buried services within the hand-excavated inspection pits. Furthermore, drilling was terminated early at several locations due to obstructions encountered within the Made Ground.

The dynamic sampling utilised a two-man crew, operating a track mounted hydraulic power pack and percussive hammer to drive a series of small diameter tubes into the ground. Liner samples were then recovered from within the small diameter tubes for subsequent logging and sub sampling.

Both soil and groundwater phase samples were recovered throughout the boreholes for future chemical analysis. The chemical samples were recovered in air-tight plastic containers and then stored in refrigerated cool boxes for transport to the analytical laboratory.

Upon completion a combination of 19mm and 50mm diameter HDPE groundwater standpipes were installed within selected boreholes and finished at surface with flush covers. The design of the standpipes can be summarised in Table 1 below:

Table 1: Standpipe Design (Dynamic Sampling)

BH No.	Slotted Section (mbgl)	Plain Section (mbgl)	Gravel Surround (mbgl)	Bentonite Seal (mbgl)
TP04	2.00 – 3.00 (50mm) 2.00 – 4.00 (19mm)	GL – 2.00 (50mm) GL – 2.00 (19mm)	2.00 – 4.00	0.30 – 2.00
WS01	2.00 – 3.00 (50mm) 2.00 – 3.00 (19mm)	GL – 2.00 (50mm) GL – 2.00 (19mm)	2.00 – 3.00	0.30 – 2.00
WS02	2.00 – 3.00 (50mm) 2.00 – 3.00 (19mm)	GL – 2.00 (50mm) GL – 2.00 (19mm)	2.00 – 3.00	0.30 – 2.00
WS03	1.00 – 2.00 (50mm) 3.00 – 3.80 (19mm)	GL – 1.00 (50mm) GL – 3.00 (19mm)	1.00 – 2.00 3.00 – 3.80	0.30 – 1.00 2.00 – 3.00

The dynamic sampling records are presented in Appendix B and give both descriptions and depths of strata encountered, together with details of samples taken, in-situ tests and any other relevant information.

3.2. Groundwater and Gas Monitoring

The standpipes as detailed above have been monitored by an ED technician, on five separate occasions over a seven-week period. The monitoring was originally instructed by the Consultant at fortnightly intervals; this was then reduced to weekly intervals part way through the monitoring period. It should be noted that some locations were not accessible during the monitoring visit due to access constraints and site operations.

During each monitoring visit the groundwater level, presence of free product (LNAPL & DNAPL), methane, carbon dioxide, oxygen, relative pressure, gas flow rates were measured using a Geotech GA5000 gas monitor and photoionization detection (PID) using a ION PhoCheck Tiger.

After purging, the subsequent groundwater samples were tested onsite for physicochemical parameters including electrical conductivity, pH, temperature and total dissolved solids, using a Hannah Instruments water tester.

The ground water and gas monitoring results are presented in Appendix C.

3.3. **Geology**

The British Geological Survey, Online Map Viewer indicates Superficial Deposits of the Enfield Silt Deposit & River Terrace Deposits and Bedrock of the London Clay Formation of the Cretaceous Period outcrop beneath the site.

4. **LABORATORY TESTING**

The laboratory testing programme comprised of chemical analysis for use in assessing the ground conditions encountered. Geotechnical testing did not form part of the scope of works.

All laboratory testing was undertaken by UKAS / MCERTS accredited laboratories; the chemical analysis by Eurofins Chemtest Ltd. The results are included in appendix D respectively.

4.1 **Chemical Analysis**

Soil Phase

In total, nineteen samples of soil were analysed for Suite E, which comprise a comprehensive range of determinants summarised below:

<i>Arsenic</i>	<i>Boron</i>
<i>Cadmium</i>	<i>Chromium III</i>
<i>pH</i>	<i>Antimony</i>
<i>Copper</i>	<i>Lead</i>
<i>Mercury</i>	<i>Nickel</i>
<i>Zinc</i>	<i>pH</i>
<i>Water Soluble Sulphate</i>	<i>Soil Organic Matter</i>
<i>TPH – CWG</i>	<i>Speciated PAH</i>
<i>VOC</i>	<i>Phenols</i>
<i>Cyanide (Total)</i>	<i>Asbestos Screen + Quantification</i>

Nine samples were analysed for Suite J Waste Acceptance Criteria (Inert Waste Landfill) to classify the material for potential future offsite disposal.

Groundwater Phase

In total, seventeen samples of groundwater were analysed for Suite F, which comprise a comprehensive range of determinants summarised below:

<i>Arsenic</i>	<i>Boron</i>
<i>Cadmium</i>	<i>Chromium III</i>
<i>pH</i>	<i>Zinc</i>
<i>Copper</i>	<i>Lead</i>
<i>Mercury</i>	<i>Nickel</i>
<i>TPH – CWG</i>	<i>Speciated PAH</i>
<i>Water Soluble Sulphate</i>	<i>Volatile Organic Compounds</i>
<i>Phenols</i>	<i>Cyanide (total)</i>
<i>Selenium</i>	

APPENDIX A

Site Exploratory Location Plan



PROJECT:
FERRY ISLAND, OFF FERRY LANE, TOTTENHAM, LONDON N17 9LR

CLIENT:
MIDGARD LTD



SCALE:
NTS

DRAWN: MR
CHECKED: MJS

JOB NO:
J6329

DATE:
26.02.26

TITLE:
EXPLORATORY HOLE LOCATION PLAN

KEY:



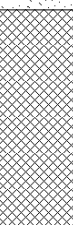
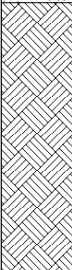
WINDOW SAMPLE LOCATION

DWG NO:
FIGURE 1

APPENDIX B

Dynamic Sampler Borehole Records

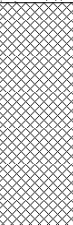
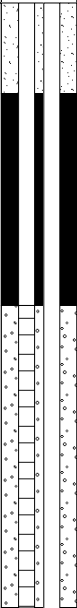
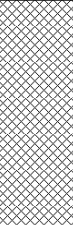
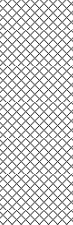
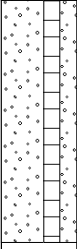
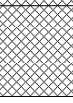
	Contract Name: Ferry Island, Off Ferry Lane, London N17 9LR				Client: Midgard Ltd			Borehole ID: TP02					
	Contract Number: J6329		Date Started: 09/02/2026		Logged By: MR	Checked By: MJS	Status: FINAL	Sheet 1 of 1					
	Easting: 534362.1		Northing: 189486.6		Ground Level: 8.44mOD	Plant Used: Archway Dart	Print Date: 02/03/2026	Scale: 1:25					
Window Sample Log													
Weather: Mild, Overcast and Raining				Termination: Concrete Obstruction Encountered at 2.50mbgl.			SPT Hammer: N/R, Energy Ratio: N/R						
Samples & In Situ Testing				Strata Details				Groundwater					
Depth	Sample ID	Test Result	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/ Installation					
0.50 0.50 - 1.00	B1 ES1	HV 0.50m, 23kPa PID 0.50m, 0.3ppm	8.28	0.15		CONCRETE.							
1.00	ES2	HV 1.00m, 19kPa PID 1.00m, 8.9ppm				MADE GROUND: Soft dark grey mottled dark brown slightly sandy gravelly clay. Gravel is fine to coarse subangular to subrounded flint, brick, mortar, concrete, clinker and ash. Unknown gaseous odour.	1						
1.20 - 2.00	ES3	SPT(S) 1.20m, N=6 (1,1/0,1,2,3)		(2.35)			2						
		PID 1.50m, 9.6ppm											
		SPT(S) 2.00m, N=10 (1,0/2,5,2,1)											
		SPT(S) 2.50m, 50 (25 for 5mm/50 for 5mm)	5.94	2.50		...concrete obstruction encountered at 2.50mbgl. End of Borehole at 2.50m							
							3						
							4						
							5						
Start & End of Shift Observations			Borehole Diameter		Casing Diameter		Remarks:						
Date	Time	Depth (m)	Casing (m)	Water (m)	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	1. Position hand excavated to 1.20mbgl. 2. Groundwater strike encountered at 2.20m (No rise). 3. Position backfilled with combination of arisings, bentonite, and cement.				
09-02-2026	16:00	2.50		2.20	1.20	300							
					2.00	87							
					2.50	77							
Chiselling			Installation		Water Strikes								
From (m)	To (m)	Duration	Remarks	Top (m)	Base (m)	Type	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
								2.20			20	2.20	No Rise
HBSI CP Template Issue Number: 2 Issue Date: 09/06/2015													

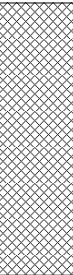
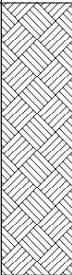
	Contract Name: Ferry Island, Off Ferry Lane, London N17 9LR				Client: Midgard Ltd			Borehole ID: TP03			
	Contract Number: J6329		Date Started: 10/02/2026		Logged By: MR	Checked By: MJS	Status: FINAL				
	Easting: 534352.0		Northing: 189489.5		Ground Level: 8.46mOD	Plant Used: Insulated Pitting Tools	Print Date: 02/03/2026				
Window Sample Log								Sheet 1 of 1 Scale: 1:25			
Weather: Mild, Overcast and Raining				Termination: CAT signal of service at the base of the inspection pit.							
Samples & In Situ Testing				Strata Details					Groundwater		
Depth	Sample ID	Test Result	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description			Water Strike	Backfill/ Installation	
0.50 0.50 - 1.00	B1 ES1	PID 0.50m, 1.7ppm HV 0.80m, 26kPa	8.10	(0.36) 0.36 (0.74)	 	CONCRETE. MADE GROUND: Soft brown mottled dark grey slightly sandy slightly gravelly silty clay. Gravel is fine to coarse angular to subrounded flint, brick, concrete, clinker and asphalt. Unknown gaseous odour.			1		
1.00	ES2	PID 1.00m, 0.8ppm	7.36	1.10		MADE GROUND: Soft dark grey mottled black and dark brownish grey slightly sandy slightly gravelly silty clay. Gravel is fine to coarse angular to subrounded flint, brick, concrete and glass. Unknown gaseous odour.					
1.20 1.20	B2 ES3	PID 1.20m, 5.9ppm	7.26	1.20		End of Borehole at 1.20m					
										2	
										3	
										4	
										5	
Start & End of Shift Observations				Borehole Diameter		Casing Diameter		Remarks:			
Date	Time	Depth (m)	Casing (m)	Water (m)	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	1. Position hand excavated to 1.20mbgl. 2. Utility encountered at base of pit. 3. Position backfilled with combination of arisings, bentonite, and cement.		
10-02-2026	16:00	1.20			1.20	300					
Chiselling				Installation				Water Strikes			
From (m)	To (m)	Duration	Remarks	Top (m)	Base (m)	Type	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	
HBSI CP Template Issue Number: 2 Issue Date: 09/06/2015											

		Contract Name: Ferry Island, Off Ferry Lane, London N17 9LR			Client: Midgard Ltd			Borehole ID: TP04	
		Contract Number: J6329	Date Started: 10/02/2026	Logged By: MR	Checked By: MJS	Status: FINAL	Sheet 1 of 1		
Window Sample Log		Easting: 534340.6	Northing: 189491.2	Ground Level: 8.18mOD	Plant Used: Archway Dart	Print Date: 02/03/2026	Scale: 1:25		
Weather: Mild, Overcast and Raining			Termination: Borehole Collapse Below 3.00mbgl.			SPT Hammer: N/R, Energy Ratio: N/R			
Samples & In Situ Testing				Strata Details				Groundwater	
Depth	Sample ID	Test Result	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/ Installation	
0.50	ES1	PID 0.50m, 0.1ppm	8.03	0.15		CONCRETE.	1		
				(0.45)		MADE GROUND: Light brown slightly silty very sandy fine to coarse angular gravel of flint concrete brick and clinker.			
0.70 - 1.00	B1		7.58	0.60		MADE GROUND: Very soft to soft dark grey mottled dark brown slightly sandy gravelly clay, locally very clayey gravel. Gravel is fine to coarse angular to subrounded flint, brick, concrete, asphalt, plastic and glass.	2		
1.00	ES2	HV 1.00m, 23kPa PID 1.00m, 0.6ppm SPT(S) 1.20m, N=4 (1,0/1,1,1,1)	(0.90)						
1.50 - 2.00	ES3	PID 1.50m, 1.9ppm	6.68	1.50		MADE GROUND: Soft brown mottled dark grey slightly sandy slightly gravelly silty clay. Gravel is fine to coarse angular to subrounded flint, brick, concrete, clinker and asphalt. Unknown gaseous odour.	3		
		SPT(S) 2.00m, N=11 (2,1/1,0,3,7)	(0.80)						
2.50 - 3.00	ES4	PID 2.50m, 2.6ppm HV 2.60m, 18kPa	5.88	2.30		MADE GROUND: Very soft dark greenish grey mottled dark grey and black slightly snady slightly gravelly silty clay. Gravel is fine to coarse angular to subrounded flint, brick, clinker, glass and wood. Occasional ashy pockets. Organic odour.	4		
		SPT(C) 2.90m, N=21 (25 for 105mm/13,3,3,2) HV 3.00m, 15kPa	(1.00)	<u>...moderate hydrocarbon odour and hydrocarbon pockets present below 2.80mbgl.</u>					
3.50 - 4.00	ES5	PID 3.50m, 39.2ppm	4.88	3.30		Light grey mottled dark grey slightly silty very sandy fine to coarse subangular to rounded GRAVEL of flint.	5		
		SPT(C) 3.90m, N=10 (2,2/1,3,3,3)	(1.10)						
4.50 - 5.00	ES6	PID 4.50m, 3.8ppm HV 4.60m, 62kPa	3.78	4.40		Firm fissured dark grey silty CLAY, with rare lenses of silt. Rare pyrite nodules.	5		
		HV 4.80m, 70kPa SPT(S) 4.90m, N=36 (10,9/8,9,9,10)	(0.60)						
			3.18	5.00	End of Borehole at 5.00m				
Start & End of Shift Observations				Borehole Diameter		Casing Diameter		Remarks:	
Date	Time	Depth (m)	Casing (m)	Water (m)	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	
10-02-2026	16:00	5.00		1.60	1.20	300			
					2.00	101			
					3.00	77			
					4.00	57			
					5.00	47			
Chiselling				Installation		Water Strikes			
From (m)	To (m)	Duration	Remarks	Top (m)	Base (m)	Type	Dia (mm)	Strike (m)	
				0.00	2.00	PLAIN	50	Casing (m)	
				0.00	2.00	PLAIN	19	Sealed (m)	
				2.00	3.00	SLOTTED	50	Time (mins)	
								Rose to (m)	
								Remarks	
								1.60	
								20	
								1.60	
								No Rise	
HBSI CP Template Issue Number: 2 Issue Date: 09/06/2015									

	Contract Name: Ferry Island, Off Ferry Lane, London N17 9LR				Client: Midgard Ltd			Borehole ID: WS01					
	Contract Number: J6329		Date Started: 09/02/2026		Logged By: MR	Checked By: MJS	Status: FINAL	Sheet 1 of 1					
	Easting: 534365.3		Northing: 189485.5		Ground Level: 8.45mOD	Plant Used: Archway Dart	Print Date: 02/03/2026	Scale: 1:25					
Window Sample Log													
Weather: Mild, Overcast and Raining				Termination: Concrete Obstruction Encountered at 3.00mbgl.			SPT Hammer: N/R, Energy Ratio: N/R						
Samples & In Situ Testing				Strata Details				Groundwater					
Depth	Sample ID	Test Result	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/ Installation					
0.50 0.50 - 1.00	B1 ES1	HV 0.50m, 24kPa PID 0.50m, 0.2ppm	8.35	0.10		CONCRETE.							
						MADE GROUND: Soft dark grey mottled dark brown slightly sandy slight gravelly silty CLAY. Gravel is fine to coarse angular to surrounded flint brick, concrete, asphalt and ceramic.							
1.00 1.20 - 1.65	ES2 SPTLS 1	HV 1.00m, 22kPa PID 1.00m, 0.2ppm SPT(S) 1.20m, N=8 (2,1/2,2,2,2)		(1.30)			1						
1.50 1.50	D1 ES3	PID 1.50m, 0.1ppm HV 1.70m, 21kPa	7.05	1.40		MADE GROUND: Soft orangish brown slightly sandy slight gravelly CLAY. Gravel is fine to coarse angular to surrounded flint brick, concrete, asphalt and ceramic. Gaseous odour present.							
2.00 - 2.50 2.00 - 3.00	ES4 SPTLS 2	SPT(S) 2.00m, N=5 (8,4/2,1,1,1) PID 2.00m, 1.2ppm		(1.60)				2					
		SPT(S) 3.00m, 50 (25 for 15mm/50 for 5mm)	5.45	3.00		...concrete obstruction encountered at 3.00mbgl. End of Borehole at 3.00m	3						
							4						
							5						
Start & End of Shift Observations			Borehole Diameter		Casing Diameter		Remarks:						
Date	Time	Depth (m)	Casing (m)	Water (m)	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	1. Position hand excavated to 1.20mbgl. 2. Groundwater strike encountered at 2.40m (rising to 2.25mbgl after 20 minutes). 3. Dual groundwater monitoring well installed to 3.00m (19mm & 50mm). 4. Position backfilled with combination of arisings, bentonite, gravel and cement and finished with a flush cover at surface.				
09-02-2026	16:00	3.00		2.25	1.20	300							
					2.00	101							
					3.00	87							
Chiselling			Installation		Water Strikes								
From (m)	To (m)	Duration	Remarks	Top (m)	Base (m)	Type	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
				0.00	2.00	PLAIN	50	2.40			20	2.25	Slow Inflow
				0.00	2.00	PLAIN	19						
				2.00	3.00	SLOTTED	19						
HBSI CP Template Issue Number: 2 Issue Date: 09/06/2015													

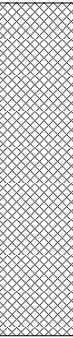
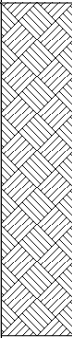
		Contract Name: Ferry Island, Off Ferry Lane, London N17 9LR			Client: Midgard Ltd			Borehole ID: WS02	
		Contract Number: J6329	Date Started: 06/02/2026	Logged By: MR	Checked By: MJS	Status: FINAL	Sheet 1 of 1		
Window Sample Log		Easting: 534352.5	Northing: 189485.9	Ground Level: 8.47mOD	Plant Used: Archway Dart	Print Date: 02/03/2026	Scale: 1:25		
Weather: Mild, Wet and Raining			Termination: Borehole Collapse Below 3.00mbgl.			SPT Hammer: N/R, Energy Ratio: N/R			
Samples & In Situ Testing				Strata Details				Groundwater	
Depth	Sample ID	Test Result	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/ Installation	
0.50 0.50 0.50 - 1.00	B1 D1 ES1	HV 0.50m, 22kPa PID 0.50m, 0.2ppm	8.17	(0.30)		CONCRETE.			
				0.30		MADE GROUND: Soft dark brown mottled orangish brown slightly sandy slightly gravelly silty CLAY. Gravel is fine to coarse angular to subrounded flint, brick, concrete, mortar, clinker, asphalt, ceramic and glass. Faint organic odour.			
1.00 1.20 - 1.65	ES2 SPTLS 1	HV 1.00m, 20kPa PID 1.00m, 5.8ppm SPT(S) 1.20m, N=11 (1,1/2,3,3,3)	7.47	(0.70)		MADE GROUND: Soft dark grey to grey mottled dark brown slightly sandy slightly gravelly silty CLAY. Gravel is fine to coarse angular to subrounded flint, brick, concrete, clinker, asphalt and glass.	1		
				1.00					
1.50 1.50	D2 ES3	PID 1.50m, 5.3ppm				...pocket of cream gravelly sand between 1.75m and 1.90mbgl.			
2.00 2.00 2.00 - 2.45	D3 ES4 SPTLS 2	SPT(S) 2.00m, N=10 (1,6/2,4,1,3) PID 2.00m, 230.1ppm		(2.40)		...strong hydrocarbon odour below 2.00mbgl.	2		
2.50 2.50 - 3.00	D4 ES5	PID 2.50m, 621.8ppm				...concrete obstruction at 2.20mbgl, reduced to 87mm diameter liner.			
3.00 3.00 - 3.45	ES6 SPTLS 3	SPT(S) 3.00m, N=14 (1,1/3,4,3,4) PID 3.00m, 585.3ppm				...dark grey / black pockets of hydrocarbons with oily sheen below 2.50mbgl. Very strong hydrocarbon odour.			
3.50 - 4.00	ES7	PID 3.50m, 597.4ppm	5.07	3.40		Brown mottled grey slightly silty very sandy fine to coarse angular to subrounded GRAVEL of flint. Dark grey hydrocarbon pockets. Very strong hydrocarbon odour.	3		
4.50 - 5.00	ES8	PID 4.50m, 208.3ppm		(1.60)			4		
			3.47	5.00		End of Borehole at 5.00m	5		
Start & End of Shift Observations			Borehole Diameter		Casing Diameter		Remarks:		
Date	Time	Depth (m)	Casing (m)	Water (m)	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	
06-02-2026	16:00	5.00	2.00	2.25	1.20	300	2.00	101	
					2.30	101			
					3.00	87			
					4.00	77			
					5.00	47			
Chiselling			Installation		Water Strikes				
From (m)	To (m)	Duration	Remarks	Top (m)	Base (m)	Type	Dia (mm)	Strike (m)	
				0.00	2.00	PLAIN	19	2.30	
				0.00	2.00	PLAIN	50	2.00	
				2.00	3.00	SLOTTED	50	Sealed (m)	
								Time (mins)	
								Rose to (m)	
								Remarks	
								2.30	
								2.00	
								20	
								2.25	
								Slow inflow.	
HBSI CP Template Issue Number: 2 Issue Date: 09/06/2015									

		Contract Name: Ferry Island, Off Ferry Lane, London N17 9LR			Client: Midgard Ltd			Borehole ID: WS03					
		Contract Number: J6329		Date Started: 05/02/2026	Logged By: MR	Checked By: MJS	Status: FINAL	Sheet 1 of 1					
Window Sample Log		Easting: 534348.4		Northing: 189490.4		Ground Level: 8.46mOD		Plant Used: Archway Dart		Print Date: 02/03/2026		Scale: 1:25	
Weather: Mild, Wet and Raining				Termination: Borehole Collapse Below 3.50mbgl.				SPT Hammer: N/R, Energy Ratio: N/R					
Samples & In Situ Testing				Strata Details						Groundwater			
Depth	Sample ID	Test Result	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description				Water Strike	Backfill/ Installation		
0.50 0.50 - 1.00	B1 ES1	HV 0.50m, 21kPa PID 0.50m, 0.0ppm	8.16	(0.30) 0.30		CONCRETE.				1			
1.00 1.00	D1 ES2	HV 1.00m, 23kPa PID 1.00m, 0.0ppm	6.76	(1.40)		MADE GROUND: Soft brown slightly sandy slightly gravelly silty CLAY. Gravel is fine to coarse angular to subangular flint, brick, concrete, mortar, clinker, asphalt and glass. Faint organic odour.							
1.20 - 1.65	SPTLS 1	SPT(S) 1.20m, N=9 (1,1/2,2,2,3)											
1.50 1.50	D2 ES3	PID 1.50m, 0.2ppm	6.76	1.70		MADE GROUND: Soft grey mottled dark grey slightly sandy slightly gravelly silty CLAY. Gravel is fine to coarse angular to subangular flint, brick, concrete, mortar, clinker, asphalt and glass.				2			
2.00 2.00	D3 ES4	SPT(S) 2.00m, N=6 (0,1/1,1,2,2)		...weak to moderate hydrocarbon odour below 2.00mbgl.									
2.00 - 2.45	SPTLS 2	PID 2.00m, 23.2ppm											
2.50 2.50	D4 ES5	PID 2.50m, 8.9ppm	4.96	(1.80)		...brick pocket at 2.60mbgl.				3			
3.00 3.00	D5 ES6	SPT(S) 3.00m, N=25 (5,3/4,4,6,11) PID 3.00m, 11.9ppm											
		SPT(S) 3.50m, N=47 (16,10/14,11,4,18)											
			4.96	3.50		NO RECOVERY: Possible Natural Granular Deposits.				4			
			4.66	(0.30) 3.80		End of Borehole at 3.80m							
Start & End of Shift Observations			Borehole Diameter		Casing Diameter		Remarks:						
Date	Time	Depth (m)	Casing (m)	Water (m)	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	1. Position hand excavated to 1.20mbgl. 2. Groundwater strike encountered at 2.40m (rising to 2.20mbgl after 20 minutes). 3. Dual groundwater monitoring well installed to 2.00m (50mm) and 3.80m (19mm). 4. Position backfilled with combination of arisings, bentonite, gravel and cement and finished with a flush cover at surface.				
05-02-2026	16:00	3.80	3.00	2.25	1.20	300	3.00	101					
					3.00	101							
					3.80	87							
Chiselling			Installation		Water Strikes								
From (m)	To (m)	Duration	Remarks	Top (m)	Base (m)	Type	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
				0.00	1.00	PLAIN	50	2.40			20	2.25	Slow to Moderate Inflow.
				1.00	2.00	SLOTTED	50						
				0.00	3.00	PLAIN	19						
HBSI CP Template Issue Number: 2 Issue Date: 09/06/2015													

	Contract Name: Ferry Island, Off Ferry Lane, London N17 9LR				Client: Midgard Ltd			Borehole ID: WS04					
	Contract Number: J6329		Date Started: 05/02/2026		Logged By: MR	Checked By: MJS	Status: FINAL		Sheet 1 of 1				
	Easting: 534338.6		Northing: 189486.6		Ground Level: 8.16mOD	Plant Used: Insulated Pitting Tools	Print Date: 02/03/2026		Scale: 1:25				
Window Sample Log			Weather: Mild, Overcast and Raining							Termination: Terminated - Utility encountered at 0.90mbgl.			
Samples & In Situ Testing				Strata Details					Groundwater				
Depth	Sample ID	Test Result	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description			Water Strike	Backfill/ Installation			
			7.26	(0.90) 0.90		MADE GROUND: Soft dark brown mottled dark grey slightly sandy slightly gravelly silty CLAY. Gravel is fine to coarse angular to subangular flint, brick, concrete, mortar, clinker, asphalt and glass. Faint organic odour.							
						End of Borehole at 0.90m			1				
									2				
									3				
									4				
									5				
Start & End of Shift Observations			Borehole Diameter		Casing Diameter		Remarks:						
Date	Time	Depth (m)	Casing (m)	Water (m)	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	1. Position hand excavated to 0.90mbgl. 2. Utility encountered at base of pit. 3. Position backfilled with combination of arisings, bentonite, and cement.				
05-02-2026	16:00	0.90			0.90	300							
Chiselling			Installation		Water Strikes								
From (m)	To (m)	Duration	Remarks	Top (m)	Base (m)	Type	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
HBSI CP Template Issue Number: 2 Issue Date: 09/06/2015													

[illegible]

[illegible]

	Contract Name: Ferry Island, Off Ferry Lane, London N17 9LR				Client: Midgard Ltd			Borehole ID: WS04C						
	Contract Number: J6329		Date Started: 05/02/2000		Logged By: MR	Checked By: MJS	Status: FINAL		Sheet 1 of 1					
	Easting: 534337.0		Northing: 189487.4		Ground Level: 8.04mOD	Plant Used: Insulated Pitting Tools	Print Date: 02/03/2026		Scale: 1:25					
Window Sample Log			Weather: Mild, Overcast and Raining							Termination: Terminated - Utility encountered at 1.10mbgl.				
Samples & In Situ Testing				Strata Details						Groundwater				
Depth	Sample ID	Test Result	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description				Water Strike	Backfill/ Installation			
			6.94	(1.10)		MADE GROUND: Soft dark brown mottled dark grey slightly sandy slightly gravelly silty CLAY. Gravel is fine to coarse angular to subangular flint, brick, concrete, mortar, clinker, asphalt and glass. Faint organic odour.				1				
				1.10		End of Borehole at 1.10m								
												2		
												3		
												4		
									5					
Start & End of Shift Observations					Borehole Diameter		Casing Diameter		Remarks:					
Date	Time	Depth (m)	Casing (m)	Water (m)	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	1. Position hand excavated to 1.10mbgl. 2. Utility encountered at base of pit. 3. Position backfilled with combination of arisings, bentonite, and cement.					
05-02-2026	16:00	1.10			1.10	300								
Chiselling					Installation				Water Strikes					
From (m)	To (m)	Duration	Remarks		Top (m)	Base (m)	Type	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
HBSI CP Template Issue Number: 2 Issue Date: 09/06/2015														

APPENDIX C

Groundwater and Ground Gas Monitoring Results

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 1

Date: 24/02/2026

Barometric Pressure: 1016

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS01	3.0 (19)	3.00	-	-	-	-	-	-	-	-	2.34	24/02/2026
	3.0 (50)	3.00	-	-	-	-	-	-	-	-	2.34	24/02/2026
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.2	0.1	20.4	0.04	0	0	0.0	0.0	-	-
-	-	0.50	0.2	1.4	19.9		0	1	261.9	0.0	-	-
-	-	1.00	0.2	1.4	17.8		0	1	40.1	0.0	-	-
-	-	1.50	0.2	1.4	17.8		0	1	30.9	0.0	-	-
-	-	2.00	0.2	1.5	17.8		0	1	27.4	0.0	-	-
-	-	3.00	0.2	1.5	17.8		0	0	24.9	0.0	-	-
-	-	4.00	0.2	1.5	17.8		0	0	21.8	0.0	-	-
-	-	5.00	0.2	1.5	17.8		0	0	19.7	0.0	-	-

Temperature (*C)	12.3
pH	6.33
Dissolved Oxygen (mg/L)	5.51
Conductivity (uS/cm)	1285
Total Dissolved Solids (ppm)	658

Groundwater Details:
Dark greyish brown. Turbid. No sheen or free product present. Strong hydrocarbon odour. No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 1

Date: 24/02/2026

Barometric Pressure: 1016

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS02	3.0 (19)	3.10	-	-	-	-	-	-	-	-	2.33	24/02/2026
	3.0 (50)	3.15	-	-	-	-	-	-	-	-	2.32	24/02/2026
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.1	0.0	20.8	0.07	0	0	0.0	0.0	-	-
-	-	0.50	2.2	1.1	15.0		0	2	549.3	0.0	-	-
-	-	1.00	2.5	1.1	14.6		1	2	665.6	0.0	-	-
-	-	1.50	2.7	1.1	14.5		1	2	711.3	0.0	-	-
-	-	2.00	2.9	1.1	14.3		1	2	758.3	0.0	-	-
-	-	3.00	3.2	1.1	14.1		1	2	827.5	0.0	-	-
-	-	4.00	3.6	1.2	13.8		1	2	900.3	0.0	-	-
-	-	5.00	3.7	1.2	13.7		1	2	918.8	0.0	-	-

Temperature (*C)	12.4
pH	7.65
Dissolved Oxygen (mg/L)	1.14
Conductivity (uS/cm)	1880
Total Dissolved Solids (ppm)	956

Groundwater Details:

Dark greyish brown. Turbid. Sheen and free product present in suspension.
Very strong hydrocarbon odour.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 1

Date: 24/02/2026

Barometric Pressure: 1016

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS03	2.0 (50)	2.00	-	-	-	-	-	-	-	-	1.98	24/02/2026
	4.0 (19)	4.00	-	-	-	-	-	-	-	-	2.30	24/02/2026
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.1	0.2	20.4	-4.80	0	1	122.9	0.0	-	-
-	-	0.50	0.1	0.3	18.9		0	1	35.9	0.0	-	-
-	-	1.00	0.1	0.3	18.9		0	1	12.8	0.0	-	-
-	-	1.50	0.1	0.3	18.8		0	0	12.0	0.0	-	-
-	-	2.00	0.1	0.4	18.7		0	0	11.1	0.0	-	-
-	-	3.00	0.1	0.4	18.6		0	0	9.9	0.0	-	-
-	-	4.00	0.1	0.4	18.5		0	0	9.4	0.0	-	-
-	-	5.00	0.1	0.4	18.5		0	0	9.1	0.0	-	-

Temperature (*C)	-
pH	-
Dissolved Oxygen (mg/L)	-
Conductivity (uS/cm)	-
Total Dissolved Solids (ppm)	-

Groundwater Details:

Not enough groundwater in 50mm install to retrieve for a sample.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 1

Date: 24/02/2026

Barometric Pressure: 1016

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
TP04	4.0 (19)	3.50	-	-	-	-	-	-	-	-	1.83	24/02/2026
	3.0 (50)	3.15	-	-	-	-	-	-	-	-	1.84	24/02/2026
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.1	0.0	20.4	0.04	0	0	0.5	0.0	-	-
-	-	0.50	0.2	0.8	18.2		0	0	0.3	0.0	-	-
-	-	1.00	0.2	0.8	18.1		0	0	0.3	0.0	-	-
-	-	1.50	0.2	0.8	18.1		0	0	0.2	0.0	-	-
-	-	2.00	0.2	0.8	18.1		0	0	0.2	0.0	-	-
-	-	3.00	0.2	0.8	18.1		0	0	0.2	0.0	-	-
-	-	4.00	0.2	0.8	18.1		0	0	0.2	0.0	-	-
-	-	5.00	0.2	0.8	18.1		0	0	0.2	0.0	-	-

Temperature (*C)	12.2
pH	7.51
Dissolved Oxygen (mg/L)	1.54
Conductivity (uS/cm)	1118
Total Dissolved Solids (ppm)	574

Groundwater Details:

Dark greyish brown. Turbid. No sheen or free product present. No obvious hydrocarbon odour. No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 2

Date: 11/03/2026

Barometric Pressure: 1009

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS01	3.0 (19)	2.55	-	-	-	-	-	-	-	-	2.47	11/03/2026
	3.0 (50)	2.90	-	-	-	-	-	-	-	-	2.46	11/03/2026
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.2	0.2	20.9	-0.02	0	0	1.5	0.0	-	-
-	-	0.50	0.3	1.7	16.5		0	0	192.5	0.0	-	-
-	-	1.00	0.2	1.7	16.5		0	0	72.5	0.0	-	-
-	-	1.50	0.2	1.7	16.4		0	0	35.9	0.0	-	-
-	-	2.00	0.2	1.8	16.4		0	0	22.4	0.0	-	-
-	-	3.00	0.2	1.8	16.4		0	0	19.1	0.0	-	-
-	-	4.00	0.2	1.9	16.4		0	0	17.0	0.0	-	-
-	-	5.00	0.2	1.9	16.5		0	0	16.2	0.0	-	-

Temperature (*C)	12.5
pH	6.66
Dissolved Oxygen (mg/L)	0.54
Conductivity (uS/cm)	1032
Total Dissolved Solids (ppm)	531
ORP (mV)	-78

Groundwater Details:

Dark greyish brown. Turbid. No sheen or free product present. Strong hydrocarbon odour. No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 2

Date: 11/03/2026

Barometric Pressure: 1008

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS02	3.0 (19)	3.05	-	-	-	-	-	-	-	-	2.47	11/03/2026
	3.0 (50)	3.10	-	-	-	-	-	-	-	-	2.51	11/03/2026
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.2	0.2	20.9	0.07	0	0	8.2	0.0	-	-
-	-	0.50	1.2	2.7	10.4		1	1	432.1	0.0	-	-
-	-	1.00	1.4	2.8	8.3		1	0	487.6	0.0	-	-
-	-	1.50	1.5	2.8	8.1		1	0	524.9	0.0	-	-
-	-	2.00	1.5	2.8	8.1		1	0	542.0	0.0	-	-
-	-	3.00	1.6	2.9	8.0		1	0	573.5	0.0	-	-
-	-	4.00	1.6	2.9	8.0		1	0	598.3		-	-
-	-	5.00	1.6	3.0	8.1		1	0	616.9		-	-

Temperature (*C)	12.7
pH	7.16
Dissolved Oxygen (mg/L)	1.31
Conductivity (uS/cm)	1138
Total Dissolved Solids (ppm)	581
ORP (mV)	-101

Groundwater Details:

Dark greyish brown. Turbid. Sheen and free product present in suspension.
Very strong hydrocarbon odour.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 2

Date: 11/03/2026

Barometric Pressure: 1007

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS03	2.0 (50)	2.04	-	-	-	-	-	-	-	-	1.97	11/03/2026
	4.0 (19)	3.97	-	-	-	-	-	-	-	-	2.43	11/03/2026
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.0	0.0	20.9	0.05	0	0	0.0	0.0	-	-
-	-	0.50	0.2	0.4	18.8		0	0	1.3	0.0	-	-
-	-	1.00	0.2	0.4	18.5		0	0	0.5	0.0	-	-
-	-	1.50	0.2	0.4	18.3		0	0	0.3	0.0	-	-
-	-	2.00	0.2	0.4	18.2		0	0	0.1	0.0	-	-
-	-	3.00	0.2	0.4	18.0		0	0	0.0	0.0	-	-
-	-	4.00	0.2	0.4	18.0		0	0	0.0		-	-
-	-	5.00	0.2	0.4	18.0		0	0	0.0		-	-

Temperature (*C)	13.0
pH	7.24
Dissolved Oxygen (mg/L)	2.05
Conductivity (uS/cm)	1250
Total Dissolved Solids (ppm)	645
ORP (mV)	-122

Groundwater Details:
Groundwater sample retrieved from 19mm install using low flow pump.
No sheen or free product present.
Clear with little turbidity.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 3

Date: 23/03/2026

Barometric Pressure: 1019

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS01	3.0 (19)	2.57	-	-	-	-	-	-	-	-	Dry	
	3.0 (50)	3.11	-	-	-	-	-	-	-	-	2.54	
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.1	0.1	20.7	0.04	0	2	24.8	0.0	-	-
-	-	0.50	0.1	2.1	16.7	-0.05	0	2	7.4	0.0	-	-
-	-	1.00	0.1	2.1	16.6	-0.09	0	1	5.5	0.0	-	-
-	-	1.50	0.1	2.1	16.6	-0.09	0	0	4.4	0.0	-	-
-	-	2.00	0.1	2.1	16.5	-0.09	0	0	3.7	0.0	-	-
-	-	3.00	0.1	2.1	16.6	-0.07	0	0	2.7	0.0	-	-
-	-	4.00	0.1	2.1	16.6	-0.09	0	0	2.2	0.0	-	-
-	-	5.00	0.1	2.1	16.6	-0.07	0	0	1.8	0.0	-	-

Temperature (*C)	14.2
pH	8.12
Dissolved Oxygen (mg/L)	2.99
Conductivity (uS/cm)	1263
Total Dissolved Solids (ppm)	635
ORP (mV)	-7

Groundwater Details:

Dark greyish brown. Turbid. No sheen or free product present. Strong hydrocarbon odour. No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 3

Date: 23/03/2026

Barometric Pressure: 1018

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS02	3.0 (19)	3.11	-	-	-	-	-	-	-	-	2.50	
	3.0 (50)	3.17	-	-	-	-	-	-	-	-	2.51	
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.2	0.1	20.9	0.12	0	0	32.5	0.1	-	-
-	-	0.50	0.9	3.1	11.0	0.12	0	0	254.3	0.0	-	-
-	-	1.00	1.0	3.1	9.9	0.14	0	0	364.6	0.0	-	-
-	-	1.50	1.0	3.1	9.7	0.12	1	0	364.6	0.0	-	-
-	-	2.00	1.0	3.1	9.7	0.14	1	0	324.8	0.0	-	-
-	-	3.00	0.9	3.1	9.6	0.16	1	0	361.5	0.0	-	-
-	-	4.00	0.8	3.1	9.6	0.11	1	0	352.3	0.0	-	-
-	-	5.00	0.6	3.0	9.5	0.09	1	0	342.6	0.0	-	-

Temperature (*C)	12.0
pH	7.37
Dissolved Oxygen (mg/L)	2.11
Conductivity (uS/cm)	2040
Total Dissolved Solids (ppm)	981
ORP (mV)	-81

Groundwater Details:

Dark greyish brown. Turbid. Sheen and free product present in suspension.
Very strong hydrocarbon odour.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 3

Date: 23/03/2026

Barometric Pressure: 1019

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS03	2.0 (50)	2.07	-	-	-	-	-	-	-	-	Dry	
	4.0 (19)	3.99	-	-	-	-	-	-	-	-	2.48	
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.1	0.1	20.9	-0.65	0	1	18.6	-0.0	-	-
-	-	0.50	0.1	0.5	18.9	-0.63	0	0	5.8	-0.0	-	-
-	-	1.00	0.1	0.5	18.7	-0.74	0	0	4.1	-0.0	-	-
-	-	1.50	0.1	0.5	18.6	-0.83	0	0	3.7	-0.0	-	-
-	-	2.00	0.1	0.5	18.4	-0.69	0	0	2.8	-0.0	-	-
-	-	3.00	0.1	0.6	18.3	-0.56	0	0	2.3	-0.0	-	-
-	-	4.00	0.1	0.6	18.2	-0.30	0	0	1.5	-0.0	-	-
-	-	5.00	0.1	0.6	18.1	-0.28	0	0	1.2	-0.0	-	-

Temperature (*C)	14.7
pH	7.63
Dissolved Oxygen (mg/L)	1.83
Conductivity (uS/cm)	966
Total Dissolved Solids (ppm)	483
ORP (mV)	-85

Groundwater Details:
Groundwater sample retrieved from 19mm install using low flow pump.
No sheen or free product present.
Clear with little turbidity.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 3

Date: 23/03/2026

Barometric Pressure: 1019

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
TP04	4.0 (19)	3.54	-	-	-	-	-	-	-	-	2.06	
	3.0 (50)	3.18	-	-	-	-	-	-	-	-	2.10	
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.1	0.2	20.1	0.04	0	1	49.0	0.0	-	-
-	-	0.50	0.1	0.2	19.0	0.02	0	1	19.2	0.0	-	-
-	-	1.00	0.1	0.1	19.5	0.07	0	1	14.8	0.0	-	-
-	-	1.50	0.1	0.1	19.5	0.05	1	1	12.7	0.0	-	-
-	-	2.00	0.1	0.1	19.5	0.04	1	1	10.6	0.0	-	-
-	-	3.00	0.0	0.1	19.5	0.05	1	1	9.5	0.0	-	-
-	-	4.00	0.0	0.1	19.6	0.02	1	1	8.0	0.0	-	-
-	-	5.00	0.0	0.1	19.6	0.04	1	1	7.6	0.0	-	-

Temperature (*C)	13.8
pH	8.45
Dissolved Oxygen (mg/L)	2.37
Conductivity (uS/cm)	1392
Total Dissolved Solids (ppm)	697
ORP (mV)	6

Groundwater Details:
Groundwater sample retrieved from 19mm install using low flow pump.
No sheen or free product present.
Clear with little turbidity.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 4

Date: 30/03/2026

Barometric Pressure: 1022

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS01	3.0 (19)	2.55	-	-	-	-	-	-	-	-	Dry	30.03.26
	3.0 (50)	3.10	-	-	-	-	-	-	-	-	2.57	30.03.26
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.1	0.3	20.6	0.05	0	0	28.0	0.0	-	-
-	-	0.50	0.2	2.1	18.1		0	0	130.7	0.0	-	-
-	-	1.00	0.1	2.1	18.1		0	0	29.3	0.0	-	-
-	-	1.50	0.1	2.1	18.1		0	0	23.1	0.0	-	-
-	-	2.00	0.1	2.1	18.1		0	0	20.6	0.0	-	-
-	-	3.00	0.1	2.0	18.2		0	0	17.1	0.0	-	-
-	-	4.00	0.1	2.0	18.3		0	0	13.9	0.0	-	-
-	-	5.00									-	-

Temperature (*C)	11.5
pH	6.93
Dissolved Oxygen (mg/L)	3.73
Conductivity (uS/cm)	1115
Total Dissolved Solids (ppm)	567
ORP (mV)	+22

Groundwater Details:

Groundwater sample retrieved from 19mm install using low flow pump.
Dark greyish brown. Turbid. No sheen or free product present. Hydrocarbon odour.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 4

Date: 30/03/2026

Barometric Pressure: 1022

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS02	3.0 (19)	3.11	-	-	-	-	-	-	-	-	2.62	30.03.26
	3.0 (50)	3.16	-	-	-	-	-	-	-	-	2.64	30.03.26
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.0	0.1	20.6	-0.05	0	0	3.2	0.0	-	-
-	-	0.25	0.6	2.4	15.0		0	0	228.0	0.0	-	-
-	-	0.50	0.7	2.4	13.6		0	0	256.8	0.0	-	-
-	-	1.00	0.7	2.5	12.7		0	0	272.5	0.0	-	-
-	-	1.50	0.8	2.5	12.6		0	0	287.7	0.0	-	-
-	-	2.00	0.8	2.5	12.6		0	0	299.1	0.0	-	-
-	-	3.00	0.8	2.6	12.5		0	0	315.4	0.0	-	-
-	-	4.00	0.8	2.6	12.4		0	0	336.6	0.0	-	-

Temperature (*C)	11.6
pH	7.01
Dissolved Oxygen (mg/L)	2.02
Conductivity (uS/cm)	1131
Total Dissolved Solids (ppm)	566
ORP (mV)	-59

Groundwater Details:

Dark greyish brown. Turbid. Sheen and free product present in suspension.
Very strong hydrocarbon odour.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 4

Date: 30/03/2026

Barometric Pressure: 1021

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS03	2.0 (50)	2.05	-	-	-	-	-	-	-	-	Dry	30.03.26
	4.0 (19)	3.95	-	-	-	-	-	-	-	-	2.54	30.03.26
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.1	0.1	21.0	-0.11	0	0	0.0	0.0	-	-
-	-	0.50	0.1	0.4	19.6		0	0	3.5	0.0	-	-
-	-	1.00	0.1	0.5	18.7		0	0	0.0	0.0	-	-
-	-	1.50	0.1	0.5	18.6		0	0	0.0	0.0	-	-
-	-	2.00	0.1	0.6	18.4		0	0	0.0	0.0	-	-
-	-	3.00	0.1	0.6	18.3		0	0	0.0	0.0	-	-
-	-	4.00	0.1	0.6	18.3		0	0	0.0	0.0	-	-
-	-	5.00									-	-

Temperature (*C)	11.4
pH	8.05
Dissolved Oxygen (mg/L)	2.27
Conductivity (uS/cm)	836
Total Dissolved Solids (ppm)	407
ORP (mV)	-92

Groundwater Details:
Groundwater sample retrieved from 19mm install using low flow pump.
No sheen or free product present.
Clear with little turbidity.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 4

Date: 30/03/2026

Barometric Pressure:

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
TP04	4.0 (19)	3.54	-	-	-	-	-	-	-	-	2.18	30.03.26
	3.0 (50)	3.16	-	-	-	-	-	-	-	-	2.20	30.03.26
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.1	0.1	20.8	0.04	0	0	18.2	0.0	-	-
-	-	0.50	0.1	0.2	20.1		0	0	13.5	0.0	-	-
-	-	1.00	0.1	0.1	20.3		0	0	11.7	0.0	-	-
-	-	1.50	0.1	0.1	20.6		0	0	10.8	0.0	-	-
-	-	2.00	0.1	0.1	20.8		0	0	10.3	0.0	-	-
-	-	3.00	0.1	0.1	20.8		0	0	9.4	0.0	-	-
-	-	4.00	0.1	0.1	20.8		0	0	8.7	0.0	-	-
-	-	5.00									-	-

Temperature (*C)	11.4
pH	6.91
Dissolved Oxygen (mg/L)	0.91
Conductivity (uS/cm)	2031
Total Dissolved Solids (ppm)	1011
ORP (mV)	-86

Groundwater Details:
No sheen or free product present.
Dark greyish brown. Turbid.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 5

Date: 08/04/2026

Barometric Pressure: 1021

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS01	3.0 (19)	2.50	-	-	-	-	-	-	-	-	Dry	08/04/2026
	3.0 (50)	3.00	-	-	-	-	-	-	-	-	2.62	08/04/2026
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.5	0.2	20.4	-0.02	0	5	0.0	0.0	-	-
-	-	0.50	0.6	1.6	18.7	-	0	0	2.9	0.0	-	-
-	-	1.00	0.6	1.6	18.6	-	0	0	1.8	0.0	-	-
-	-	1.50	0.6	1.6	18.6	-	0	0	0.0	0.0	-	-
-	-	2.00	0.6	1.6	18.6	-	0	0	0.0	0.0	-	-
-	-	3.00	0.6	1.6	18.6	-	0	0	0.0	0.0	-	-
-	-	4.00	-	-	-	-	-	-	-	-	-	-
-	-	5.00	-	-	-	-	-	-	-	-	-	-

Temperature (*C)	13.4
pH	7.29
Dissolved Oxygen (mg/L)	4.95
Conductivity (uS/cm)	1167
Total Dissolved Solids (ppm)	635
ORP (mV)	14

Groundwater Details:

Groundwater sample retrieved from 50mm install using low flow pump.
Dark greyish brown. Turbid. No sheen or free product present. Hydrocarbon odour.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 5

Date: 08/04/2026

Barometric Pressure: 1022

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS02	3.0 (19)	3.00	-	-	-	-	-	-	-	-	2.58	08/04/2026
	3.0 (50)	3.00	-	-	-	-	-	-	-	-	2.59	08/04/2026
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.6	0.2	20.2	-0.05	0	0	0.0	0.0	-	-
-	-	0.25	1.3	1.9	16.3	-	0	0	151.9	0.0	-	-
-	-	0.50	1.4	2.6	13.5	-	0	0	242.2	0.0	-	-
-	-	1.00	1.5	2.6	13.1	-	1	0	291.0	0.0	-	-
-	-	1.50	1.6	2.6	13.0	-	1	0	302.6	0.0	-	-
-	-	2.00	1.6	2.7	12.9	-	1	0	321.9	0.0	-	-
-	-	3.00	1.6	2.7	12.7	-	1	0	339.7	0.0	-	-
-	-	4.00	1.6	2.8	12.5	-	1	0	349.2	0.0	-	-
-	-	5.00	1.6	2.8	12.3	-	1	0	349	0.0		

Temperature (*C)	14.1
pH	7.66
Dissolved Oxygen (mg/L)	2.35
Conductivity (uS/cm)	1056
Total Dissolved Solids (ppm)	553
ORP (mV)	-4

Groundwater Details:

Dark greyish brown. Turbid. Sheen and free product present in suspension.
Very strong hydrocarbon odour.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 5

Date: 08/04/2026

Barometric Pressure: 1022

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
WS03	2.0 (50)	2.00	-	-	-	-	-	-	-	-	1.96	08/04/2026
	4.0 (19)	3.95	-	-	-	-	-	-	-	-	2.58	08/04/2026
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.5	0.1	20.4	0.05	0	0	0.0	0	-	-
-	-	0.50	0.6	0.4	19.3	-	0	1	115.8	-0.1	-	-
-	-	1.00	0.6	0.4	19.2	-	0	1	51.8	-0.1	-	-
-	-	1.50	0.6	0.5	19.2	-	0	1	44.1	-0.1	-	-
-	-	2.00	0.6	0.5	19.1	-	0	1	38.4	-0.1	-	-
-	-	3.00	0.5	0.6	19.0	-	0	1	30.8	-0.1	-	-
-	-	4.00	0.5	0.6	18.8	-	0	1	26.7	-	-	-
-	-	5.00	0.5	0.6	18.9	-	0	0	22.8	-	-	-

Temperature (*C)	14.5
pH	8.21
Dissolved Oxygen (mg/L)	3.47
Conductivity (uS/cm)	1832
Total Dissolved Solids (ppm)	965
ORP (mV)	119

Groundwater Details:
Dark greyish brown.
Groundwater sample retrieved from 19mm install using low flow pump.
No sheen or free product present.
No LNAPL or DNAPL identified.

Gas and water Level Readings

Client: **Midgard Ltd**

Site: **Ferry Island**

Round 5

Date: 08/04/2026

Barometric Pressure: 1022

Borehole No.	Install Depth (m)	Dipped Depth (m)	CH4 %	CO2 %	O2 %	Relative mB	H2S ppm	CO ppm	PID ppm	Flow l/h	Water Level (m)	Date
TP04	4.0 (19)	3.50	-	-	-	-	-	-	-	-	2.34	08/04/2026
	3.0 (50)	3.00	-	-	-	-	-	-	-	-	2.37	08/04/2026
-	-	Time (mins)	-	-	-	-	-	-	-	-	-	-
-	-	0.00	0.5	0.2	20.4	-0.02	0	0	0.2	0.0	-	-
-	-	0.50	0.5	0.1	19.9	-	1	0	55.7	-0.1	-	-
-	-	1.00	0.5	0.1	20.2	-	1	0	23.2	-0.1	-	-
-	-	1.50	0.5	0.1	20.0	-	1	0	19.5	-0.1	-	-
-	-	2.00	0.5	0.1	20.0	-	1	0	16.8	-0.1	-	-
-	-	3.00	0.5	0.1	20.0	-	1	0	14.7	-	-	-
-	-	4.00	0.5	0.1	20.0	-	1	0	13.0	-	-	-
-	-	5.00	-	-	-	-	-	-	-	-	-	-

Temperature (*C)	13.6
pH	7.95
Dissolved Oxygen (mg/L)	2.89
Conductivity (uS/cm)	1311
Total Dissolved Solids (ppm)	699
ORP (mV)	29

Groundwater Details:
No sheen or free product present.
Dark greyish brown. Turbid.
No LNAPL or DNAPL identified.

APPENDIX D

Chemical Analysis Results



Final Report

Report No.: 26-03759-1

Initial Date of Issue: 09-Mar-2026

Re-Issue Details:

Client *Endeavour Drilling*

Client Address: *Unit 7
Mapledean Industrial Estate
Maldon Road
Latchingdon
Essex
CM3 6LG*

Contact(s): *Matthew Rust*

Project *J6329 Midgard Lts - Ferry Island*

Quotation No.: *Q26-40733*

Date Received: 10-Feb-2026

Order No.:

Date Instructed: 11-Feb-2026

No. of Samples: *12*

Turnaround (Wkdays): *13*

Results Due: 27-Feb-2026

Date Approved: 09-Mar-2026

Approved By:

Details: David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:						26-03759	26-03759	26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:						2082645	2082646	2082647	2082648	2082649	2082650	2082651
Order No.:		Client Sample Ref.:						ES3	ES4	ES5	ES6	ES1	ES2	ES3
		Client Reference:						WS03	WS03	WS03	WS03	WS02	WS02	WS02
		Sample Type:						SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):						1.50	2.00	2.50	3.00	0.50	1.00	1.50
		Bottom Depth (m):												
		Date Sampled:						05-Feb-2026	05-Feb-2026	05-Feb-2026	05-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:						15:00	15:30	16:00	16:00	12:00	12:30	13:00
		Asbestos Lab:						NEW-ASB		NEW-ASB		NEW-ASB	NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD									
ACM Type		N	2192		N/A	-		-		-		-	-	-
Asbestos Identification		U	2192		N/A	No Asbestos Detected		No Asbestos Detected		No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020	15	15	15	18	12	14	15		
Soil Colour		N	2030		N/A	Brown		Brown		Brown		Brown	Brown	Brown
Other Material		N	2030		N/A	Stones		Stones and brick		Stones and concrete		Stones and brick, tile		Stones
Soil Texture		N	2030		N/A	Clay		Clay		Clay		Clay	Clay	Clay
pH at 20C		M	2010		4.0	8.5		8.7		8.8		8.3		9.1
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	1.4		1.5		1.0		1.4		2.2
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010	0.34		0.25		0.31		0.17		0.42
Cyanide (Total)		M	2300	mg/kg	0.50	< 0.50		< 0.50		< 0.50		< 0.50		< 0.50
Arsenic		M	2455	mg/kg	0.5	12		10		15		15		15
Cadmium		M	2455	mg/kg	0.10	0.36		0.32		0.35		0.48		0.34
Chromium		M	2455	mg/kg	0.5	16		16		25		21		24
Copper		M	2455	mg/kg	0.50	46		34		46		59		65
Mercury		M	2455	mg/kg	0.05	0.67		0.65		0.39		0.53		0.64
Nickel		M	2455	mg/kg	0.50	19		17		25		24		25
Lead		M	2455	mg/kg	0.50	190		140		170		300		330
Selenium		M	2455	mg/kg	0.25	0.35		0.36		0.50		0.51		0.64
Zinc		M	2455	mg/kg	0.50	180		160		150		260		210
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05		< 0.05		< 0.05		< 0.05		< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05		< 0.05		< 0.05		< 0.05		< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05		< 0.05		< 0.05		< 0.05		< 0.05
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10	< 0.10		< 0.10		< 0.10		< 0.10		< 0.10
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05		< 0.05		< 0.05		< 0.05		< 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	< 0.25		< 0.25		< 0.25		< 0.25		< 0.25
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05		< 0.05		< 0.05		< 0.05		< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05		< 0.05		< 0.05		< 0.05		< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05		< 0.05		< 0.05		< 0.05		< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25		< 0.25		< 0.25		< 0.25		< 0.25
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50		< 0.50		< 0.50		< 0.50		< 0.50
Aliphatic EPH >C10-C12	EH_2D_AL_#1	M	5002	mg/kg	2.00	< 2.0		< 2.0		< 2.0		< 2.0		< 2.0
Aliphatic EPH >C12-C16	EH_2D_AL_#1	M	5002	mg/kg	2.00	< 2.0		7.1		< 2.0		3.4		< 2.0
Aliphatic EPH >C16-C21	EH_2D_AL_#1	M	5002	mg/kg	2.00	< 2.0		9.3		4.2		17		< 2.0

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:				26-03759	26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:				2082645	2082646	2082647	2082648	2082649	2082650
Order No.:		Client Sample Ref.:				ES3	ES4	ES5	ES6	ES1	ES2
		Client Reference:				WS03	WS03	WS03	WS03	WS02	WS02
		Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):				1.50	2.00	2.50	3.00	0.50	1.00
		Bottom Depth (m):									
		Date Sampled:				05-Feb-2026	05-Feb-2026	05-Feb-2026	05-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:				15:00	15:30	16:00	16:00	12:00	12:30
		Asbestos Lab:				NEW-ASB		NEW-ASB		NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD						
Aliphatic EPH >C21-C35	EH_2D_AL_#1	M	5002	mg/kg	3.00	< 3.0		3.2		5.5	33
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	< 10		< 10		< 10	28
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	M	5002	mg/kg	7.00	< 7.0		21		9.9	53
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	< 10		23		12	81
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0		< 2.0		< 2.0	< 2.0
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0		3.1		< 2.0	< 2.0
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0		11		13	16
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00	4.2		44		41	140
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00	< 1.0		3.2		9.9	3.5
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00	5.1		58		55	160
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00	< 10		62		64	160
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00	< 10		79		64	210
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00	11		84		77	240
Organic Matter		M	2625	%	0.40	3.0		2.2		1.9	2.6
Dichlorodifluoromethane		N	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
Chloromethane		M	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
Vinyl Chloride		M	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
Bromomethane		M	2760	µg/kg	20	< 20		< 20		< 20	< 20
Chloroethane		U	2760	µg/kg	2.0	< 2.0		< 2.0		< 2.0	< 2.0
Trichlorofluoromethane		N	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
1,1-Dichloroethene		M	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
Trans 1,2-Dichloroethene		M	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
1,1-Dichloroethane		M	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
cis 1,2-Dichloroethene		M	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
Bromochloromethane		U	2760	µg/kg	5.0	< 5.0		< 5.0		< 5.0	< 5.0
Trichloromethane		M	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
1,1,1-Trichloroethane		M	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
Tetrachloromethane		M	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
1,1-Dichloropropene		U	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
Benzene		M	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
1,2-Dichloroethane		M	2760	µg/kg	2.0	< 2.0		< 2.0		< 2.0	< 2.0
Trichloroethene		N	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
1,2-Dichloropropane		M	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
Dibromomethane		M	2760	µg/kg	1.0	< 1.0		< 1.0		< 1.0	< 1.0
Bromodichloromethane		M	2760	µg/kg	5.0	< 5.0		< 5.0		< 5.0	< 5.0
cis-1,3-Dichloropropene		N	2760	µg/kg	10	< 10		< 10		< 10	< 10

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:		26-03759	26-03759	26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:		2082645	2082646	2082647	2082648	2082649	2082650	2082651
Order No.:		Client Sample Ref.:		ES3	ES4	ES5	ES6	ES1	ES2	ES3
		Client Reference:		WS03	WS03	WS03	WS03	WS02	WS02	WS02
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		1.50	2.00	2.50	3.00	0.50	1.00	1.50
		Bottom Depth (m):								
		Date Sampled:		05-Feb-2026	05-Feb-2026	05-Feb-2026	05-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:		15:00	15:30	16:00	16:00	12:00	12:30	13:00
		Asbestos Lab:		NEW-ASB		NEW-ASB		NEW-ASB	NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD					
Toluene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane		M	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10
Tetrachloroethene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane		U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane		U	2760	µg/kg	10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane		M	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		M	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane		N	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50
N-Propylbenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Butylbenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		N	2760	µg/kg	50	< 50	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene		N	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		M	5003	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene		M	5003	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:		26-03759	26-03759	26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:		2082645	2082646	2082647	2082648	2082649	2082650	2082651
Order No.:		Client Sample Ref.:		ES3	ES4	ES5	ES6	ES1	ES2	ES3
		Client Reference:		WS03	WS03	WS03	WS03	WS02	WS02	WS02
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		1.50	2.00	2.50	3.00	0.50	1.00	1.50
		Bottom Depth (m):								
		Date Sampled:		05-Feb-2026	05-Feb-2026	05-Feb-2026	05-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:		15:00	15:30	16:00	16:00	12:00	12:30	13:00
		Asbestos Lab:		NEW-ASB		NEW-ASB		NEW-ASB	NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD					
Acenaphthene		M	5003	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene		M	5003	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene		M	5003	mg/kg	0.05	< 0.05	< 0.05	0.20	0.09	0.16
Anthracene		M	5003	mg/kg	0.05	< 0.05	< 0.05	0.07	< 0.05	0.07
Fluoranthene		M	5003	mg/kg	0.05	< 0.05	< 0.05	0.44	0.28	0.16
Pyrene		M	5003	mg/kg	0.05	< 0.05	< 0.05	0.37	0.25	0.12
Benzo[a]anthracene		M	5003	mg/kg	0.05	< 0.05	< 0.05	0.19	0.15	< 0.05
Chrysene		M	5003	mg/kg	0.05	< 0.05	< 0.05	0.19	0.16	< 0.05
Benzo[b]fluoranthene		M	5003	mg/kg	0.05	< 0.05	< 0.05	0.26	0.26	< 0.05
Benzo(k)Fluoranthene		M	5003	mg/kg	0.05	< 0.05	< 0.05	0.10	0.10	< 0.05
Benzo[a]pyrene		M	5003	mg/kg	0.05	< 0.05	< 0.05	0.20	0.20	< 0.05
Indeno(1,2,3-c,d)Pyrene		M	5003	mg/kg	0.05	< 0.05	< 0.05	0.13	0.14	< 0.05
Dibenz(a,h)Anthracene		M	5003	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[g,h,i]perylene		M	5003	mg/kg	0.05	< 0.05	< 0.05	0.12	0.14	< 0.05
Total Of 16 PAH's		M	5003	mg/kg	0.05	< 0.05	< 0.05	2.3	1.8	0.52
Total Phenols		M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:				26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:				2082652	2082653	2082654	2082655	2082656
Order No.:		Client Sample Ref.:				ES4	ES5	ES6	ES7	ES8
		Client Reference:				WS02	WS02	WS02	WS02	WS02
		Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):				2.00	2.50	3.00	3.5	4.5
		Bottom Depth (m):							4.0	5.0
		Date Sampled:				06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:				13:30	14:00	14:30	15:00	15:30
		Asbestos Lab:					NEW-ASB	NEW-ASB		NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD					
ACM Type		N	2192		N/A		-	-		-
Asbestos Identification		U	2192		N/A		No Asbestos Detected	No Asbestos Detected		No Asbestos Detected
Moisture		N	2030	%	0.020	14	19	19	7.4	11
Soil Colour		N	2030		N/A		Brown	Brown		Brown
Other Material		N	2030		N/A		Stones	Stones and chemical odour		Stones
Soil Texture		N	2030		N/A		Clay	Clay		Sand
pH at 20C		M	2010		4.0		8.7	8.6		8.7
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40		2.0	1.7		0.69
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010		0.21	0.098		0.11
Cyanide (Total)		M	2300	mg/kg	0.50		< 0.50	< 0.50		< 0.50
Arsenic		M	2455	mg/kg	0.5		15	13		10
Cadmium		M	2455	mg/kg	0.10		0.32	0.29		0.14
Chromium		M	2455	mg/kg	0.5		24	25		15
Copper		M	2455	mg/kg	0.50		89	53		25
Mercury		M	2455	mg/kg	0.05		0.95	0.46		0.18
Nickel		M	2455	mg/kg	0.50		23	24		17
Lead		M	2455	mg/kg	0.50		330	290		110
Selenium		M	2455	mg/kg	0.25		0.56	0.47		0.28
Zinc		M	2455	mg/kg	0.50		180	120		65
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	0.95		< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	2.1		0.13
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	2.2		0.50
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10		< 0.10	4.3		0.63
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05		0.25	3.4		1.9
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25		0.25	8.6		2.5
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05		< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05		< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	0.19		< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25		< 0.25	< 0.25		< 0.25
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50		< 0.50	8.8		2.5
Aliphatic EPH >C10-C12	EH_2D_AL_#1	M	5002	mg/kg	2.00		3.0	19		45
Aliphatic EPH >C12-C16	EH_2D_AL_#1	M	5002	mg/kg	2.00		6.5	46		85
Aliphatic EPH >C16-C21	EH_2D_AL_#1	M	5002	mg/kg	2.00		5.2	14		39

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:	26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:	2082652	2082653	2082654	2082655	2082656
Order No.:		Client Sample Ref.:	ES4	ES5	ES6	ES7	ES8
		Client Reference:	WS02	WS02	WS02	WS02	WS02
		Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	2.00	2.50	3.00	3.5	4.5
		Bottom Depth (m):				4.0	5.0
		Date Sampled:	06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:	13:30	14:00	14:30	15:00	15:30
		Asbestos Lab:		NEW-ASB	NEW-ASB		NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
Aliphatic EPH >C21-C35	EH_2D_AL_#1	M	5002	mg/kg	3.00		24
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	< 10	< 10
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	M	5002	mg/kg	7.00	26	190
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	30	200
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0	6.0
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0	14
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00	4.2	2.8
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00	16	6.5
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00	2.2	1.0
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00	22	29
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00	24	30
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00	48	220
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00	54	230
Organic Matter		M	2625	%	0.40	2.8	0.96
Dichlorodifluoromethane		N	2760	µg/kg	1.0	< 1.0	< 1.0
Chloromethane		M	2760	µg/kg	1.0	< 1.0	< 1.0
Vinyl Chloride		M	2760	µg/kg	1.0	< 1.0	< 1.0
Bromomethane		M	2760	µg/kg	20	< 20	< 20
Chloroethane		U	2760	µg/kg	2.0	< 2.0	< 2.0
Trichlorofluoromethane		N	2760	µg/kg	1.0	< 1.0	< 1.0
1,1-Dichloroethene		M	2760	µg/kg	1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		M	2760	µg/kg	1.0	< 1.0	< 1.0
1,1-Dichloroethane		M	2760	µg/kg	1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene		M	2760	µg/kg	1.0	< 1.0	< 1.0
Bromochloromethane		U	2760	µg/kg	5.0	< 5.0	< 5.0
Trichloromethane		M	2760	µg/kg	1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		M	2760	µg/kg	1.0	< 1.0	< 1.0
Tetrachloromethane		M	2760	µg/kg	1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	2760	µg/kg	1.0	< 1.0	< 1.0
Benzene		M	2760	µg/kg	1.0	< 1.0	< 1.0
1,2-Dichloroethane		M	2760	µg/kg	2.0	< 2.0	< 2.0
Trichloroethene		N	2760	µg/kg	1.0	< 1.0	< 1.0
1,2-Dichloropropane		M	2760	µg/kg	1.0	< 1.0	< 1.0
Dibromomethane		M	2760	µg/kg	1.0	< 1.0	< 1.0
Bromodichloromethane		M	2760	µg/kg	5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene		N	2760	µg/kg	10	< 10	< 10

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:					26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:					2082652	2082653	2082654	2082655	2082656
Order No.:		Client Sample Ref.:					ES4	ES5	ES6	ES7	ES8
		Client Reference:					WS02	WS02	WS02	WS02	WS02
		Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):					2.00	2.50	3.00	3.5	4.5
		Bottom Depth (m):								4.0	5.0
		Date Sampled:					06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:					13:30	14:00	14:30	15:00	15:30
		Asbestos Lab:						NEW-ASB	NEW-ASB		NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD						
Toluene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
Trans-1,3-Dichloropropene		N	2760	µg/kg	10			< 10	< 10		< 10
1,1,2-Trichloroethane		M	2760	µg/kg	10			< 10	< 10		< 10
Tetrachloroethene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
1,3-Dichloropropane		U	2760	µg/kg	2.0			< 2.0	< 2.0		< 2.0
Dibromochloromethane		U	2760	µg/kg	10			< 10	< 10		< 10
1,2-Dibromoethane		M	2760	µg/kg	5.0			< 5.0	< 5.0		< 5.0
Chlorobenzene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
1,1,1,2-Tetrachloroethane		M	2760	µg/kg	2.0			< 2.0	< 2.0		< 2.0
Ethylbenzene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
m & p-Xylene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
o-Xylene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
Styrene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
Tribromomethane		U	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
Isopropylbenzene		M	2760	µg/kg	1.0			56	52		26
Bromobenzene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
1,2,3-Trichloropropane		N	2760	µg/kg	50			< 50	< 50		< 50
N-Propylbenzene		U	2760	µg/kg	1.0			81	84		< 1.0
2-Chlorotoluene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
1,3,5-Trimethylbenzene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
4-Chlorotoluene		U	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
Tert-Butylbenzene		U	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
1,2,4-Trimethylbenzene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
Sec-Butylbenzene		U	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
1,3-Dichlorobenzene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
4-Isopropyltoluene		U	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
1,4-Dichlorobenzene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
N-Butylbenzene		U	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
1,2-Dichlorobenzene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
1,2-Dibromo-3-Chloropropane		N	2760	µg/kg	50			< 50	< 50		< 50
1,2,4-Trichlorobenzene		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
Hexachlorobutadiene		N	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0			< 2.0	< 2.0		< 2.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0			< 1.0	< 1.0		< 1.0
Naphthalene		M	5003	mg/kg	0.05			< 0.05	< 0.05		< 0.05
Acenaphthylene		M	5003	mg/kg	0.05			< 0.05	< 0.05		< 0.05

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:					26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:					2082652	2082653	2082654	2082655	2082656
Order No.:		Client Sample Ref.:					ES4	ES5	ES6	ES7	ES8
		Client Reference:					WS02	WS02	WS02	WS02	WS02
		Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):					2.00	2.50	3.00	3.5	4.5
		Bottom Depth (m):								4.0	5.0
		Date Sampled:					06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:					13:30	14:00	14:30	15:00	15:30
		Asbestos Lab:						NEW-ASB	NEW-ASB		NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD						
Acenaphthene		M	5003	mg/kg	0.05			< 0.05	< 0.05		< 0.05
Fluorene		M	5003	mg/kg	0.05			< 0.05	< 0.05		< 0.05
Phenanthrene		M	5003	mg/kg	0.05			< 0.05	< 0.05		< 0.05
Anthracene		M	5003	mg/kg	0.05			< 0.05	< 0.05		< 0.05
Fluoranthene		M	5003	mg/kg	0.05			0.14	< 0.05		< 0.05
Pyrene		M	5003	mg/kg	0.05			0.12	< 0.05		< 0.05
Benzo[a]anthracene		M	5003	mg/kg	0.05			< 0.05	< 0.05		< 0.05
Chrysene		M	5003	mg/kg	0.05			0.06	< 0.05		< 0.05
Benzo[b]fluoranthene		M	5003	mg/kg	0.05			0.08	< 0.05		< 0.05
Benzo(k)Fluoranthene		M	5003	mg/kg	0.05			< 0.05	< 0.05		< 0.05
Benzo[a]pyrene		M	5003	mg/kg	0.05			< 0.05	< 0.05		< 0.05
Indeno(1,2,3-c,d)Pyrene		M	5003	mg/kg	0.05			< 0.05	< 0.05		< 0.05
Dibenz(a,h)Anthracene		M	5003	mg/kg	0.05			< 0.05	< 0.05		< 0.05
Benzo[g,h,i]perylene		M	5003	mg/kg	0.05			< 0.05	< 0.05		< 0.05
Total Of 16 PAH's		M	5003	mg/kg	0.05			0.40	< 0.05		< 0.05
Total Phenols		M	2920	mg/kg	0.10			< 0.10	< 0.10		< 0.10

Results - Single Stage WAC

Project: J6329 Midgard Lts - Ferry Island

Chemtest Job No: 26-03759 Chemtest Sample ID: 2082646 Sample Ref: ES4 Sample ID: Client Reference: WS03 Top Depth(m): 2.00 Bottom Depth(m): Sampling Date: 05-Feb-2026						Landfill Waste Acceptance Criteria Limits		
						Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Determinand	SOP	HWOL Code	Accred.	Units				
Total Organic Carbon	2625		M	%	2.1	3	5	6
Loss On Ignition	2610		M	%	4.2	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.05	1	--	--
WAC Total C10-C40	5002	EH_2D_Total_#1	N	mg/kg	39	500	--	--
Total (Of 17) PAH's	5003		N	mg/kg	0.3	100	--	--
pH at 20C	2010		M		8.5	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0060	--	To evaluate	To evaluate
Eluate Analysis				10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455		U	0.010	0.10	0.5	2	25
Barium	1455		U	0.008	0.082	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0062	0.062	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.016	0.16	0.5	10	30
Nickel	1455		U	0.0009	0.0087	0.4	10	40
Lead	1455		U	0.0051	0.051	0.5	10	50
Antimony	1455		U	0.0066	0.066	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	< 0.003	< 0.025	4	50	200
Chloride	1220		U	1.3	13	800	15000	25000
Fluoride	1220		U	0.089	< 1.0	10	150	500
Sulphate	1220		U	15	150	1000	20000	50000
Total Dissolved Solids	1020		N	58	580	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	6.3	63	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	11
WAC Sample Weight	3048

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: J6329 Midgard Lts - Ferry Island

Project: 06020 Magdara Est. Ferry Island						Landfill Waste Acceptance Criteria		
Chemtest Job No: 26-03759						Limits		
Chemtest Sample ID: 2082648						Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample Ref: ES6								
Sample ID:								
Client Reference: WS03								
Top Depth(m): 3.00								
Bottom Depth(m):								
Sampling Date: 05-Feb-2026								
Determinand	SOP	HWOL Code	Accred.	Units				
Total Organic Carbon	2625		M	%	1.1	3	5	6
Loss On Ignition	2610		M	%	4.0	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.05	1	--	--
WAC Total C10-C40	5002	EH_2D_Total_#1	N	mg/kg	20	500	--	--
Total (Of 17) PAH's	5003		N	mg/kg	0.3	100	--	--
pH at 20C	2010		M		8.8	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0070	--	To evaluate	To evaluate
Eluate Analysis					10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg	
Arsenic	1455		U	0.016	0.16	0.5	2	25
Barium	1455		U	0.007	0.072	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0011	0.011	0.5	10	70
Copper	1455		U	0.010	0.10	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0041	0.041	0.5	10	30
Nickel	1455		U	0.0012	0.012	0.4	10	40
Lead	1455		U	0.0085	0.085	0.5	10	50
Antimony	1455		U	0.0049	0.049	0.06	0.7	5
Selenium	1455		U	0.0010	0.0098	0.1	0.5	7
Zinc	1455		U	0.005	0.049	4	50	200
Chloride	1220		U	1.2	12	800	15000	25000
Fluoride	1220		U	0.11	1.1	10	150	500
Sulphate	1220		U	4.9	49	1000	20000	50000
Total Dissolved Solids	1020		N	45	450	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	9.5	95	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	12
WAC Sample Weight	3478

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: J6329 Midgard Lts - Ferry Island

Chemtest Job No: 26-03759 Chemtest Sample ID: 2082652 Sample Ref: ES4 Sample ID: Client Reference: WS02 Top Depth(m): 2.00 Bottom Depth(m): Sampling Date: 06-Feb-2026						Landfill Waste Acceptance Criteria Limits		
						Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Determinand	SOP	HWOL Code	Accred.	Units				
Total Organic Carbon	2625		M	%	2.1	3	5	6
Loss On Ignition	2610		M	%	3.5	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.05	1	--	--
WAC Total C10-C40	5002	EH_2D_Total_#1	N	mg/kg	35	500	--	--
Total (Of 17) PAH's	5003		N	mg/kg	0.2	100	--	--
pH at 20C	2010		M		8.8	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0080	--	To evaluate	To evaluate
Eluate Analysis				10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455		U	0.0095	0.095	0.5	2	25
Barium	1455		U	0.015	0.15	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0007	0.0074	0.5	10	70
Copper	1455		U	0.0081	0.081	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0052	0.052	0.5	10	30
Nickel	1455		U	0.0023	0.023	0.4	10	40
Lead	1455		U	0.012	0.12	0.5	10	50
Antimony	1455		U	0.0076	0.076	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.005	0.048	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.093	< 1.0	10	150	500
Sulphate	1220		U	30	300	1000	20000	50000
Total Dissolved Solids	1020		N	83	830	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	8.4	84	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	13
WAC Sample Weight	3186

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: J6329 Midgard Lts - Ferry Island

Project: 06020 Magdara Est - Port of Island						Landfill Waste Acceptance Criteria		
Chemtest Job No: 26-03759						Limits		
Chemtest Sample ID: 2082655						Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample Ref: ES7								
Sample ID:								
Client Reference: WS02								
Top Depth(m): 3.5								
Bottom Depth(m): 4.0								
Sampling Date: 06-Feb-2026								
Determinand	SOP	HWOL Code	Accred.	Units				
Total Organic Carbon	2625		M	%	< 0.20	3	5	6
Loss On Ignition	2610		M	%	0.61	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.05	1	--	--
WAC Total C10-C40	5002	EH_2D_Total_#1	N	mg/kg	62	500	--	--
Total (Of 17) PAH's	5003		N	mg/kg	< 0.1	100	--	--
pH at 20C	2010		M		9.1	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	< 0.0020	--	To evaluate	To evaluate
Eluate Analysis				10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455		U	0.0058	0.058	0.5	2	25
Barium	1455		U	0.008	0.084	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0027	0.027	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0053	0.053	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	0.0028	0.028	0.5	10	50
Antimony	1455		U	0.0014	0.014	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	< 0.003	< 0.025	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.095	< 1.0	10	150	500
Sulphate	1220		U	8.2	82	1000	20000	50000
Total Dissolved Solids	1020		N	48	480	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.8	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	12
WAC Sample Weight	3880

Waste Acceptance Criteria

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

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity at 25°C and Total Dissolved Solids (TDS) in Waters	Conductivity Meter	
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	RE PW PL LE DW GW
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	RE PW PL SW DW GW
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation	PL SW GW
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	PL GW
2010	pH Value of Soils	pH at 20°C	pH Meter	
2015	Acid Neutralisation Capacity	Acid Reserve	Titration	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES	
2192	Asbestos Quantification in Soils Sediments Ballast & Aggregate Crushed Concrete & Demolition Rubble	Asbestos	Polarised light microscopy / Gravimetry	
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.	
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.	
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.	
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.	
2780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C7,>C7–C8,>C8-C10 Aromatics: >C5–C7,>C7-C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS. Reported PCB 101 results may contain contributions from PCB 90 due to inseparable chromatography.	
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.	
5002	EPH A/A Split	Aliphatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40 Aromatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40	Acetone/Hexane extraction / GCxGC FID detection	

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
5003	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Hexane / Acetone extraction GC-MS	
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	Compliance Test for Leaching of Granular Waste Material and Sludge	
650	Characterisation of Waste (Leaching C2,C8,C10,WAC)	Waste material including soil, sludges and granular waste	Compliance Test for Leaching of Granular Waste Material and Sludge	

Report Information

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

Text example All items indicated in italic font represent customer-supplied information that may not be independently verified by the laboratory

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

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

For all other tests the samples were dried at $\leq 30^{\circ}\text{C}$ prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

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

Where analysis is performed on a dried and crushed sample, it has been prepared by crushing all of the sample. If material has been removed prior to crushing, or by request of the client, this will be stated on the report.

NEW_ASB Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL

DURHAM Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

As a result of any of the below deviations applying, the test results may be unreliable

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - The required amount of sample for analysis was not received
- H - Appropriate cooling measures were not taken for sample transportation

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

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

Charges may apply to extended sample storage.

Report Information

Water Sample Category Key for Accreditation

DW - Drinking Water (Non-Regulatory)
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

If you require extended retention of samples, please email your requirements to:
cs@etuki.eurofins.com

Final Report

Report No.: 26-04190-1

Initial Date of Issue: 05-Mar-2026

Re-Issue Details:

Client *Endeavour Drilling*

Client Address: *Unit 7
Mapledean Industrial Estate
Maldon Road
Latchingdon
Essex
CM3 6LG*

Contact(s): *Matthew Rust*

Project *J6329 Midgard Ltd - Ferry Island -
Batch 2*

Quotation No.: Q26-40733

Date Received: 13-Feb-2026

Order No.:

Date Instructed: 13-Feb-2026

No. of Samples: 16

Turnaround (Wkdays): 11

Results Due: 27-Feb-2026

Date Approved: 05-Mar-2026

Approved By:



Details: David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:		26-04190	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:		2084263	2084264	2084265	2084266	2084267	2084268	2084269	2084269
Order No.:		Client Sample Ref.:		ES1	ES2	ES3	ES4	ES1	ES2	ES3	ES3
		Client Reference:		WS01	WS01	WS01	WS01	TP02	TP02	TP02	TP02
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.50	1.00	1.50	2.00	0.50	1.00	1.50	1.50
		Bottom Depth (m):					3.00				2.00
		Date Sampled:		09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026
		Asbestos Lab:		NEW-ASB		NEW-ASB	NEW-ASB	NEW-ASB			NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD						
ACM Type		N	2192		N/A	-		-	-	-	-
Asbestos Identification		U	2192		N/A	No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020	16	15	17	17	12	11
Soil Colour		N	2030		N/A	Brown		Brown	Brown	Brown	
Other Material		N	2030		N/A	Stones and brick		Stones	Stones	Stones, Roots and brick	
Soil Texture		N	2030		N/A	Sand		Sand	Sand	Loam	
pH at 20C		U	2010		4.0	8.4		8.3	9.8	9.4	
Boron (Hot Water Soluble)		U	2120	mg/kg	0.40	1.1		1.1	0.73	0.92	
Sulphate (2:1 Water Soluble) as SO4		U	2120	g/l	0.010	0.13		0.16	0.22	0.39	
Cyanide (Total)		U	2300	mg/kg	0.50	< 0.50		< 0.50	< 0.50	< 0.50	
Arsenic		U	2455	mg/kg	0.5	12		9.6	12	14	
Cadmium		U	2455	mg/kg	0.10	0.28		< 0.10	0.37	0.25	
Chromium		U	2455	mg/kg	0.5	19		17	18	24	
Copper		U	2455	mg/kg	0.50	44		20	62	37	
Mercury		U	2455	mg/kg	0.05	0.56		0.18	0.69	0.28	
Nickel		U	2455	mg/kg	0.50	20		17	20	20	
Lead		U	2455	mg/kg	0.50	190		150	320	190	
Selenium		U	2455	mg/kg	0.25	0.50		0.53	0.44	0.67	
Zinc		U	2455	mg/kg	0.50	140		75	290	120	
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05		< 0.05	< 0.05	< 0.05	
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05		< 0.05	< 0.05	< 0.05	
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05		< 0.05	< 0.05	< 0.05	
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10	< 0.10		< 0.10	< 0.10	< 0.10	
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05		< 0.05	0.56	0.41	
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	< 0.25		< 0.25	0.56	0.41	
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05		< 0.05	< 0.05	< 0.05	
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05		< 0.05	< 0.05	< 0.05	
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05		< 0.05	< 0.05	< 0.05	
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25		< 0.25	< 0.25	< 0.25	
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50		< 0.50	0.56	< 0.50	
Aliphatic EPH >C10-C12	EH_2D_AL_#1	U	5002	mg/kg	2.00	< 2.0		< 2.0	< 2.0	< 2.0	
Aliphatic EPH >C12-C16	EH_2D_AL_#1	U	5002	mg/kg	2.00	< 2.0		< 2.0	< 2.0	< 2.0	
Aliphatic EPH >C16-C21	EH_2D_AL_#1	U	5002	mg/kg	2.00	< 2.0		< 2.0	19	< 2.0	
Aliphatic EPH >C21-C35	EH_2D_AL_#1	U	5002	mg/kg	3.00	< 3.0		< 3.0	320	28	
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	< 10		< 10	62	< 10	

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:	2084263	2084264	2084265	2084266	2084267	2084268	2084269
Order No.:		Client Sample Ref.:	ES1	ES2	ES3	ES4	ES1	ES2	ES3
		Client Reference:	WS01	WS01	WS01	WS01	TP02	TP02	TP02
		Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.50	1.00	1.50	2.00	0.50	1.00	1.50
		Bottom Depth (m):				3.00			2.00
		Date Sampled:	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026
		Asbestos Lab:	NEW-ASB		NEW-ASB	NEW-ASB	NEW-ASB		NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD				
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	U	5002	mg/kg	7.00	< 7.0		< 7.0	340
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	< 10		< 10	410
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0		< 2.0	36
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0		< 2.0	< 2.0
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0		< 2.0	< 2.0
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00	15		< 2.0	2.4
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00	1.4		< 1.0	12
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00	16		< 4.0	7.0
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00	18		< 10	2.6
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00	17		< 10	60
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00	19		< 10	13
Organic Matter		U	2625	%	0.40	3.9		1.1	43
Dichlorodifluoromethane		N	2760	µg/kg	1.0	< 1.0		< 1.0	3.5
Chloromethane		U	2760	µg/kg	1.0	< 1.0		< 1.0	1.8
Vinyl Chloride		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Bromomethane		U	2760	µg/kg	20	< 20		< 20	< 20
Chloroethane		U	2760	µg/kg	2.0	< 2.0		< 2.0	< 2.0
Trichlorofluoromethane		N	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,1-Dichloroethene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Trans 1,2-Dichloroethene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,1-Dichloroethane		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
cis 1,2-Dichloroethene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Bromochloromethane		U	2760	µg/kg	5.0	< 5.0		< 5.0	< 5.0
Trichloromethane		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,1,1-Trichloroethane		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Tetrachloromethane		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,1-Dichloropropene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Benzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,2-Dichloroethane		U	2760	µg/kg	2.0	< 2.0		< 2.0	< 2.0
Trichloroethene		N	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,2-Dichloropropane		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Dibromomethane		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Bromodichloromethane		U	2760	µg/kg	5.0	< 5.0		< 5.0	< 5.0
cis-1,3-Dichloropropene		N	2760	µg/kg	10	< 10		< 10	< 10
Toluene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	2760	µg/kg	10	< 10		< 10	< 10
1,1,2-Trichloroethane		U	2760	µg/kg	10	< 10		< 10	< 10

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:	2084263	2084264	2084265	2084266	2084267	2084268	2084269
Order No.:		Client Sample Ref.:	ES1	ES2	ES3	ES4	ES1	ES2	ES3
		Client Reference:	WS01	WS01	WS01	WS01	TP02	TP02	TP02
		Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.50	1.00	1.50	2.00	0.50	1.00	1.50
		Bottom Depth (m):				3.00			2.00
		Date Sampled:	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026
		Asbestos Lab:	NEW-ASB		NEW-ASB	NEW-ASB	NEW-ASB		NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD				
Tetrachloroethene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,3-Dichloropropane		U	2760	µg/kg	2.0	< 2.0		< 2.0	< 2.0
Dibromochloromethane		U	2760	µg/kg	10	< 10		< 10	< 10
1,2-Dibromoethane		U	2760	µg/kg	5.0	< 5.0		< 5.0	< 5.0
Chlorobenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		U	2760	µg/kg	2.0	< 2.0		< 2.0	< 2.0
Ethylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
m & p-Xylene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
o-Xylene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Styrene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Tribromomethane		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Isopropylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Bromobenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,2,3-Trichloropropane		N	2760	µg/kg	50	< 50		< 50	< 50
N-Propylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
2-Chlorotoluene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,3,5-Trimethylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
4-Chlorotoluene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Tert-Butylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,2,4-Trimethylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Sec-Butylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,3-Dichlorobenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
4-Isopropyltoluene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,4-Dichlorobenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
N-Butylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,2-Dichlorobenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		N	2760	µg/kg	50	< 50		< 50	< 50
1,2,4-Trichlorobenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Hexachlorobutadiene		N	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0	< 2.0		< 2.0	< 2.0
Methyl Tert-Butyl Ether		U	2760	µg/kg	1.0	< 1.0		< 1.0	< 1.0
Naphthalene		U	5003	mg/kg	0.05	< 0.05		< 0.05	< 0.05
Acenaphthylene		U	5003	mg/kg	0.05	< 0.05		< 0.05	< 0.05
Acenaphthene		U	5003	mg/kg	0.05	< 0.05		< 0.05	< 0.05
Fluorene		U	5003	mg/kg	0.05	< 0.05		< 0.05	< 0.05
Phenanthrene		U	5003	mg/kg	0.05	< 0.05		0.06	< 0.05
Anthracene		U	5003	mg/kg	0.05	< 0.05		< 0.05	< 0.05

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:						26-04190	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:						2084263	2084264	2084265	2084266	2084267	2084268	2084269
Order No.:		Client Sample Ref.:						ES1	ES2	ES3	ES4	ES1	ES2	ES3
		Client Reference:						WS01	WS01	WS01	WS01	TP02	TP02	TP02
		Sample Type:						SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):						0.50	1.00	1.50	2.00	0.50	1.00	1.50
		Bottom Depth (m):									3.00			2.00
		Date Sampled:						09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026
		Asbestos Lab:						NEW-ASB		NEW-ASB	NEW-ASB	NEW-ASB		NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD									
Fluoranthene		U	5003	mg/kg	0.05	0.12		< 0.05	0.15	0.11				0.15
Pyrene		U	5003	mg/kg	0.05	0.10		< 0.05	0.12	0.10				0.14
Benzo[a]anthracene		U	5003	mg/kg	0.05	< 0.05		< 0.05	0.06	< 0.05				0.08
Chrysene		U	5003	mg/kg	0.05	< 0.05		< 0.05	0.07	0.06				0.09
Benzo[b]fluoranthene		U	5003	mg/kg	0.05	0.07		< 0.05	0.09	0.08				0.14
Benzo(k)Fluoranthene		U	5003	mg/kg	0.05	< 0.05		< 0.05	< 0.05	< 0.05				< 0.05
Benzo[a]pyrene		U	5003	mg/kg	0.05	< 0.05		< 0.05	0.07	0.06				0.11
Indeno(1,2,3-c,d)Pyrene		U	5003	mg/kg	0.05	< 0.05		< 0.05	0.06	< 0.05				0.09
Dibenz(a,h)Anthracene		U	5003	mg/kg	0.05	< 0.05		< 0.05	< 0.05	< 0.05				< 0.05
Benzo[g,h,i]perylene		U	5003	mg/kg	0.05	< 0.05		< 0.05	< 0.05	< 0.05				0.09
Total Of 16 PAH's		U	5003	mg/kg	0.05	0.29		< 0.05	0.69	0.40				0.89
Total Phenols		U	2920	mg/kg	0.10	< 0.10		< 0.10	< 0.10	< 0.10				< 0.10

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:	2084270	2084271	2084272	2084273	2084274	2084275	2084276
Order No.:		Client Sample Ref.:	ES1	ES2	ES3	ES1	ES2	ES3	ES4
		Client Reference:	TP03	TP03	TP03	TP04	TP04	TP04	TP04
		Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.50	1.00	1.20	0.50	1.00	1.50	2.50
		Bottom Depth (m):						2.00	3.00
		Date Sampled:	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026
		Asbestos Lab:	NEW-ASB		NEW-ASB	NEW-ASB		NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD				
ACM Type		N	2192		N/A	-		-	-
Asbestos Identification		U	2192		N/A	No Asbestos Detected		No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020	14	12	14	9.3
Soil Colour		N	2030		N/A	Brown		Brown	Brown
Other Material		N	2030		N/A	Stones, Roots and brick		Stones, Roots and brick	Stones and brick
Soil Texture		N	2030		N/A	Loam		Loam	Sand
pH at 20C		U	2010		4.0	9.0		9.0	11.0
Boron (Hot Water Soluble)		U	2120	mg/kg	0.40	0.70		1.2	1.6
Sulphate (2:1 Water Soluble) as SO4		U	2120	g/l	0.010	0.091		0.16	1.4
Cyanide (Total)		U	2300	mg/kg	0.50	< 0.50		< 0.50	< 0.50
Arsenic		U	2455	mg/kg	0.5	15		12	9.3
Cadmium		U	2455	mg/kg	0.10	0.29		0.42	0.15
Chromium		U	2455	mg/kg	0.5	28		18	23
Copper		U	2455	mg/kg	0.50	38		54	53
Mercury		U	2455	mg/kg	0.05	0.25		0.53	0.32
Nickel		U	2455	mg/kg	0.50	23		20	18
Lead		U	2455	mg/kg	0.50	170		250	94
Selenium		U	2455	mg/kg	0.25	0.86		0.94	0.32
Zinc		U	2455	mg/kg	0.50	130		170	120
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05		< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05		< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05		< 0.05	< 0.05
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10	< 0.10		< 0.10	< 0.10
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	0.25		0.20	0.19
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	< 0.25		< 0.25	< 0.25
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05		< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05		< 0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05		< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25		< 0.25	< 0.25
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50		< 0.50	< 0.50
Aliphatic EPH >C10-C12	EH_2D_AL_#1	U	5002	mg/kg	2.00	< 2.0		< 2.0	< 2.0
Aliphatic EPH >C12-C16	EH_2D_AL_#1	U	5002	mg/kg	2.00	< 2.0		< 2.0	2.1
Aliphatic EPH >C16-C21	EH_2D_AL_#1	U	5002	mg/kg	2.00	< 2.0		3.4	25
Aliphatic EPH >C21-C35	EH_2D_AL_#1	U	5002	mg/kg	3.00	3.0		12	190
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	< 10		< 10	28

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:	2084270	2084271	2084272	2084273	2084274	2084275	2084276
Order No.:		Client Sample Ref.:	ES1	ES2	ES3	ES1	ES2	ES3	ES4
		Client Reference:	TP03	TP03	TP03	TP04	TP04	TP04	TP04
		Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.50	1.00	1.20	0.50	1.00	1.50	2.50
		Bottom Depth (m):					2.00	3.00	
		Date Sampled:	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026
		Asbestos Lab:	NEW-ASB		NEW-ASB	NEW-ASB		NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD				
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	U	5002	mg/kg	7.00	< 7.0	16	220	< 7.0
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	< 10	17	250	< 10
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0	< 2.0	< 2.0	< 2.0
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0	< 2.0	< 2.0	3.9
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0	3.7	< 2.0	38
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00	2.4	26	30	110
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00	< 1.0	7.2	4.1	18
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00	< 4.0	29	32	150
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00	< 10	37	36	170
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00	< 10	45	250	150
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00	< 10	53	280	170
Organic Matter		U	2625	%	0.40	2.0	2.4	1.2	2.7
Dichlorodifluoromethane		N	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane		U	2760	µg/kg	20	< 20	< 20	< 20	< 20
Chloroethane		U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane		N	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane		U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane		U	2760	µg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene		N	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane		U	2760	µg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene		N	2760	µg/kg	10	< 10	< 10	< 10	< 10
Toluene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	2760	µg/kg	10	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane		U	2760	µg/kg	10	< 10	< 10	< 10	< 10

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:	2084270	2084271	2084272	2084273	2084274	2084275	2084276
Order No.:		Client Sample Ref.:	ES1	ES2	ES3	ES1	ES2	ES3	ES4
		Client Reference:	TP03	TP03	TP03	TP04	TP04	TP04	TP04
		Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.50	1.00	1.20	0.50	1.00	1.50	2.50
		Bottom Depth (m):					2.00	3.00	
		Date Sampled:	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026
		Asbestos Lab:	NEW-ASB		NEW-ASB	NEW-ASB		NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD				
Tetrachloroethene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
1,3-Dichloropropane		U	2760	µg/kg	2.0	< 2.0		< 2.0	
Dibromochloromethane		U	2760	µg/kg	10	< 10		< 10	
1,2-Dibromoethane		U	2760	µg/kg	5.0	< 5.0		< 5.0	
Chlorobenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
1,1,1,2-Tetrachloroethane		U	2760	µg/kg	2.0	< 2.0		< 2.0	
Ethylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
m & p-Xylene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
o-Xylene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
Styrene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
Tribromomethane		U	2760	µg/kg	1.0	< 1.0		< 1.0	
Isopropylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
Bromobenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
1,2,3-Trichloropropane		N	2760	µg/kg	50	< 50		< 50	
N-Propylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
2-Chlorotoluene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
1,3,5-Trimethylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
4-Chlorotoluene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
Tert-Butylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
1,2,4-Trimethylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
Sec-Butylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
1,3-Dichlorobenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
4-Isopropyltoluene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
1,4-Dichlorobenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
N-Butylbenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
1,2-Dichlorobenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
1,2-Dibromo-3-Chloropropane		N	2760	µg/kg	50	< 50		< 50	
1,2,4-Trichlorobenzene		U	2760	µg/kg	1.0	< 1.0		< 1.0	
Hexachlorobutadiene		N	2760	µg/kg	1.0	< 1.0		< 1.0	
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0	< 2.0		< 2.0	
Methyl Tert-Butyl Ether		U	2760	µg/kg	1.0	< 1.0		< 1.0	
Naphthalene		U	5003	mg/kg	0.05	< 0.05		< 0.05	
Acenaphthylene		U	5003	mg/kg	0.05	< 0.05		< 0.05	
Acenaphthene		U	5003	mg/kg	0.05	< 0.05		< 0.05	
Fluorene		U	5003	mg/kg	0.05	< 0.05		< 0.05	
Phenanthrene		U	5003	mg/kg	0.05	< 0.05	0.07	< 0.05	
Anthracene		U	5003	mg/kg	0.05	< 0.05		< 0.05	

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:						26-04190	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:						2084270	2084271	2084272	2084273	2084274	2084275	2084276
Order No.:		Client Sample Ref.:						ES1	ES2	ES3	ES1	ES2	ES3	ES4
		Client Reference:						TP03	TP03	TP03	TP04	TP04	TP04	TP04
		Sample Type:						SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):						0.50	1.00	1.20	0.50	1.00	1.50	2.50
		Bottom Depth (m):											2.00	3.00
		Date Sampled:						10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026
		Asbestos Lab:						NEW-ASB		NEW-ASB	NEW-ASB		NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD									
Fluoranthene		U	5003	mg/kg	0.05	0.08			0.19	0.10			2.3	
Pyrene		U	5003	mg/kg	0.05	0.06			0.16	0.11			2.0	
Benzo[a]anthracene		U	5003	mg/kg	0.05	< 0.05			0.09	0.07			1.1	
Chrysene		U	5003	mg/kg	0.05	< 0.05			0.10	0.07			1.0	
Benzo[b]fluoranthene		U	5003	mg/kg	0.05	< 0.05			0.14	0.11			1.2	
Benzo(k)Fluoranthene		U	5003	mg/kg	0.05	< 0.05			< 0.05	< 0.05			0.44	
Benzo[a]pyrene		U	5003	mg/kg	0.05	< 0.05			0.11	0.08			1.0	
Indeno(1,2,3-c,d)Pyrene		U	5003	mg/kg	0.05	< 0.05			0.09	0.07			0.67	
Dibenz(a,h)Anthracene		U	5003	mg/kg	0.05	< 0.05			< 0.05	< 0.05			0.14	
Benzo[g,h,i]perylene		U	5003	mg/kg	0.05	< 0.05			0.08	0.06			0.54	
Total Of 16 PAH's		U	5003	mg/kg	0.05	0.14			1.0	0.67			13	
Total Phenols		U	2920	mg/kg	0.10	< 0.10			< 0.10	< 0.10			< 0.10	

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:				26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:				2084277	2084278
Order No.:		Client Sample Ref.:				ES5	ES6
		Client Reference:				TP04	TP04
		Sample Type:				SOIL	SOIL
		Top Depth (m):				3.50	4.50
		Bottom Depth (m):				4.00	5.00
		Date Sampled:				10-Feb-2026	10-Feb-2026
		Asbestos Lab:				NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
ACM Type		N	2192		N/A	-	-
Asbestos Identification		U	2192		N/A	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020	17	17
Soil Colour		N	2030		N/A	Brown	Brown
Other Material		N	2030		N/A	Stones and Roots	Stones
Soil Texture		N	2030		N/A	Loam	Clay
pH at 20C		U	2010		4.0	8.9	8.6
Boron (Hot Water Soluble)		U	2120	mg/kg	0.40	1.1	1.2
Sulphate (2:1 Water Soluble) as SO4		U	2120	g/l	0.010	0.15	0.12
Cyanide (Total)		U	2300	mg/kg	0.50	< 0.50	< 0.50
Arsenic		U	2455	mg/kg	0.5	11	15
Cadmium		U	2455	mg/kg	0.10	0.22	< 0.10
Chromium		U	2455	mg/kg	0.5	13	35
Copper		U	2455	mg/kg	0.50	34	29
Mercury		U	2455	mg/kg	0.05	0.33	0.07
Nickel		U	2455	mg/kg	0.50	16	36
Lead		U	2455	mg/kg	0.50	140	39
Selenium		U	2455	mg/kg	0.25	0.51	1.3
Zinc		U	2455	mg/kg	0.50	130	80
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10	< 0.10	< 0.10
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	0.40	0.23
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	0.40	< 0.25
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25	< 0.25
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50	< 0.50
Aliphatic EPH >C10-C12	EH_2D_AL_#1	U	5002	mg/kg	2.00	8.5	< 2.0
Aliphatic EPH >C12-C16	EH_2D_AL_#1	U	5002	mg/kg	2.00	80	< 2.0
Aliphatic EPH >C16-C21	EH_2D_AL_#1	U	5002	mg/kg	2.00	13	< 2.0
Aliphatic EPH >C21-C35	EH_2D_AL_#1	U	5002	mg/kg	3.00	< 3.0	4.9
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	< 10	< 10

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:				26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:				2084277	2084278
Order No.:		Client Sample Ref.:				ES5	ES6
		Client Reference:				TP04	TP04
		Sample Type:				SOIL	SOIL
		Top Depth (m):				3.50	4.50
		Bottom Depth (m):				4.00	5.00
		Date Sampled:				10-Feb-2026	10-Feb-2026
		Asbestos Lab:				NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	U	5002	mg/kg	7.00	100	< 7.0
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	100	< 10
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00	5.1	< 2.0
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00	13	< 2.0
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0	< 2.0
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0	2.9
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00	< 1.0	< 1.0
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00	19	4.2
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00	19	< 10
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00	120	< 10
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00	120	< 10
Organic Matter		U	2625	%	0.40	2.2	0.96
Dichlorodifluoromethane		N	2760	µg/kg	1.0	< 1.0	< 1.0
Chloromethane		U	2760	µg/kg	1.0	< 1.0	< 1.0
Vinyl Chloride		U	2760	µg/kg	1.0	< 1.0	< 1.0
Bromomethane		U	2760	µg/kg	20	< 20	< 20
Chloroethane		U	2760	µg/kg	2.0	< 2.0	< 2.0
Trichlorofluoromethane		N	2760	µg/kg	1.0	< 1.0	< 1.0
1,1-Dichloroethene		U	2760	µg/kg	1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		U	2760	µg/kg	1.0	< 1.0	< 1.0
1,1-Dichloroethane		U	2760	µg/kg	1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene		U	2760	µg/kg	1.0	< 1.0	< 1.0
Bromochloromethane		U	2760	µg/kg	5.0	< 5.0	< 5.0
Trichloromethane		U	2760	µg/kg	1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		U	2760	µg/kg	1.0	< 1.0	< 1.0
Tetrachloromethane		U	2760	µg/kg	1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	2760	µg/kg	1.0	< 1.0	< 1.0
Benzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
1,2-Dichloroethane		U	2760	µg/kg	2.0	< 2.0	< 2.0
Trichloroethene		N	2760	µg/kg	1.0	< 1.0	< 1.0
1,2-Dichloropropane		U	2760	µg/kg	1.0	< 1.0	< 1.0
Dibromomethane		U	2760	µg/kg	1.0	< 1.0	< 1.0
Bromodichloromethane		U	2760	µg/kg	5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene		N	2760	µg/kg	10	< 10	< 10
Toluene		U	2760	µg/kg	1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	2760	µg/kg	10	< 10	< 10
1,1,2-Trichloroethane		U	2760	µg/kg	10	< 10	< 10

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:				26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:				2084277	2084278
Order No.:		Client Sample Ref.:				ES5	ES6
		Client Reference:				TP04	TP04
		Sample Type:				SOIL	SOIL
		Top Depth (m):				3.50	4.50
		Bottom Depth (m):				4.00	5.00
		Date Sampled:				10-Feb-2026	10-Feb-2026
		Asbestos Lab:				NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
Tetrachloroethene		U	2760	µg/kg	1.0	< 1.0	< 1.0
1,3-Dichloropropane		U	2760	µg/kg	2.0	< 2.0	< 2.0
Dibromochloromethane		U	2760	µg/kg	10	< 10	< 10
1,2-Dibromoethane		U	2760	µg/kg	5.0	< 5.0	< 5.0
Chlorobenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		U	2760	µg/kg	2.0	< 2.0	< 2.0
Ethylbenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
m & p-Xylene		U	2760	µg/kg	1.0	< 1.0	< 1.0
o-Xylene		U	2760	µg/kg	1.0	< 1.0	< 1.0
Styrene		U	2760	µg/kg	1.0	< 1.0	< 1.0
Tribromomethane		U	2760	µg/kg	1.0	< 1.0	< 1.0
Isopropylbenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
Bromobenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
1,2,3-Trichloropropane		N	2760	µg/kg	50	< 50	< 50
N-Propylbenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
2-Chlorotoluene		U	2760	µg/kg	1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
4-Chlorotoluene		U	2760	µg/kg	1.0	< 1.0	< 1.0
Tert-Butylbenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
Sec-Butylbenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
1,3-Dichlorobenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
4-Isopropyltoluene		U	2760	µg/kg	1.0	< 1.0	< 1.0
1,4-Dichlorobenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
N-Butylbenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
1,2-Dichlorobenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		N	2760	µg/kg	50	< 50	< 50
1,2,4-Trichlorobenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0
Hexachlorobutadiene		N	2760	µg/kg	1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether		U	2760	µg/kg	1.0	< 1.0	< 1.0
Naphthalene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Acenaphthylene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Acenaphthene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Fluorene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Phenanthrene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Anthracene		U	5003	mg/kg	0.05	< 0.05	< 0.05

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:				26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:				2084277	2084278
Order No.:		Client Sample Ref.:				ES5	ES6
		Client Reference:				TP04	TP04
		Sample Type:				SOIL	SOIL
		Top Depth (m):				3.50	4.50
		Bottom Depth (m):				4.00	5.00
		Date Sampled:				10-Feb-2026	10-Feb-2026
		Asbestos Lab:				NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
Fluoranthene		U	5003	mg/kg	0.05	< 0.05	0.07
Pyrene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Benzo[a]anthracene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Chrysene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Benzo[b]fluoranthene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Benzo(k)Fluoranthene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Benzo[a]pyrene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Indeno(1,2,3-c,d)Pyrene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Dibenz(a,h)Anthracene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Benzo[g,h,i]perylene		U	5003	mg/kg	0.05	< 0.05	< 0.05
Total Of 16 PAH's		U	5003	mg/kg	0.05	< 0.05	0.07
Total Phenols		U	2920	mg/kg	0.10	< 0.10	1.3

Results - Single Stage WAC

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Project: 06020 Magdara Est. Ferry Island Station						Landfill Waste Acceptance Criteria		
Chemtest Job No: 26-04190 Chemtest Sample ID: 2084264 Sample Ref: ES2 Sample ID: Client Reference: WS01 Top Depth(m): 1.00 Bottom Depth(m): Sampling Date: 09-Feb-2026						Limits		
						Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Determinand	SOP	HWOL Code	Accred.	Units				
Total Organic Carbon	2625		U	%	0.92	3	5	6
Loss On Ignition	2610		U	%	3.7	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.05	1	--	--
WAC Total C10-C40	5002	EH_2D_Total_#1	N	mg/kg	< 10	500	--	--
Total (Of 17) PAH's	5003		N	mg/kg	0.2	100	--	--
pH at 20C	2010		U		8.1	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis				10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455		U	0.0024	0.024	0.5	2	25
Barium	1455		U	< 0.005	< 0.050	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0006	0.0059	0.5	10	70
Copper	1455		U	0.0026	0.026	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0016	0.016	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	0.0041	0.042	0.5	10	50
Antimony	1455		U	< 0.0005	< 0.0050	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.004	0.036	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.11	1.1	10	150	500
Sulphate	1220		U	4.7	47	1000	20000	50000
Total Dissolved Solids	1020		N	31	310	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.8	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	8.8
WAC Sample Weight	1579

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Chemtest Job No: 26-04190 Chemtest Sample ID: 2084268 Sample Ref: ES2 Sample ID: Client Reference: TP02 Top Depth(m): 1.00 Bottom Depth(m): Sampling Date: 09-Feb-2026						Landfill Waste Acceptance Criteria Limits		
						Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Determinand	SOP	HWOL Code	Accred.	Units				
Total Organic Carbon	2625		U	%	2.0	3	5	6
Loss On Ignition	2610		U	%	3.8	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.05	1	--	--
WAC Total C10-C40	5002	EH_2D_Total_#1	N	mg/kg	130	500	--	--
Total (Of 17) PAH's	5003		N	mg/kg	4.3	100	--	--
pH at 20C	2010		U		9.9	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis				10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455		U	0.010	0.10	0.5	2	25
Barium	1455		U	< 0.005	< 0.050	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0006	0.0058	0.5	10	70
Copper	1455		U	0.0085	0.085	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0036	0.036	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	0.0062	0.062	0.5	10	50
Antimony	1455		U	0.0016	0.016	0.06	0.7	5
Selenium	1455		U	0.0009	0.0090	0.1	0.5	7
Zinc	1455		U	0.009	0.091	4	50	200
Chloride	1220		U	1.5	15	800	15000	25000
Fluoride	1220		U	0.13	1.3	10	150	500
Sulphate	1220		U	13	130	1000	20000	50000
Total Dissolved Solids	1020		N	65	650	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	4.2	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	8.0
WAC Sample Weight	1399

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Chemtest Job No: 26-04190 Chemtest Sample ID: 2084271 Sample Ref: ES2 Sample ID: Client Reference: TP03 Top Depth(m): 1.00 Bottom Depth(m): Sampling Date: 10-Feb-2026						Landfill Waste Acceptance Criteria Limits		
						Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Determinand	SOP	HWOL Code	Accred.	Units				
Total Organic Carbon	2625		U	%	2.1	3	5	6
Loss On Ignition	2610		U	%	3.8	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.05	1	--	--
WAC Total C10-C40	5002	EH_2D_Total_#1	N	mg/kg	15	500	--	--
Total (Of 17) PAH's	5003		N	mg/kg	3.0	100	--	--
pH at 20C	2010		U		8.6	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis				10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455		U	0.0026	0.026	0.5	2	25
Barium	1455		U	0.005	0.052	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0023	0.023	0.5	10	70
Copper	1455		U	0.0036	0.036	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0033	0.033	0.5	10	30
Nickel	1455		U	0.0018	0.018	0.4	10	40
Lead	1455		U	0.0020	0.020	0.5	10	50
Antimony	1455		U	< 0.0005	< 0.0050	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.023	0.23	4	50	200
Chloride	1220		U	1.2	12	800	15000	25000
Fluoride	1220		U	0.093	< 1.0	10	150	500
Sulphate	1220		U	4.3	43	1000	20000	50000
Total Dissolved Solids	1020		N	27	270	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.4	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	9.1
WAC Sample Weight	1563

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Chemtest Job No: 26-04190 Chemtest Sample ID: 2084274 Sample Ref: ES2 Sample ID: Client Reference: TP04 Top Depth(m): 1.00 Bottom Depth(m): Sampling Date: 10-Feb-2026						Landfill Waste Acceptance Criteria Limits		
						Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Determinand	SOP	HWOL Code	Accred.	Units				
Total Organic Carbon	2625		U	%	1.2	3	5	6
Loss On Ignition	2610		U	%	3.7	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.05	1	--	--
WAC Total C10-C40	5002	EH_2D_Total_#1	N	mg/kg	34	500	--	--
Total (Of 17) PAH's	5003		N	mg/kg	15	100	--	--
pH at 20C	2010		U		9.1	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.020	--	To evaluate	To evaluate
Eluate Analysis				10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455		U	0.0010	0.010	0.5	2	25
Barium	1455		U	0.022	0.22	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0022	0.022	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0074	0.074	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0012	0.012	0.06	0.7	5
Selenium	1455		U	0.0006	0.0059	0.1	0.5	7
Zinc	1455		U	< 0.003	< 0.025	4	50	200
Chloride	1220		U	1.3	13	800	15000	25000
Fluoride	1220		U	0.54	5.4	10	150	500
Sulphate	1220		U	350	3500	1000	20000	50000
Total Dissolved Solids	1020		N	470	4700	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	2.7	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	9.8
WAC Sample Weight	1400

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Chemtest Job No: 26-04190						Landfill Waste Acceptance Criteria		
Chemtest Sample ID: 2084276						Limits		
Sample Ref: ES4						Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID:								
Client Reference: TP04								
Top Depth(m): 2.50								
Bottom Depth(m): 3.00								
Sampling Date: 10-Feb-2026								
Determinand	SOP	HWOL Code	Accred.	Units				
Total Organic Carbon	2625		U	%	1.4	3	5	6
Loss On Ignition	2610		U	%	3.8	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.05	1	--	--
WAC Total C10-C40	5002	EH_2D_Total_#1	N	mg/kg	< 10	500	--	--
Total (Of 17) PAH's	5003		N	mg/kg	0.1	100	--	--
pH at 20C	2010		U		9.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.019	--	To evaluate	To evaluate
Eluate Analysis					10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg	
Arsenic	1455		U	0.0058	0.058	0.5	2	25
Barium	1455		U	0.005	0.052	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0008	0.0076	0.5	10	70
Copper	1455		U	0.013	0.13	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0039	0.039	0.5	10	30
Nickel	1455		U	0.0011	0.011	0.4	10	40
Lead	1455		U	0.013	0.13	0.5	10	50
Antimony	1455		U	0.0054	0.054	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.013	0.13	4	50	200
Chloride	1220		U	1.0	10	800	15000	25000
Fluoride	1220		U	0.11	1.1	10	150	500
Sulphate	1220		U	6.1	61	1000	20000	50000
Total Dissolved Solids	1020		N	46	460	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.8	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	8.4
WAC Sample Weight	1712

Waste Acceptance Criteria

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

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity at 25°C and Total Dissolved Solids (TDS) in Waters	Conductivity Meter	
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	RE PW PL LE DW GW
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	RE PW PL SW DW GW
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation	PL SW GW
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	PL GW
2010	pH Value of Soils	pH at 20°C	pH Meter	
2015	Acid Neutralisation Capacity	Acid Reserve	Titration	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES	
2192	Asbestos Quantification in Soils Sediments Ballast & Aggregate Crushed Concrete & Demolition Rubble	Asbestos	Polarised light microscopy / Gravimetry	
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.	
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.	
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.	
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.	
2780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C7,>C7–C8,>C8-C10 Aromatics: >C5–C7,>C7-C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS. Reported PCB 101 results may contain contributions from PCB 90 due to inseparable chromatography.	
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.	
5002	EPH A/A Split	Aliphatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40 Aromatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40	Acetone/Hexane extraction / GCxGC FID detection	

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
5003	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Hexane / Acetone extraction GC-MS	
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	Compliance Test for Leaching of Granular Waste Material and Sludge	
650	Characterisation of Waste (Leaching C2,C8,C10,WAC)	Waste material including soil, sludges and granular waste	Compliance Test for Leaching of Granular Waste Material and Sludge	

Report Information

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

Text example All items indicated in italic font represent customer-supplied information that may not be independently verified by the laboratory

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

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

For all other tests the samples were dried at $\leq 30^{\circ}\text{C}$ prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

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

Where analysis is performed on a dried and crushed sample, it has been prepared by crushing all of the sample. If material has been removed prior to crushing, or by request of the client, this will be stated on the report.

NEW_ASB Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL

DURHAM Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

As a result of any of the below deviations applying, the test results may be unreliable

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - The required amount of sample for analysis was not received
- H - Appropriate cooling measures were not taken for sample transportation

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

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

Charges may apply to extended sample storage.

Report Information

Water Sample Category Key for Accreditation

DW - Drinking Water (Non-Regulatory)
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

If you require extended retention of samples, please email your requirements to:
cs@etuki.eurofins.com



Final Report

Report No.: 26-05711-1

Initial Date of Issue: 19-Mar-2026

Re-Issue Details:

Client *Endeavour Drilling*

Client Address: *Unit 7
Mapledean Industrial Estate
Maldon Road
Latchingdon
Essex
CM3 6LG*

Contact(s): *Matthew Rust*

Project *J6329 Midgard Ltd - Ferry Island -
BatchH 3*

Quotation No.: Q26-40733

Date Received: 26-Feb-2026

Order No.:

Date Instructed: 27-Feb-2026

No. of Samples: 2

Turnaround (Wkdays): 10

Results Due: 12-Mar-2026

Date Approved: 19-Mar-2026

Approved By:

Details: David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 3

Client: Endeavour Drilling		Chemtest Job No.:				26-05711	26-05711
Quotation No.: Q26-40733		Chemtest Sample ID.:				2089647	2089648
		Client Reference:				WS01	WS02
		Sample Type:				WATER	WATER
		Sample Sub Type:				Ground Water	Ground Water
		Top Depth (m):				2.50	2.50
		Date Sampled:				24-Feb-2026	24-Feb-2026
		Time Sampled:				14:30	15:00
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
pH at 20C		U	1010		4.0	7.6	7.3
Sulphate		U	1220	mg/l	1.0	130	390
Cyanide (Total)		U	1300	mg/l	0.050	< 0.050	< 0.050
Arsenic (Dissolved)		U	1455	µg/l	0.20	3.2	32
Boron (Dissolved)		U	1455	µg/l	10.0	110	280
Cadmium (Dissolved)		U	1455	µg/l	0.11	< 0.11	< 0.11
Chromium (Dissolved)		U	1455	µg/l	0.50	< 0.50	< 0.50
Copper (Dissolved)		U	1455	µg/l	0.50	27	1.2
Mercury (Dissolved)		U	1455	µg/l	0.05	< 0.05	< 0.05
Nickel (Dissolved)		U	1455	µg/l	0.50	9.4	9.8
Lead (Dissolved)		U	1455	µg/l	0.50	4.7	15
Selenium (Dissolved)		U	1455	µg/l	0.50	< 0.50	1.3
Zinc (Dissolved)		U	1455	µg/l	2.5	56	2.9
Aliphatic TPH >C5-C6	EH_2D_AL_#1	N	1780	µg/l	0.10	< 0.10	1700
Aliphatic TPH >C6-C8	EH_2D_AL_#1	N	1780	µg/l	0.10	< 0.10	26000
Aliphatic TPH >C8-C10	EH_2D_AL_#1	N	1780	µg/l	0.10	< 0.10	41000
Aliphatic TPH >C10-C12	EH_2D_AL_#1	N	1680	µg/l	0.10	< 0.10	19000
Aliphatic TPH >C12-C16	EH_2D_AL_#1	N	1680	µg/l	0.10	< 0.10	25000
Aliphatic TPH >C16-C21	EH_2D_AL_#1	N	1680	µg/l	0.10	< 0.10	11000
Aliphatic TPH >C21-C35	EH_2D_AL_#1	N	1680	µg/l	0.10	< 0.10	7800
Aliphatic TPH >C35-C44	EH_2D_AL_#1	N	1680	µg/l	0.10	< 0.10	550
Total Aliphatic Hydrocarbons	EH_2D_AL_#1	N	1675	µg/l	5.0	< 5.0	130000
Aromatic TPH >C5-C7	EH_2D_AR_#1	N	1780	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C7-C8	EH_2D_AR_#1	N	1780	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C8-C10	EH_2D_AR_#1	N	1780	µg/l	0.10	< 0.10	60
Aromatic TPH >C10-C12	EH_2D_AR_#1	N	1680	µg/l	0.10	< 0.10	10000
Aromatic TPH >C12-C16	EH_2D_AR_#1	N	1680	µg/l	0.10	< 0.10	16000
Aromatic TPH >C16-C21	EH_2D_AR_#1	N	1680	µg/l	0.10	< 0.10	7100
Aromatic TPH >C21-C35	EH_2D_AR_#1	N	1680	µg/l	0.10	< 0.10	900
Aromatic TPH >C35-C44	EH_2D_AR_#1	N	1680	µg/l	0.10	< 0.10	< 0.10
Total Aromatic Hydrocarbons	EH_2D_AR_#1	N	1675	µg/l	5.0	< 5.0	34000
Total Petroleum Hydrocarbons	EH_2D_Total_#1	N	1675	µg/l	10	< 10	170000
Dichlorodifluoromethane		N	1760	µg/l	1.0	< 1.0	< 1.0
Chloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0
Vinyl Chloride		N	1760	µg/l	1.0	< 1.0	< 1.0
Bromomethane		U	1760	µg/l	5	< 5	< 5
Chloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 3

Client: Endeavour Drilling		Chemtest Job No.:				26-05711	26-05711
Quotation No.: Q26-40733		Chemtest Sample ID.:				2089647	2089648
		Client Reference:				WS01	WS02
		Sample Type:				WATER	WATER
		Sample Sub Type:				Ground Water	Ground Water
		Top Depth (m):				2.50	2.50
		Date Sampled:				24-Feb-2026	24-Feb-2026
		Time Sampled:				14:30	15:00
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
Trichlorofluoromethane		N	1760	µg/l	1.0	< 1.0	< 1.0
1,1-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,1-Dichloroethane		U	1760	µg/l	1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0
Bromochloromethane		U	1760	µg/l	5	< 5	< 5
Trichloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		U	1760	µg/l	1.0	< 1.0	< 1.0
Tetrachloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	1760	µg/l	1.0	< 1.0	< 1.0
Benzene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,2-Dichloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0
Trichloroethene		N	1760	µg/l	1.0	< 1.0	< 1.0
1,2-Dichloropropane		U	1760	µg/l	1.0	< 1.0	< 1.0
Dibromomethane		U	1760	µg/l	10	< 10	< 10
Bromodichloromethane		U	1760	µg/l	5	< 5	< 5
cis-1,3-Dichloropropene		N	1760	µg/l	10	< 10	< 10
Toluene		U	1760	µg/l	1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	1760	µg/l	10	< 10	< 10
1,1,2-Trichloroethane		U	1760	µg/l	10	< 10	< 10
Tetrachloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,3-Dichloropropane		U	1760	µg/l	2.0	< 2.0	< 2.0
Dibromochloromethane		U	1760	µg/l	10	< 10	< 10
1,2-Dibromoethane		U	1760	µg/l	5	< 5	< 5
Chlorobenzene		N	1760	µg/l	1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0
Ethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
m & p-Xylene		U	1760	µg/l	1.0	< 1.0	< 1.0
o-Xylene		U	1760	µg/l	1.0	< 1.0	< 1.0
Styrene		U	1760	µg/l	1.0	< 1.0	< 1.0
Tribromomethane		U	1760	µg/l	1.0	< 1.0	< 1.0
Isopropylbenzene		U	1760	µg/l	1.0	< 1.0	7.5
Bromobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,2,3-Trichloropropane		N	1760	µg/l	50	< 50	< 50
N-Propylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
2-Chlorotoluene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 3

Client: Endeavour Drilling		Chemtest Job No.:				26-05711	26-05711
Quotation No.: Q26-40733		Chemtest Sample ID.:				2089647	2089648
		Client Reference:				WS01	WS02
		Sample Type:				WATER	WATER
		Sample Sub Type:				Ground Water	Ground Water
		Top Depth (m):				2.50	2.50
		Date Sampled:				24-Feb-2026	24-Feb-2026
		Time Sampled:				14:30	15:00
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
4-Chlorotoluene		U	1760	µg/l	1.0	< 1.0	< 1.0
Tert-Butylbenzene		U	1760	µg/l	1.0	< 1.0	6.2
1,2,4-Trimethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
Sec-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,3-Dichlorobenzene		N	1760	µg/l	1.0	< 1.0	< 1.0
4-Isopropyltoluene		U	1760	µg/l	1.0	< 1.0	16
1,4-Dichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
N-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,2-Dichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		N	1760	µg/l	50	< 50	< 50
1,2,4-Trichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
Hexachlorobutadiene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	1760	µg/l	2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether		N	1760	µg/l	1.0	< 1.0	< 1.0
Naphthalene		U	1800	µg/l	0.10	< 0.10	< 0.10
Acenaphthylene		U	1800	µg/l	0.10	< 0.10	< 0.10
Acenaphthene		U	1800	µg/l	0.10	< 0.10	< 0.10
Fluorene		U	1800	µg/l	0.10	< 0.10	< 0.10
Phenanthrene		U	1800	µg/l	0.10	< 0.10	12
Anthracene		U	1800	µg/l	0.10	< 0.10	4.4
Fluoranthene		U	1800	µg/l	0.10	< 0.10	5.8
Pyrene		U	1800	µg/l	0.10	< 0.10	6.6
Benzo[a]anthracene		U	1800	µg/l	0.10	< 0.10	1.4
Chrysene		U	1800	µg/l	0.10	< 0.10	1.9
Benzo[b]fluoranthene		U	1800	µg/l	0.10	< 0.10	1.3
Benzo[k]fluoranthene		U	1800	µg/l	0.10	< 0.10	0.44
Benzo[a]pyrene		U	1800	µg/l	0.10	< 0.10	0.69
Indeno(1,2,3-c,d)Pyrene		U	1800	µg/l	0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		U	1800	µg/l	0.10	< 0.10	< 0.10
Total Of 16 PAH's		U	1800	µg/l	2.0	< 2.0	35
Total Phenols		U	1920	mg/l	0.030	< 0.030	< 0.030

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1010	pH Value of Waters	pH at 20°C	pH Meter	RE PW TE TS PL DW GW
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	RE PW PL LE DW GW
1300	Cyanides & Thiocyanate in Waters	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Continuous Flow Analysis.	GW
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	RE PW PL SW DW GW
1675	TPH Aliphatic/Aromatic split in Waters by GC-FID(cf. Texas Method 1006 / TPH CWG)	Aliphatics: >C5–C6, >C6–C8, >C8– C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Pentane extraction / GCxGC FID detection	
1680	Extractable Petroleum Hydrocarbons	Aliphatics: >C5–C6, >C6–C8, >C8– C10*, >C10–C12*, >C12–C16*, >C16–C21*, >C21– C35*, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10*, >C10–C12*, >C12–C16*, >C16– C21*, >C21– C35*, >C35– C44	Dichloromethane extraction / GCxGC FID detection	
1760	Volatile Organic Compounds (VOCs) in Waters by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics. (cf. USEPA Method 8260)	Automated headspace gas chromatographic (GC) analysis of water samples with mass spectrometric (MS) detection of volatile organic compounds.	PL GW
1780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10Aromatics: >C5–C6, >C6–C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection	PL GW SW
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	PL GW

Report Information

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

Text example All items indicated in italic font represent customer-supplied information that may not be independently verified by the laboratory

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

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

For all other tests the samples were dried at $\leq 30^{\circ}\text{C}$ prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

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

Where analysis is performed on a dried and crushed sample, it has been prepared by crushing all of the sample. If material has been removed prior to crushing, or by request of the client, this will be stated on the report.

NEW_ASB Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL

DURHAM Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

As a result of any of the below deviations applying, the test results may be unreliable

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - The required amount of sample for analysis was not received
- H - Appropriate cooling measures were not taken for sample transportation

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

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

Charges may apply to extended sample storage.

Report Information

Water Sample Category Key for Accreditation

DW - Drinking Water (Non-Regulatory)
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

If you require extended retention of samples, please email your requirements to:
cs@etuki.eurofins.com

Final Report

Report No.: 26-07733-1

Initial Date of Issue: 27-Mar-2026

Re-Issue Details:

Client *Endeavour Drilling*

Client Address: *Unit 7
Mapledean Industrial Estate
Maldon Road
Latchingdon
Essex
CM3 6LG*

Contact(s): *Matthew Rust*

Project *J6329 Midgard Ltd - Ferry Island -
Batch 4*

Quotation No.: Q26-40733

Date Received: 13-Mar-2026

Order No.:

Date Instructed: 13-Mar-2026

No. of Samples: 3

Turnaround (Wkdays): 10

Results Due: 26-Mar-2026

Date Approved: 27-Mar-2026

Approved By:



Details: David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 4

Client: Endeavour Drilling		Chemtest Job No.:				26-07733	26-07733	26-07733
Quotation No.: Q26-40733		Chemtest Sample ID.:				2096444	2096445	2096446
		Client Reference:				WS01	WS02	WS03
		Sample Type:				WATER	WATER	WATER
		Sample Sub Type:				Ground Water	Ground Water	Ground Water
		Top Depth (m):				2.75	2.75	2.75
		Date Sampled:				11-Mar-2026	11-Mar-2026	11-Mar-2026
		Time Sampled:				14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD			
pH at 20C		U	1010		4.0	7.9	8.4	8.3
Sulphate		U	1220	mg/l	1.0	130	280	140
Cyanide (Total)		U	1300	mg/l	0.050	< 0.050	< 0.050	< 0.050
Arsenic (Dissolved)		U	1455	µg/l	0.20	4.3	11	14
Boron (Dissolved)		U	1455	µg/l	10.0	130	230	220
Cadmium (Dissolved)		U	1455	µg/l	0.11	< 0.11	< 0.11	< 0.11
Chromium (Dissolved)		U	1455	µg/l	0.50	< 0.50	< 0.50	< 0.50
Copper (Dissolved)		U	1455	µg/l	0.50	11	< 0.50	0.79
Mercury (Dissolved)		U	1455	µg/l	0.05	< 0.05	< 0.05	< 0.05
Nickel (Dissolved)		U	1455	µg/l	0.50	7.4	4.2	7.0
Lead (Dissolved)		U	1455	µg/l	0.50	6.7	1.3	1.2
Selenium (Dissolved)		U	1455	µg/l	0.50	< 0.50	< 0.50	< 0.50
Zinc (Dissolved)		U	1455	µg/l	2.5	50	< 2.5	< 2.5
Aliphatic TPH >C5-C6	EH_2D_AL_#1	N	1780	µg/l	0.10	< 0.10	110	< 0.10
Aliphatic TPH >C6-C8	EH_2D_AL_#1	N	1780	µg/l	0.10	< 0.10	3500	2000
Aliphatic TPH >C8-C10	EH_2D_AL_#1	N	1780	µg/l	0.10	< 0.10	9400	5800
Aliphatic TPH >C10-C12	EH_2D_AL_#1	N	1680	µg/l	0.10	< 0.10	1300	< 0.10
Aliphatic TPH >C12-C16	EH_2D_AL_#1	N	1680	µg/l	0.10	< 0.10	2100	< 0.10
Aliphatic TPH >C16-C21	EH_2D_AL_#1	N	1680	µg/l	0.10	< 0.10	1200	< 0.10
Aliphatic TPH >C21-C35	EH_2D_AL_#1	N	1680	µg/l	0.10	< 0.10	260	< 0.10
Aliphatic TPH >C35-C44	EH_2D_AL_#1	N	1680	µg/l	0.10	< 0.10	< 0.10	< 0.10
Total Aliphatic Hydrocarbons	EH_2D_AL_#1	N	1675	µg/l	5.0	< 5.0	18000	7800
Aromatic TPH >C5-C7	EH_2D_AR_#1	N	1780	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C7-C8	EH_2D_AR_#1	N	1780	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C8-C10	EH_2D_AR_#1	N	1780	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C10-C12	EH_2D_AR_#1	N	1680	µg/l	0.10	< 0.10	380	17
Aromatic TPH >C12-C16	EH_2D_AR_#1	N	1680	µg/l	0.10	< 0.10	760	15
Aromatic TPH >C16-C21	EH_2D_AR_#1	N	1680	µg/l	0.10	< 0.10	180	< 0.10
Aromatic TPH >C21-C35	EH_2D_AR_#1	N	1680	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C35-C44	EH_2D_AR_#1	N	1680	µg/l	0.10	< 0.10	< 0.10	< 0.10
Total Aromatic Hydrocarbons	EH_2D_AR_#1	N	1675	µg/l	5.0	< 5.0	1300	31
Total Petroleum Hydrocarbons	EH_2D_Total_#1	N	1675	µg/l	10	< 10	19000	7900
Dichlorodifluoromethane		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Chloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Bromomethane		U	1760	µg/l	5	< 5	< 5	< 5
Chloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 4

Client: Endeavour Drilling		Chemtest Job No.:				26-07733	26-07733	26-07733
Quotation No.: Q26-40733		Chemtest Sample ID.:				2096444	2096445	2096446
		Client Reference:				WS01	WS02	WS03
		Sample Type:				WATER	WATER	WATER
		Sample Sub Type:				Ground Water	Ground Water	Ground Water
		Top Depth (m):				2.75	2.75	2.75
		Date Sampled:				11-Mar-2026	11-Mar-2026	11-Mar-2026
		Time Sampled:				14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD			
Trichlorofluoromethane		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane		U	1760	µg/l	5	< 5	< 5	< 5
Trichloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Benzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0
Trichloroethene		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Dibromomethane		U	1760	µg/l	10	< 10	< 10	< 10
Bromodichloromethane		U	1760	µg/l	5	< 5	< 5	< 5
cis-1,3-Dichloropropene		N	1760	µg/l	10	< 10	< 10	< 10
Toluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	1760	µg/l	10	< 10	< 10	< 10
1,1,2-Trichloroethane		U	1760	µg/l	10	< 10	< 10	< 10
Tetrachloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane		U	1760	µg/l	10	< 10	< 10	< 10
1,2-Dibromoethane		U	1760	µg/l	5	< 5	< 5	< 5
Chlorobenzene		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
o-Xylene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Styrene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Tribromomethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Bromobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane		N	1760	µg/l	50	< 50	< 50	< 50
N-Propylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene		U	1760	µg/l	1.0	< 1.0	2.2	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 4

Client: Endeavour Drilling		Chemtest Job No.:				26-07733	26-07733	26-07733
Quotation No.: Q26-40733		Chemtest Sample ID.:				2096444	2096445	2096446
		Client Reference:				WS01	WS02	WS03
		Sample Type:				WATER	WATER	WATER
		Sample Sub Type:				Ground Water	Ground Water	Ground Water
		Top Depth (m):				2.75	2.75	2.75
		Date Sampled:				11-Mar-2026	11-Mar-2026	11-Mar-2026
		Time Sampled:				14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD			
4-Chlorotoluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
N-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		N	1760	µg/l	50	< 50	< 50	< 50
1,2,4-Trichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0
Naphthalene		U	1800	µg/l	0.10	< 0.10	< 0.10	15
Acenaphthylene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		U	1800	µg/l	0.10	< 0.10	1.1	6.6
Fluorene		U	1800	µg/l	0.10	< 0.10	< 0.10	3.4
Phenanthrene		U	1800	µg/l	0.10	0.27	0.73	5.5
Anthracene		U	1800	µg/l	0.10	< 0.10	0.41	1.1
Fluoranthene		U	1800	µg/l	0.10	0.70	0.44	1.5
Pyrene		U	1800	µg/l	0.10	0.59	0.66	1.2
Benzo[a]anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10
Chrysene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's		U	1800	µg/l	2.0	< 2.0	3.4	34
Total Phenols		U	1920	mg/l	0.030	< 0.030	< 0.030	< 0.030

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1010	pH Value of Waters	pH at 20°C	pH Meter	RE PW TE TS PL DW GW
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	RE PW PL LE DW GW
1300	Cyanides & Thiocyanate in Waters	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Continuous Flow Analysis.	GW
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	RE PW PL SW DW GW
1675	TPH Aliphatic/Aromatic split in Waters by GC-FID(cf. Texas Method 1006 / TPH CWG)	Aliphatics: >C5–C6, >C6–C8, >C8– C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Pentane extraction / GCxGC FID detection	
1680	Extractable Petroleum Hydrocarbons	Aliphatics: >C5–C6, >C6–C8, >C8– C10*, >C10–C12*, >C12–C16*, >C16–C21*, >C21– C35*, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10*, >C10–C12*, >C12–C16*, >C16– C21*, >C21– C35*, >C35– C44	Pentane extraction / GCxGC FID detection	
1760	Volatile Organic Compounds (VOCs) in Waters by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics. (cf. USEPA Method 8260)	Automated headspace gas chromatographic (GC) analysis of water samples with mass spectrometric (MS) detection of volatile organic compounds.	PL GW
1780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10Aromatics: >C5–C6, >C6–C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection	PL GW SW
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	PL GW

Report Information

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

Text example All items indicated in italic font represent customer-supplied information that may not be independently verified by the laboratory

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

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

For all other tests the samples were dried at $\leq 30^{\circ}\text{C}$ prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

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

Where analysis is performed on a dried and crushed sample, it has been prepared by crushing all of the sample. If material has been removed prior to crushing, or by request of the client, this will be stated on the report.

NEW_ASB Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL

DURHAM Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

As a result of any of the below deviations applying, the test results may be unreliable

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - The required amount of sample for analysis was not received
- H - Appropriate cooling measures were not taken for sample transportation

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

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

Charges may apply to extended sample storage.

Report Information

Water Sample Category Key for Accreditation

DW - Drinking Water (Non-Regulatory)
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

If you require extended retention of samples, please email your requirements to:
cs@etuki.eurofins.com



Final Report

Report No.: 26-09219-1

Initial Date of Issue: 16-Apr-2026

Re-Issue Details:

Client *Endeavour Drilling*

Client Address: *Unit 7
Mapledean Industrial Estate
Maldon Road
Latchingdon
Essex
CM3 6LG*

Contact(s): *Matthew Rust*

Project *J6329 Midgard Ltd - Ferry Island -
Batch 5*

Quotation No.: Q26-40733

Date Received: 25-Mar-2026

Order No.:

Date Instructed: 25-Mar-2026

No. of Samples: 4

Turnaround (Wkdays): 10

Results Due: 09-Apr-2026

Date Approved: 16-Apr-2026

Approved By:

Details: David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 5

Client: Endeavour Drilling		Chemtest Job No.:		26-09219	26-09219	26-09219	26-09219
Quotation No.: Q26-40733		Chemtest Sample ID.:		2100982	2100983	2100984	2100985
		Client Reference:		WS01	WS02	WS03	TP04
		Sample Type:		WATER	WATER	WATER	WATER
		Sample Sub Type:					
		Top Depth (m):		3.00	3.00	3.00	3.00
		Date Sampled:		23-Mar-2026	23-Mar-2026	23-Mar-2026	23-Mar-2026
		Time Sampled:		14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
pH at 20C		U	1010		4.0	7.6	8.0
Sulphate		U	1220	mg/l	1.0	140	160
Cyanide (Total)		U	1300	mg/l	0.050	< 0.050	< 0.050
Arsenic (Dissolved)		U	1455	µg/l	0.20	6.4	16
Boron (Dissolved)		U	1455	µg/l	10.0	120	130
Cadmium (Dissolved)		U	1455	µg/l	0.11	< 0.11	< 0.11
Chromium (Dissolved)		U	1455	µg/l	0.50	< 0.50	< 0.50
Copper (Dissolved)		U	1455	µg/l	0.50	9.0	6.0
Mercury (Dissolved)		U	1455	µg/l	0.05	< 0.05	< 0.05
Nickel (Dissolved)		U	1455	µg/l	0.50	7.7	6.4
Lead (Dissolved)		U	1455	µg/l	0.50	8.2	4.5
Selenium (Dissolved)		U	1455	µg/l	0.50	0.73	1.9
Zinc (Dissolved)		U	1455	µg/l	2.5	50	6.1
Aliphatic TPH >C5-C6	EH 2D AL #1	N	1780	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C6-C8	EH 2D AL #1	N	1780	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C8-C10	EH 2D AL #1	N	1780	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C10-C12	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C12-C16	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C16-C21	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C21-C35	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C35-C44	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	< 0.10
Total Aliphatic Hydrocarbons	EH 2D AL #1	N	1675	µg/l	5.0	< 5.0	< 5.0
Aromatic TPH >C5-C7	EH 2D AR #1	N	1780	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C7-C8	EH 2D AR #1	N	1780	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C8-C10	EH 2D AR #1	N	1780	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C10-C12	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C12-C16	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C16-C21	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C21-C35	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C35-C44	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	< 0.10
Total Aromatic Hydrocarbons	EH 2D AR #1	N	1675	µg/l	5.0	< 5.0	< 5.0
Total Petroleum Hydrocarbons	EH 2D Total #1	N	1675	µg/l	10	< 10	< 10
Dichlorodifluoromethane		N	1760	µg/l	1.0	< 1.0	< 1.0
Chloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0
Vinyl Chloride		N	1760	µg/l	1.0	< 1.0	< 1.0
Bromomethane		U	1760	µg/l	5	< 5	< 5
Chloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0
Trichlorofluoromethane		N	1760	µg/l	1.0	< 1.0	< 1.0
1,1-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,1-Dichloroethane		U	1760	µg/l	1.0	< 1.0	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 5

Client: Endeavour Drilling		Chemtest Job No.:					26-09219	26-09219	26-09219	26-09219
Quotation No.: Q26-40733		Chemtest Sample ID.:					2100982	2100983	2100984	2100985
		Client Reference:					WS01	WS02	WS03	TP04
		Sample Type:					WATER	WATER	WATER	WATER
		Sample Sub Type:								
		Top Depth (m):					3.00	3.00	3.00	3.00
		Date Sampled:					23-Mar-2026	23-Mar-2026	23-Mar-2026	23-Mar-2026
		Time Sampled:					14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD					
cis 1,2-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane		U	1760	µg/l	5	< 5	< 5	< 5	< 5	< 5
Trichloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane		U	1760	µg/l	10	< 10	< 10	< 10	< 10	< 10
Bromodichloromethane		U	1760	µg/l	5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene		N	1760	µg/l	10	< 10	< 10	< 10	< 10	< 10
Toluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	1760	µg/l	10	< 10	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane		U	1760	µg/l	10	< 10	< 10	< 10	< 10	< 10
Tetrachloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane		U	1760	µg/l	10	< 10	< 10	< 10	< 10	< 10
1,2-Dibromoethane		U	1760	µg/l	5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane		N	1760	µg/l	50	< 50	< 50	< 50	< 50	< 50
N-Propylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 5

Client: Endeavour Drilling		Chemtest Job No.:				26-09219	26-09219	26-09219	26-09219
Quotation No.: Q26-40733		Chemtest Sample ID.:				2100982	2100983	2100984	2100985
		Client Reference:				WS01	WS02	WS03	TP04
		Sample Type:				WATER	WATER	WATER	WATER
		Sample Sub Type:							
		Top Depth (m):				3.00	3.00	3.00	3.00
		Date Sampled:				23-Mar-2026	23-Mar-2026	23-Mar-2026	23-Mar-2026
		Time Sampled:				14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD				
1,2-Dichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		N	1760	µg/l	50	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	0.80
Anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	0.23
Fluoranthene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	1.3
Pyrene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	1.1
Benzo[a]anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	0.63
Chrysene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	0.60
Benzo[b]fluoranthene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	0.82
Benzo[k]fluoranthene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	0.39
Benzo[a]pyrene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	0.48
Indeno(1,2,3-c,d)Pyrene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's		U	1800	µg/l	2.0	< 2.0	< 2.0	< 2.0	6.3
Total Phenols		U	1920	mg/l	0.030	< 0.030	< 0.030	< 0.030	< 0.030

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1010	pH Value of Waters	pH at 20°C	pH Meter	RE PW TE TS PL DW GW
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	RE PW PL LE DW GW
1300	Cyanides & Thiocyanate in Waters	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Continuous Flow Analysis.	GW
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	RE PW PL SW DW GW
1675	TPH Aliphatic/Aromatic split in Waters by GC-FID(cf. Texas Method 1006 / TPH CWG)	Aliphatics: >C5–C6, >C6–C8, >C8– C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44 Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Pentane extraction / GCxGC FID detection	
1680	Extractable Petroleum Hydrocarbons	Aliphatics: >C5–C6, >C6–C8, >C8– C10*, >C10–C12*, >C12–C16*, >C16–C21*, >C21– C35*, >C35– C44 Aromatics: >C5–C7, >C7–C8, >C8– C10*, >C10–C12*, >C12–C16*, >C16– C21*, >C21– C35*, >C35– C44	Pentane extraction / GCxGC FID detection	
1760	Volatile Organic Compounds (VOCs) in Waters by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics. (cf. USEPA Method 8260)	Automated headspace gas chromatographic (GC) analysis of water samples with mass spectrometric (MS) detection of volatile organic compounds.	PL GW
1780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C8, >C8–C10 Aromatics: >C5–C6, >C6–C8, >C8–C10	Water extraction / Headspace GCxGC FID detection	
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection	PL GW SW
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	PL GW

Report Information

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

Text example All items indicated in italic font represent customer-supplied information that may not be independently verified by the laboratory

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

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

For all other tests the samples were dried at $\leq 30^{\circ}\text{C}$ prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

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

Where analysis is performed on a dried and crushed sample, it has been prepared by crushing all of the sample. If material has been removed prior to crushing, or by request of the client, this will be stated on the report.

NEW_ASB Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL

DURHAM Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

As a result of any of the below deviations applying, the test results may be unreliable

A - Date of sampling not supplied

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

C - Sample not received in appropriate containers

D - Broken Container

E - The required amount of sample for analysis was not received

H - Appropriate cooling measures were not taken for sample transportation

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

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

Report Information

Charges may apply to extended sample storage.

Water Sample Category Key for Accreditation

DW - Drinking Water (Non-Regulatory)
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

If you require extended retention of samples, please email your requirements to:
cs@etuki.eurofins.com

Amended Report

Report No.:	26-10360-2		
Initial Date of Issue:	08-Apr-2026	Date of Re-Issue:	17-Apr-2026
Re-Issue Details:	This report has been revised and directly supersedes 26-10360-1 in its entirety		
Client	<i>Endeavour Drilling</i>		
Client Address:	<i>Unit 7 Mapledean Industrial Estate Maldon Road Latchingdon Essex CM3 6LG</i>		
Contact(s):	<i>Matthew Rust</i>		
Project	<i>J6329 Midgard Ltd - Ferry Island - Batch 6</i>		
Quotation No.:	Q26-40733	Date Received:	01-Apr-2026
Order No.:		Date Instructed:	01-Apr-2026
No. of Samples:	4		
Turnaround (Wkdays):	10	Results Due:	16-Apr-2026
Date Approved:	17-Apr-2026		
Approved By:			



Details: David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 6

Client: Endeavour Drilling		Chemtest Job No.:				26-10360	26-10360	26-10360	26-10360
Quotation No.: Q26-40733		Chemtest Sample ID.:				2104096	2104097	2104098	2104099
		<i>Client Reference:</i>				WS01	WS02	WS03	TP04
		<i>Sample Type:</i>				WATER	WATER	WATER	WATER
		<i>Sample Sub Type:</i>				Ground Water	Ground Water	Ground Water	Ground Water
		<i>Top Depth (m):</i>				2.75	2.75	2.75	2.75
		<i>Date Sampled:</i>				30-Mar-2026	30-Mar-2026	30-Mar-2026	30-Mar-2026
		<i>Time Sampled:</i>				14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD				
pH at 20C		U	1010		4.0	8.2	8.3	8.6	8.1
Sulphate		U	1220	mg/l	1.0	130	200	140	170
Cyanide (Total)		U	1300	mg/l	0.050	< 0.050	< 0.050	< 0.050	< 0.050
Arsenic (Dissolved)		U	1455	µg/l	0.20	2.7	9.7	16	23
Boron (Dissolved)		U	1455	µg/l	10.0	120	240	200	170
Cadmium (Dissolved)		U	1455	µg/l	0.11	0.15	< 0.11	< 0.11	0.15
Chromium (Dissolved)		U	1455	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Copper (Dissolved)		U	1455	µg/l	0.50	36	< 0.50	0.76	15
Mercury (Dissolved)		U	1455	µg/l	0.05	< 0.05	< 0.05	< 0.05	0.09
Nickel (Dissolved)		U	1455	µg/l	0.50	8.6	5.0	5.8	7.9
Lead (Dissolved)		U	1455	µg/l	0.50	4.3	1.6	< 0.50	9.6
Selenium (Dissolved)		U	1455	µg/l	0.50	< 0.50	0.64	0.75	1.3
Zinc (Dissolved)		U	1455	µg/l	2.5	88	< 2.5	< 2.5	68
Aliphatic TPH >C5-C6	EH 2D AL #1	N	1780	µg/l	0.10	< 0.10	280	< 0.10	< 0.10
Aliphatic TPH >C6-C8	EH 2D AL #1	N	1780	µg/l	0.10	< 0.10	5400	< 0.10	< 0.10
Aliphatic TPH >C8-C10	EH 2D AL #1	N	1780	µg/l	0.10	< 0.10	11000	70	< 0.10
Aliphatic TPH >C10-C12	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	2200	< 0.10	< 0.10
Aliphatic TPH >C12-C16	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	3600	< 0.10	< 0.10
Aliphatic TPH >C16-C21	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	1700	< 0.10	< 0.10
Aliphatic TPH >C21-C35	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	500	< 0.10	< 0.10
Aliphatic TPH >C35-C44	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Aliphatic Hydrocarbons	EH 2D AL #1	N	1675	µg/l	5.0	< 5.0	24000	70	< 5.0
Aromatic TPH >C5-C7	EH 2D AR #1	N	1780	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C7-C8	EH 2D AR #1	N	1780	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C8-C10	EH 2D AR #1	N	1780	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C10-C12	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	890	13	< 0.10
Aromatic TPH >C12-C16	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	1400	< 0.10	< 0.10
Aromatic TPH >C16-C21	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	390	< 0.10	< 0.10
Aromatic TPH >C21-C35	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C35-C44	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Aromatic Hydrocarbons	EH 2D AR #1	N	1675	µg/l	5.0	< 5.0	2600	13	< 5.0
Total Petroleum Hydrocarbons	EH 2D Total #1	N	1675	µg/l	10	< 10	27000	83	< 10
Dichlorodifluoromethane		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane		U	1760	µg/l	5	< 5	< 5	< 5	< 5
Chloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 6

Client: Endeavour Drilling		Chemtest Job No.:				26-10360	26-10360	26-10360	26-10360
Quotation No.: Q26-40733		Chemtest Sample ID.:				2104096	2104097	2104098	2104099
		<i>Client Reference:</i>				WS01	WS02	WS03	TP04
		<i>Sample Type:</i>				WATER	WATER	WATER	WATER
		<i>Sample Sub Type:</i>				Ground Water	Ground Water	Ground Water	Ground Water
		<i>Top Depth (m):</i>				2.75	2.75	2.75	2.75
		<i>Date Sampled:</i>				30-Mar-2026	30-Mar-2026	30-Mar-2026	30-Mar-2026
		<i>Time Sampled:</i>				14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD				
cis 1,2-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane		U	1760	µg/l	5	< 5	< 5	< 5	< 5
Trichloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane		U	1760	µg/l	10	< 10	< 10	< 10	< 10
Bromodichloromethane		U	1760	µg/l	5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene		N	1760	µg/l	10	< 10	< 10	< 10	< 10
Toluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	1760	µg/l	10	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane		U	1760	µg/l	10	< 10	< 10	< 10	< 10
Tetrachloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane		U	1760	µg/l	10	< 10	< 10	< 10	< 10
1,2-Dibromoethane		U	1760	µg/l	5	< 5	< 5	< 5	< 5
Chlorobenzene		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane		N	1760	µg/l	50	< 50	< 50	< 50	< 50
N-Propylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	20	< 1.0
4-Chlorotoluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 6

Client: Endeavour Drilling		Chemtest Job No.:				26-10360	26-10360	26-10360	26-10360
Quotation No.: Q26-40733		Chemtest Sample ID.:				2104096	2104097	2104098	2104099
		<i>Client Reference:</i>				WS01	WS02	WS03	TP04
		<i>Sample Type:</i>				WATER	WATER	WATER	WATER
		<i>Sample Sub Type:</i>				Ground Water	Ground Water	Ground Water	Ground Water
		<i>Top Depth (m):</i>				2.75	2.75	2.75	2.75
		<i>Date Sampled:</i>				30-Mar-2026	30-Mar-2026	30-Mar-2026	30-Mar-2026
		<i>Time Sampled:</i>				14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD				
1,2-Dichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		N	1760	µg/l	50	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		U	1800	µg/l	0.10	< 0.10	< 0.10	16	< 0.10
Acenaphthylene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		U	1800	µg/l	0.10	< 0.10	< 0.10	7.8	0.94
Fluorene		U	1800	µg/l	0.10	< 0.10	< 0.10	4.4	0.43
Phenanthrene		U	1800	µg/l	0.10	< 0.10	1.5	6.5	2.0
Anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10	0.81	0.45
Fluoranthene		U	1800	µg/l	0.10	< 0.10	0.60	2.0	0.87
Pyrene		U	1800	µg/l	0.10	< 0.10	0.74	1.3	0.57
Benzo[a]anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's		U	1800	µg/l	2.0	< 2.0	2.8	39	5.2
Total Phenols		U	1920	mg/l	0.030	< 0.030	< 0.030	< 0.030	< 0.030

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1010	pH Value of Waters	pH at 20°C	pH Meter	RE PW TE TS PL DW GW
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	RE PW PL LE DW GW
1300	Cyanides & Thiocyanate in Waters	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Continuous Flow Analysis.	GW
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	RE PW PL SW DW GW
1675	TPH Aliphatic/Aromatic split in Waters by GC-FID(cf. Texas Method 1006 / TPH CWG)	Aliphatics: >C5–C6, >C6–C8, >C8– C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44 Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Pentane extraction / GCxGC FID detection	
1680	Extractable Petroleum Hydrocarbons	Aliphatics: >C5–C6, >C6–C8, >C8– C10*, >C10–C12*, >C12–C16*, >C16–C21*, >C21– C35*, >C35– C44 Aromatics: >C5–C7, >C7–C8, >C8– C10*, >C10–C12*, >C12–C16*, >C16– C21*, >C21– C35*, >C35– C44	Pentane extraction / GCxGC FID detection	
1760	Volatile Organic Compounds (VOCs) in Waters by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics. (cf. USEPA Method 8260)	Automated headspace gas chromatographic (GC) analysis of water samples with mass spectrometric (MS) detection of volatile organic compounds.	PL GW
1780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C8, >C8–C10 Aromatics: >C5–C6, >C6–C8, >C8–C10	Water extraction / Headspace GCxGC FID detection	
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection	PL GW SW
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	PL GW

Report Information

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

Text example All items indicated in italic font represent customer-supplied information that may not be independently verified by the laboratory

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

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

For all other tests the samples were dried at $\leq 30^{\circ}\text{C}$ prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

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

Where analysis is performed on a dried and crushed sample, it has been prepared by crushing all of the sample. If material has been removed prior to crushing, or by request of the client, this will be stated on the report.

NEW_ASB Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL

DURHAM Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

As a result of any of the below deviations applying, the test results may be unreliable

A - Date of sampling not supplied

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

C - Sample not received in appropriate containers

D - Broken Container

E - The required amount of sample for analysis was not received

H - Appropriate cooling measures were not taken for sample transportation

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

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

Report Information

Charges may apply to extended sample storage.

Water Sample Category Key for Accreditation

DW - Drinking Water (Non-Regulatory)
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

If you require extended retention of samples, please email your requirements to:
cs@etuki.eurofins.com

Final Report

Report No.: 26-11313-1

Initial Date of Issue: 28-Apr-2026

Re-Issue Details:

Client *Endeavour Drilling*

Client Address: *Unit 7
Mapledean Industrial Estate
Maldon Road
Latchingdon
Essex
CM3 6LG*

Contact(s): *Matthew Somerville*

Project *J6329 Midgard Ltd - Ferry Island -
Batch 7*

Quotation No.: Q26-40733

Date Received: 10-Apr-2026

Order No.:

Date Instructed: 10-Apr-2026

No. of Samples: 4

Turnaround (Wkdays): 6

Results Due: 17-Apr-2026

Date Approved: 28-Apr-2026

Subcon Results Due: 23-Apr-2026

Approved By:



Details: David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 7

Client: Endeavour Drilling		Chemtest Job No.:				26-11313	26-11313	26-11313	26-11313
Quotation No.: Q26-40733		Chemtest Sample ID.:				2107258	2107259	2107260	2107261
		<i>Client Reference:</i>				WS01	WS02	WS03	TP04
		<i>Sample Type:</i>				WATER	WATER	WATER	WATER
		<i>Sample Sub Type:</i>				Ground Water	Ground Water	Ground Water	Ground Water
		<i>Top Depth (m):</i>				2.75	2.75	2.75	2.75
		<i>Date Sampled:</i>				08-Apr-2026	08-Apr-2026	08-Apr-2026	08-Apr-2026
		<i>Time Sampled:</i>				14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD				
pH at 20C		U	1010		4.0	7.5	7.6	8.5	8.0
Sulphate		U	1220	mg/l	1.0	140	160	130	160
Cyanide (Total)		U	1300	mg/l	0.050	< 0.050	< 0.050	< 0.050	< 0.050
Arsenic (Dissolved)		U	1455	µg/l	0.20	3.8	13	15	14
Boron (Dissolved)		U	1455	µg/l	10.0	150	210	200	150
Cadmium (Dissolved)		U	1455	µg/l	0.11	0.18	< 0.11	< 0.11	< 0.11
Chromium (Dissolved)		U	1455	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Copper (Dissolved)		U	1455	µg/l	0.50	27	< 0.50	1.6	6.2
Mercury (Dissolved)		U	1455	µg/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nickel (Dissolved)		U	1455	µg/l	0.50	7.2	4.3	5.7	6.0
Lead (Dissolved)		U	1455	µg/l	0.50	8.0	8.2	1.9	6.4
Selenium (Dissolved)		U	1455	µg/l	0.50	0.64	< 0.50	< 0.50	0.73
Zinc (Dissolved)		U	1455	µg/l	2.5	51	2.6	< 2.5	7.0
Aliphatic TPH >C5-C6	EH 2D AL #1	N	1780	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C6-C8	EH 2D AL #1	N	1780	µg/l	0.10	< 0.10	1600	< 0.10	< 0.10
Aliphatic TPH >C8-C10	EH 2D AL #1	N	1780	µg/l	0.10	< 0.10	4900	< 0.10	< 0.10
Aliphatic TPH >C10-C12	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	200	< 0.10	< 0.10
Aliphatic TPH >C12-C16	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	300	< 0.10	< 0.10
Aliphatic TPH >C16-C21	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	61	< 0.10	< 0.10
Aliphatic TPH >C21-C35	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C35-C44	EH 2D AL #1	N	1680	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Aliphatic Hydrocarbons	EH 2D AL #1	N	1675	µg/l	5.0	< 5.0	7000	< 5.0	< 5.0
Aromatic TPH >C5-C7	EH 2D AR #1	N	1780	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C7-C8	EH 2D AR #1	N	1780	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C8-C10	EH 2D AR #1	N	1780	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C10-C12	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	22	< 0.10	< 0.10
Aromatic TPH >C12-C16	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C16-C21	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C21-C35	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C35-C44	EH 2D AR #1	N	1680	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Aromatic Hydrocarbons	EH 2D AR #1	N	1675	µg/l	5.0	< 5.0	22	< 5.0	< 5.0
Total Petroleum Hydrocarbons	EH 2D Total #1	N	1675	µg/l	10	< 10	7000	< 10	< 10
Dichlorodifluoromethane		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane		U	1760	µg/l	5	< 5	< 5	< 5	< 5
Chloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 7

Client: Endeavour Drilling		Chemtest Job No.:				26-11313	26-11313	26-11313	26-11313
Quotation No.: Q26-40733		Chemtest Sample ID.:				2107258	2107259	2107260	2107261
		<i>Client Reference:</i>				WS01	WS02	WS03	TP04
		<i>Sample Type:</i>				WATER	WATER	WATER	WATER
		<i>Sample Sub Type:</i>				Ground Water	Ground Water	Ground Water	Ground Water
		<i>Top Depth (m):</i>				2.75	2.75	2.75	2.75
		<i>Date Sampled:</i>				08-Apr-2026	08-Apr-2026	08-Apr-2026	08-Apr-2026
		<i>Time Sampled:</i>				14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD				
cis 1,2-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane		U	1760	µg/l	5	< 5	< 5	< 5	< 5
Trichloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane		U	1760	µg/l	10	< 10	< 10	< 10	< 10
Bromodichloromethane		U	1760	µg/l	5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene		N	1760	µg/l	10	< 10	< 10	< 10	< 10
Toluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	1760	µg/l	10	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane		U	1760	µg/l	10	< 10	< 10	< 10	< 10
Tetrachloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane		U	1760	µg/l	10	< 10	< 10	< 10	< 10
1,2-Dibromoethane		U	1760	µg/l	5	< 5	< 5	< 5	< 5
Chlorobenzene		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane		N	1760	µg/l	50	< 50	< 50	< 50	< 50
N-Propylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 7

Client: Endeavour Drilling		Chemtest Job No.:				26-11313	26-11313	26-11313	26-11313
Quotation No.: Q26-40733		Chemtest Sample ID.:				2107258	2107259	2107260	2107261
		Client Reference:				WS01	WS02	WS03	TP04
		Sample Type:				WATER	WATER	WATER	WATER
		Sample Sub Type:				Ground Water	Ground Water	Ground Water	Ground Water
		Top Depth (m):				2.75	2.75	2.75	2.75
		Date Sampled:				08-Apr-2026	08-Apr-2026	08-Apr-2026	08-Apr-2026
		Time Sampled:				14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD				
1,2-Dichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		N	1760	µg/l	50	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene		U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	1760	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether		N	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene		U	1800	µg/l	0.10	0.42	< 0.10	< 0.10	0.21
Anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene		U	1800	µg/l	0.10	0.69	< 0.10	< 0.10	0.57
Pyrene		U	1800	µg/l	0.10	0.69	< 0.10	< 0.10	0.82
Benzo[a]anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		U	1800	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's		U	1800	µg/l	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Total Phenols		U	1920	mg/l	0.030	< 0.030	< 0.030	< 0.030	< 0.030

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1010	pH Value of Waters	pH at 20°C	pH Meter	RE PW TE TS PL DW GW
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	RE PW PL LE DW GW
1300	Cyanides & Thiocyanate in Waters	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Continuous Flow Analysis.	GW
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	RE PW PL SW DW GW
1675	TPH Aliphatic/Aromatic split in Waters by GC-FID(cf. Texas Method 1006 / TPH CWG)	Aliphatics: >C5–C6, >C6–C8, >C8– C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Pentane extraction / GCxGC FID detection	
1680	Extractable Petroleum Hydrocarbons	Aliphatics: >C5–C6, >C6–C8, >C8– C10*, >C10–C12*, >C12–C16*, >C16–C21*, >C21– C35*, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10*, >C10–C12*, >C12–C16*, >C16– C21*, >C21– C35*, >C35– C44	Pentane extraction / GCxGC FID detection	
1760	Volatile Organic Compounds (VOCs) in Waters by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics. (cf. USEPA Method 8260)	Automated headspace gas chromatographic (GC) analysis of water samples with mass spectrometric (MS) detection of volatile organic compounds.	PL GW
1780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10Aromatics: >C5–C6, >C6–C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection	PL GW SW
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	PL GW

Report Information

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

Text example All items indicated in italic font represent customer-supplied information that may not be independently verified by the laboratory

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

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

For all other tests the samples were dried at $\leq 30^{\circ}\text{C}$ prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

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

Where analysis is performed on a dried and crushed sample, it has been prepared by crushing all of the sample. If material has been removed prior to crushing, or by request of the client, this will be stated on the report.

NEW_ASB Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL

DURHAM Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

As a result of any of the below deviations applying, the test results may be unreliable

A - Date of sampling not supplied

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

C - Sample not received in appropriate containers

D - Broken Container

E - The required amount of sample for analysis was not received

H - Appropriate cooling measures were not taken for sample transportation

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

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

Report Information

Charges may apply to extended sample storage.

Water Sample Category Key for Accreditation

DW - Drinking Water (Non-Regulatory)
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

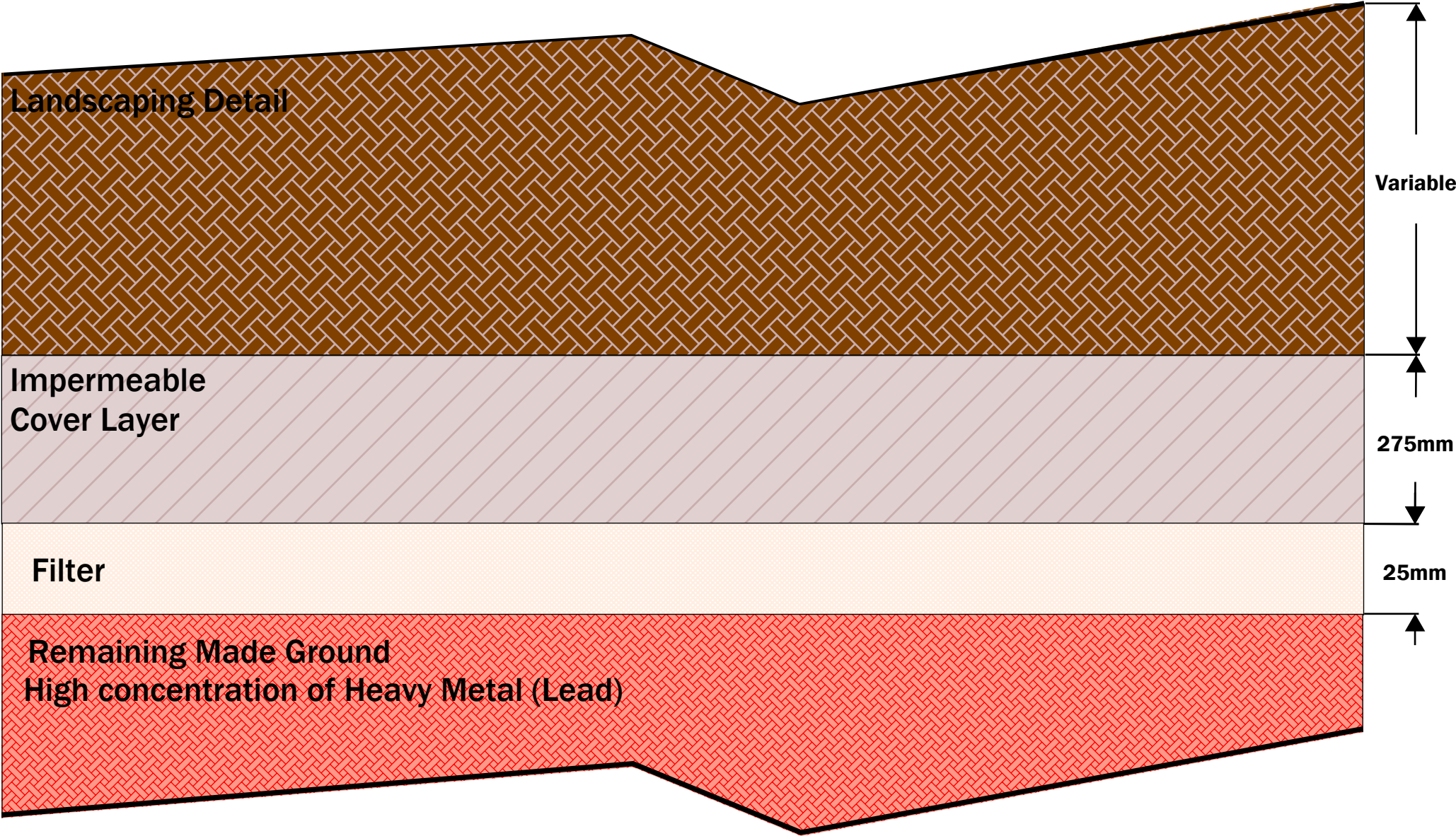
Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

If you require extended retention of samples, please email your requirements to:
cs@etuki.eurofins.com

Appendix B – Potential Cover System

Indicative Remedial Build up -
Soft Landscaping



SPECIFIC NOTES ON LAYERS:

- 1. Landscaping layers: These are typically imported, as arisings from topsoil/subsoil stripping are anticipated to be unsuitable for reuse. Landscaping thicknesses are indicative only and to be confirmed with the Landscape Architect.
- 2. Filter (separation) layer: A filter/separation layer is required between the drainage layer and the impermeable layer to mitigate the risk of cross-contamination and internal erosion between layers. The filter layer should be formed of a suitable graded gravel (or equivalent filter material).
- 3. Impermeable layer: The impermeable layer is assumed to comprise either:
 - a 275 mm low-permeability soil layer, or
 - a synthetic low-permeability barrier.Alternative materials (e.g., bentonite layer or Tektoseal® Clay) may be used to reduce the assumed thickness, subject to confirmation by detailed infiltration calculations and design development.
- 4. Indicative thicknesses: The thickness of each layer is indicative only and subject to detailed design development and construction sequencing.

Ferry Island Plot F
Proposed Contamination
Containment Strategy -
Landscape Area

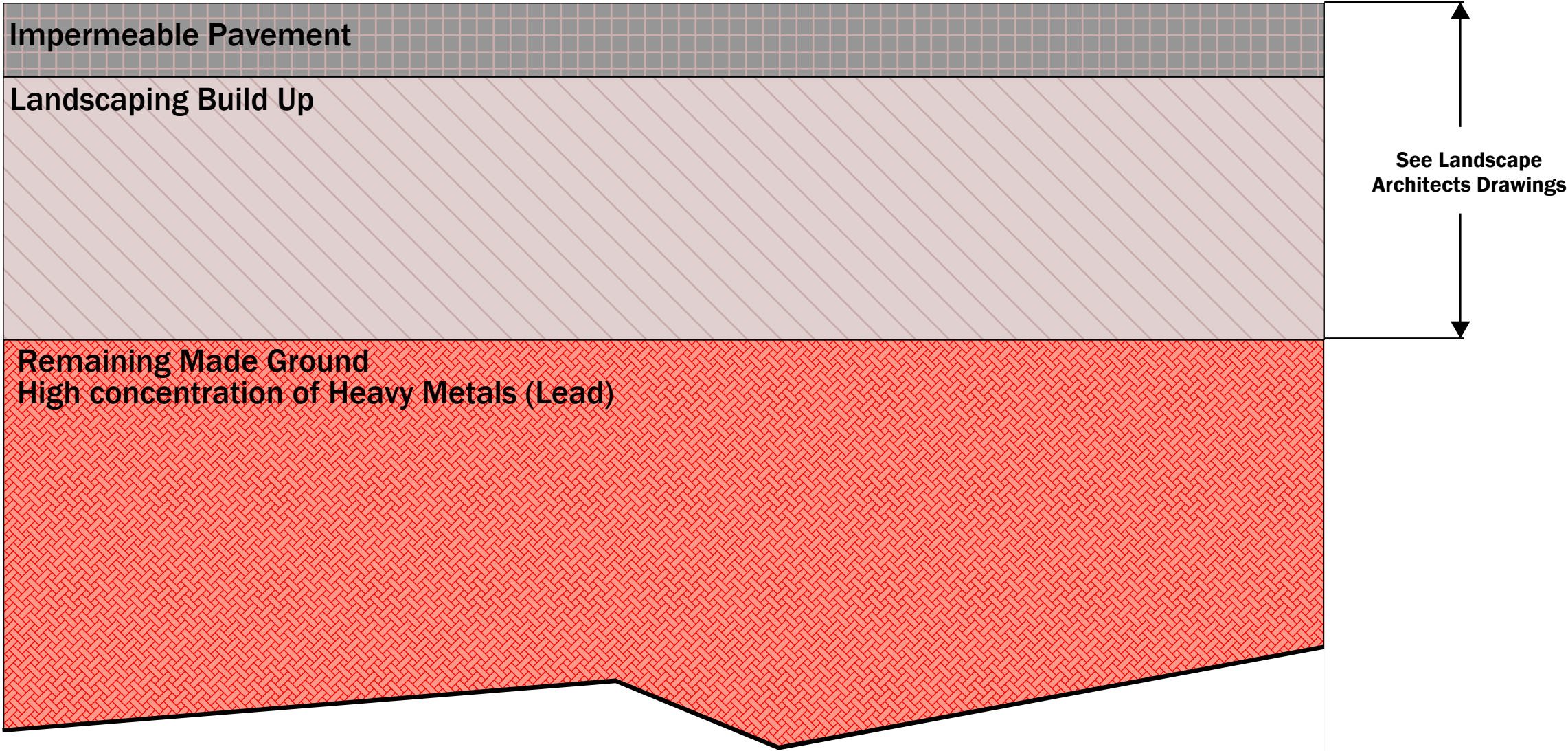
General Notes:
- Issued for coordination and comment only
- Do not scale from this drawing
- Drawings shall be read in conjunction with Landscape Architects design
(ref: TH-IS-00-001-L-3248-90-101 and TH-IS-00-001-L-3248-90-206).

whitby wood

Project Title:	Ferry Island Plot F				
Project No:	P451152				
Sketch No:	SK-G-001 - Sheet 1 of 2				
Title:	Proposed Contamination Containment Strategy - Site Wide				
Scale:	Rev:	Date:	Eng:	Checked:	
NTS	P1	24/03/26	TT	SM	

PRELIMINARY

Indicative Remedial Build up -
Hard Landscaping



SPECIFIC NOTES ON LAYERS:

- 1. Landscaping layers are typically imported as it is anticipated that any arisings from topsoil/subsoil stripping on site will be unacceptable for reuse. Landscaping thickness are indicative only and to be confirmed with landscape architect.
- 2. Filter (Separation) layer is required to separate the drainage layer and impermeable layer to mitigate the risk of cross-contamination and internal erosion between layers. It is recommended that the filter layer be constructed using gravel.
- 3. Impermeable layer is assumed as 300mm low permeability soil layer or synthetic material with low permeability. Alternative material such as Bentonite Layer or Tektoseal® Clay could be used to reduce the assumed 300mm thickness, subject to detailed infiltration calculation.
- 4. Thickness of each structure layer is indicative only and subject to further design development and construction sequencing

Ferry Island Plot F
Proposed Contamination
Containment Strategy - Pavement
Area

General Notes:
- Issued for coordination and comment only
- Do not scale from this drawing
- Drawings shall be read in conjunction with Landscape Architects design (ref: TH-IS-00-001-L-3248-90-101 and TH-IS-00-001-L-3248-90-206).

whitby wood

Project Title:		Ferry Island Plot F			
Project No:		P451152			
Sketch No:		SK-G-001 - Sheet 2 of 2			
Title:		Proposed Contamination Containment Strategy - Site Wide			
Scale:	Rev:	Date:	Eng:	Checked:	
NTS	P1	24/03/26	TT	SM	

PRELIMINARY

Appendix C – Screening Results

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria	26-03759	26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:					2082645	2082646	2082647	2082648	2082649	2082650
Order No.:		Client Sample Ref.:					ES3	ES4	ES5	ES6	ES1	ES2
		Client Reference:					WS03	WS03	WS03	WS03	WS02	WS02
		Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):					1.50	2.00	2.50	3.00	0.50	1.00
		Bottom Depth (m):										
		Date Sampled:					05-Feb-2026	05-Feb-2026	05-Feb-2026	05-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:					15:00	15:30	16:00	16:00	12:00	12:30
		Asbestos Lab:					NEW-ASB		NEW-ASB		NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD	Public Open Space - Residential						
ACM Type		N	2192		N/A		-		-		-	-
Asbestos Identification		U	2192		N/A		No Asbestos Detected		No Asbestos Detected		No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020		15	15	15	18	12	14
Soil Colour		N	2030		N/A		Brown		Brown		Brown	Brown
Other Material		N	2030		N/A		Stones		Stones and brick		Stones and concrete	Stones and brick, tile
Soil Texture		N	2030		N/A		Clay		Clay		Clay	Clay
pH at 20C		U	2010		4.0		8.5		8.7		8.8	8.3
Boron (Hot Water Soluble)		U	2120	mg/kg	0.40	21000	1.4		1.5		1.0	1.4
Sulphate (2:1 Water Soluble) as SO4		U	2120	g/l	0.010		0.34		0.25		0.31	0.17
Cyanide (Total)		U	2300	mg/kg	0.50	n/a	0		0		0	0
Arsenic		U	2455	mg/kg	0.5	79	12		10		15	15
Cadmium		U	2455	mg/kg	0.10	120	0.36		0.32		0.35	0.48
Chromium		U	2455	mg/kg	0.5	n/a	16		16		25	21
Copper		U	2455	mg/kg	0.50	12000	46		34		46	59
Mercury		U	2455	mg/kg	0.05	16	0.67		0.65		0.39	0.53
Nickel		U	2455	mg/kg	0.50	230	19		17		25	24
Lead		U	2455	mg/kg	0.50	630	190		140		170	300
Selenium		U	2455	mg/kg	0.25	1100	0.35		0.36		0.50	0.51
Zinc		U	2455	mg/kg	0.50	81000	180		160		150	260
Aliphatic VPH >C5-C6	HS 2D_AL	U	2780	mg/kg	0.05	570000	0		0		0	0
Aliphatic VPH >C6-C7	HS 2D_AL	U	2780	mg/kg	0.05	n/a	0		0		0	0
Aliphatic VPH >C7-C8	HS 2D_AL	U	2780	mg/kg	0.05	n/a	0		0		0	0
Aliphatic VPH >C6-C8 (Sum)	HS 2D_AL	N	2780	mg/kg	0.10	600000	0		0		0	0
Aliphatic VPH >C8-C10	HS 2D_AL	U	2780	mg/kg	0.05	13000	0		0		0	0
Total Aliphatic VPH >C5-C10	HS 2D_AL	U	2780	mg/kg	0.25	n/a	0		0		0	0
Aromatic VPH >C5-C7	HS 2D_AR	U	2780	mg/kg	0.05	56000	0		0		0	0
Aromatic VPH >C7-C8	HS 2D_AR	U	2780	mg/kg	0.05	56000	0		0		0	0
Aromatic VPH >C8-C10	HS 2D_AR	U	2780	mg/kg	0.05	5000	0		0		0	0
Total Aromatic VPH >C5-C10	HS 2D_AR	U	2780	mg/kg	0.25	n/a	0		0		0	0
Total VPH >C5-C10	HS 2D_Total	U	2780	mg/kg	0.50	n/a	0		0		0	0
Aliphatic EPH >C10-C12	EH 2D_AL #1	U	5002	mg/kg	2.00	13000	0		0		0	0
Aliphatic EPH >C12-C16	EH 2D_AL #1	U	5002	mg/kg	2.00	13000	0		7.1		0	3.4
Aliphatic EPH >C16-C21	EH 2D_AL #1	U	5002	mg/kg	2.00	250000	0		9.3		4.2	17

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria	26-03759	26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:					2082645	2082646	2082647	2082648	2082649	2082650
Order No.:		Client Sample Ref.:					ES3	ES4	ES5	ES6	ES1	ES2
		Client Reference:					WS03	WS03	WS03	WS03	WS02	WS02
		Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):					1.50	2.00	2.50	3.00	0.50	1.00
		Bottom Depth (m):										
		Date Sampled:					05-Feb-2026	05-Feb-2026	05-Feb-2026	05-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:					15:00	15:30	16:00	16:00	12:00	12:30
		Asbestos Lab:					NEW-ASB		NEW-ASB		NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD	Public Open Space - Residential						
Aliphatic EPH >C21-C35	EH_2D_AL_#1	U	5002	mg/kg	3.00	250000	0		3.2		5.5	33
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	250000	0		0		0	28
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	U	5002	mg/kg	7.00	n/a	0		21		9.9	53
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	n/a	0		23		12	81
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00	5000	0		0		0	0
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00	5100	0		3.1		0	0
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00	3800	0		11		13	16
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00	3800	4.2		44		41	140
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00	3800	0		3.2		9.9	3.5
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00	n/a	5.1		58		55	160
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00	n/a	0		62		64	160
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00	n/a	0		79		64	210
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00	n/a	11		84		77	240
Organic Matter		U	2625	%	0.40	n/a	3.0		2.2		1.9	2.6
Dichlorodifluoromethane		N	2760	µg/kg	1.0	29	0		0		0	0
Chloromethane		U	2760	µg/kg	1.0	2500	0		0		0	0
Vinyl Chloride		U	2760	µg/kg	1.0	3.5	0		0		0	0
Bromomethane		U	2760	µg/kg	20	ND	0		0		0	0
Chloroethane		U	2760	µg/kg	2.0	ND	0		0		0	0
Trichlorofluoromethane		N	2760	µg/kg	1.0	140000	0		0		0	0
1,1-Dichloroethene		U	2760	µg/kg	1.0	ND	0		0		0	0
Trans 1,2-Dichloroethene		U	2760	µg/kg	1.0	n/a	0		0		0	0
1,1-Dichloroethane		U	2760	µg/kg	1.0	n/a	0		0		0	0
cis 1,2-Dichloroethene		U	2760	µg/kg	1.0	n/a	0		0		0	0
Bromochloromethane		U	2760	µg/kg	5.0	n/a	0		0		0	0
Trichloromethane		U	2760	µg/kg	1.0	2500	0		0		0	0
1,1,1-Trichloroethane		U	2760	µg/kg	1.0	n/a	0		0		0	0
Tetrachloromethane		U	2760	µg/kg	1.0	2500	0		0		0	0
1,1-Dichloropropene		U	2760	µg/kg	1.0	n/a	0		0		0	0
Benzene		U	2760	µg/kg	1.0	n/a	0		0		0	0
1,2-Dichloroethane		U	2760	µg/kg	2.0	29	0		0		0	0
Trichloroethene		N	2760	µg/kg	1.0	120	0		0		0	0
1,2-Dichloropropane		U	2760	µg/kg	1.0	ND	0		0		0	0
Dibromomethane		U	2760	µg/kg	1.0	n/a	0		0		0	0
Bromodichloromethane		U	2760	µg/kg	5.0	ND	0		0		0	0

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria	26-03759	26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:					2082645	2082646	2082647	2082648	2082649	2082650
Order No.:		Client Sample Ref.:					ES3	ES4	ES5	ES6	ES1	ES2
		Client Reference:					WS03	WS03	WS03	WS03	WS02	WS02
		Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):					1.50	2.00	2.50	3.00	0.50	1.00
		Bottom Depth (m):										
		Date Sampled:					05-Feb-2026	05-Feb-2026	05-Feb-2026	05-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:					15:00	15:30	16:00	16:00	12:00	12:30
		Asbestos Lab:					NEW-ASB		NEW-ASB		NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD	Public Open Space - Residential						
cis-1,3-Dichloropropene		N	2760	µg/kg	10	n/a	0		0		0	0
Toluene		U	2760	µg/kg	1.0	n/a	0		0		0	0
Trans-1,3-Dichloropropene		N	2760	µg/kg	10	n/a	0		0		0	0
1,1,2-Trichloroethane		U	2760	µg/kg	10	ND	0		0		0	0
Tetrachloroethene		U	2760	µg/kg	1.0	1400	0		0		0	0
1,3-Dichloropropane		U	2760	µg/kg	2.0	ND	0		0		0	0
Dibromochloromethane		U	2760	µg/kg	10	n/a	0		0		0	0
1,2-Dibromoethane		U	2760	µg/kg	5.0	n/a	0		0		0	0
Chlorobenzene		U	2760	µg/kg	1.0	11000	0		0		0	0
1,1,1,2-Tetrachloroethane		U	2760	µg/kg	2.0	1400	0		0		0	0
Ethylbenzene		U	2760	µg/kg	1.0	n/a	0		0		0	0
m & p-Xylene		U	2760	µg/kg	1.0	n/a	0		0		0	0
o-Xylene		U	2760	µg/kg	1.0	n/a	0		0		0	0
Styrene		U	2760	µg/kg	1.0	ND	0		0		0	0
Tribromomethane		U	2760	µg/kg	1.0	ND	0		0		0	0
Isopropylbenzene		U	2760	µg/kg	1.0	ND	0		0		0	0
Bromobenzene		U	2760	µg/kg	1.0	ND	0		0		0	0
1,2,3-Trichloropropane		N	2760	µg/kg	50	n/a	0		0		0	0
N-Propylbenzene		U	2760	µg/kg	1.0	ND	0		0		0	0
2-Chlorotoluene		U	2760	µg/kg	1.0	n/a	0		0		0	0
1,3,5-Trimethylbenzene		U	2760	µg/kg	1.0	n/a	0		0		0	0
4-Chlorotoluene		U	2760	µg/kg	1.0	n/a	0		0		0	0
Tert-Butylbenzene		U	2760	µg/kg	1.0	n/a	0		0		0	0
1,2,4-Trimethylbenzene		U	2760	µg/kg	1.0	n/a	0		0		0	0
Sec-Butylbenzene		U	2760	µg/kg	1.0	n/a	0		0		0	0
1,3-Dichlorobenzene		U	2760	µg/kg	1.0	n/a	0		0		0	0
4-Isopropyltoluene		U	2760	µg/kg	1.0	n/a	0		0		0	0
1,4-Dichlorobenzene		U	2760	µg/kg	1.0	n/a	0		0		0	0
N-Butylbenzene		U	2760	µg/kg	1.0	n/a	0		0		0	0
1,2-Dichlorobenzene		U	2760	µg/kg	1.0	n/a	0		0		0	0
1,2-Dibromo-3-Chloropropane		N	2760	µg/kg	50	n/a	0		0		0	0
1,2,4-Trichlorobenzene		U	2760	µg/kg	1.0	n/a	0		0		0	0
Hexachlorobutadiene		N	2760	µg/kg	1.0	n/a	0		0		0	0
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0	n/a	0		0		0	0
Methyl Tert-Butyl Ether		U	2760	µg/kg	1.0	n/a	0		0		0	0

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria	26-03759	26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:					2082645	2082646	2082647	2082648	2082649	2082650
Order No.:		Client Sample Ref.:					ES3	ES4	ES5	ES6	ES1	ES2
		Client Reference:					WS03	WS03	WS03	WS03	WS02	WS02
		Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):					1.50	2.00	2.50	3.00	0.50	1.00
		Bottom Depth (m):										
		Date Sampled:					05-Feb-2026	05-Feb-2026	05-Feb-2026	05-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:					15:00	15:30	16:00	16:00	12:00	12:30
		Asbestos Lab:					NEW-ASB		NEW-ASB		NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD	Public Open Space - Residential						
Naphthalene		U	5003	mg/kg	0.05	11000	0		0		0	0
Acenaphthylene		U	5003	mg/kg	0.05	15000	0		0		0	0
Acenaphthene		U	5003	mg/kg	0.05	15000	0		0		0	0
Fluorene		U	5003	mg/kg	0.05	9900	0		0		0	0
Phenanthrene		U	5003	mg/kg	0.05	3100	0		0		0.20	0.09
Anthracene		U	5003	mg/kg	0.05	74000	0		0		0.07	0
Fluoranthene		U	5003	mg/kg	0.05	3100	0		0		0.44	0.28
Pyrene		U	5003	mg/kg	0.05	7400	0		0		0.37	0.25
Benzo[a]anthracene		U	5003	mg/kg	0.05	29	0		0		0.19	0.15
Chrysene		U	5003	mg/kg	0.05	57	0		0		0.19	0.16
Benzo[b]fluoranthene		U	5003	mg/kg	0.05	7.2	0		0		0.26	0.26
Benzo(k)Fluoranthene		U	5003	mg/kg	0.05	190	0		0		0.10	0.10
Benzo[a]pyrene		U	5003	mg/kg	0.05	640	0		0		0.20	0.20
Indeno(1,2,3-c,d)Pyrene		U	5003	mg/kg	0.05	82	0		0		0.13	0.14
Dibenz(a,h)Anthracene		U	5003	mg/kg	0.05	0.57	0		0		0	0
Benzo[g,h,i]perylene		U	5003	mg/kg	0.05	2.20	< 0.05		< 0.05		0.12	0.14
Total Of 16 PAH's		U	5003	mg/kg	0.05	n/a	< 0.05		< 0.05		2.3	1.8
Total Phenols		U	2920	mg/kg	0.10	n/a	< 0.10		< 0.10		< 0.10	< 0.10

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:				26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:				2082651	2082652	2082653	2082654	2082655
Order No.:		Client Sample Ref.:				ES3	ES4	ES5	ES6	ES7
		Client Reference:				WS02	WS02	WS02	WS02	WS02
		Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):				1.50	2.00	2.50	3.00	3.5
		Bottom Depth (m):								4.0
		Date Sampled:				06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:				13:00	13:30	14:00	14:30	15:00
		Asbestos Lab:				NEW-ASB		NEW-ASB	NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD					
ACM Type		N	2192		N/A	-		-	-	
Asbestos Identification		U	2192		N/A	No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	
Moisture		N	2030	%	0.020	15	14	19	19	7.4
Soil Colour		N	2030		N/A	Brown		Brown	Brown	
Other Material		N	2030		N/A	Stones		Stones	Stones and chemical odour	
Soil Texture		N	2030		N/A	Clay		Clay	Clay	
pH at 20C		U	2010		4.0	9.1		8.7	8.6	
Boron (Hot Water Soluble)		U	2120	mg/kg	0.40	2.2		2.0	1.7	
Sulphate (2:1 Water Soluble) as SO4		U	2120	g/l	0.010	0.42		0.21	0.098	
Cyanide (Total)		U	2300	mg/kg	0.50	0		0	0	
Arsenic		U	2455	mg/kg	0.5	15		15	13	
Cadmium		U	2455	mg/kg	0.10	0.34		0.32	0.29	
Chromium		U	2455	mg/kg	0.5	24		24	25	
Copper		U	2455	mg/kg	0.50	65		89	53	
Mercury		U	2455	mg/kg	0.05	0.64		0.95	0.46	
Nickel		U	2455	mg/kg	0.50	25		23	24	
Lead		U	2455	mg/kg	0.50	330		330	290	
Selenium		U	2455	mg/kg	0.25	0.64		0.56	0.47	
Zinc		U	2455	mg/kg	0.50	210		180	120	
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	0		0	0.95	
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	0		0	2.1	
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	0		0	2.2	
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10	0		0	4.3	
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	0		0.25	3.4	
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	0		0.25	8.6	
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	0		0	0	
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	0		0	0	
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	0		0	0.19	
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	0		0	0	
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	0		0	8.8	
Aliphatic EPH >C10-C12	EH_2D_AL_#1	U	5002	mg/kg	2.00	0		3.0	19	
Aliphatic EPH >C12-C16	EH_2D_AL_#1	U	5002	mg/kg	2.00	0		6.5	46	
Aliphatic EPH >C16-C21	EH_2D_AL_#1	U	5002	mg/kg	2.00	0		5.2	14	

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:		26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:		2082651	2082652	2082653	2082654	2082655
Order No.:		Client Sample Ref.:		ES3	ES4	ES5	ES6	ES7
		Client Reference:		WS02	WS02	WS02	WS02	WS02
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		1.50	2.00	2.50	3.00	3.5
		Bottom Depth (m):						4.0
		Date Sampled:		06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:		13:00	13:30	14:00	14:30	15:00
		Asbestos Lab:		NEW-ASB		NEW-ASB	NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD			
Aliphatic EPH >C21-C35	EH_2D_AL_#1	U	5002	mg/kg	3.00	0	11	6.0
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	0	0	0
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	U	5002	mg/kg	7.00	0	26	84
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	0	30	86
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00	0	0	2.2
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00	0	0	6.4
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00	7.2	4.2	0
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00	2.3	16	0
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00	0	2.2	0
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00	10	22	9.8
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00	11	24	10
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00	12	48	94
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00	15	54	97
Organic Matter		U	2625	%	0.40	2.2	2.8	2.3
Dichlorodifluoromethane		N	2760	µg/kg	1.0	0	0	0
Chloromethane		U	2760	µg/kg	1.0	0	0	0
Vinyl Chloride		U	2760	µg/kg	1.0	0	0	0
Bromomethane		U	2760	µg/kg	20	0	0	0
Chloroethane		U	2760	µg/kg	2.0	0	0	0
Trichlorofluoromethane		N	2760	µg/kg	1.0	0	0	0
1,1-Dichloroethene		U	2760	µg/kg	1.0	0	0	0
Trans 1,2-Dichloroethene		U	2760	µg/kg	1.0	0	0	0
1,1-Dichloroethane		U	2760	µg/kg	1.0	0	0	0
cis 1,2-Dichloroethene		U	2760	µg/kg	1.0	0	0	0
Bromochloromethane		U	2760	µg/kg	5.0	0	0	0
Trichloromethane		U	2760	µg/kg	1.0	0	0	0
1,1,1-Trichloroethane		U	2760	µg/kg	1.0	0	0	0
Tetrachloromethane		U	2760	µg/kg	1.0	0	0	0
1,1-Dichloropropene		U	2760	µg/kg	1.0	0	0	0
Benzene		U	2760	µg/kg	1.0	0	0	0
1,2-Dichloroethane		U	2760	µg/kg	2.0	0	0	0
Trichloroethene		N	2760	µg/kg	1.0	0	0	0
1,2-Dichloropropane		U	2760	µg/kg	1.0	0	0	0
Dibromomethane		U	2760	µg/kg	1.0	0	0	0
Bromodichloromethane		U	2760	µg/kg	5.0	0	0	0

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:					26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:					2082651	2082652	2082653	2082654	2082655
Order No.:		Client Sample Ref.:					ES3	ES4	ES5	ES6	ES7
		Client Reference:					WS02	WS02	WS02	WS02	WS02
		Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):					1.50	2.00	2.50	3.00	3.5
		Bottom Depth (m):									4.0
		Date Sampled:					06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:					13:00	13:30	14:00	14:30	15:00
		Asbestos Lab:					NEW-ASB		NEW-ASB	NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD						
cis-1,3-Dichloropropene		N	2760	µg/kg	10	0		0	0		
Toluene		U	2760	µg/kg	1.0	0		0	0		
Trans-1,3-Dichloropropene		N	2760	µg/kg	10	0		0	0		
1,1,2-Trichloroethane		U	2760	µg/kg	10	0		0	0		
Tetrachloroethene		U	2760	µg/kg	1.0	0		0	0		
1,3-Dichloropropane		U	2760	µg/kg	2.0	0		0	0		
Dibromochloromethane		U	2760	µg/kg	10	0		0	0		
1,2-Dibromoethane		U	2760	µg/kg	5.0	0		0	0		
Chlorobenzene		U	2760	µg/kg	1.0	0		0	0		
1,1,1,2-Tetrachloroethane		U	2760	µg/kg	2.0	0		0	0		
Ethylbenzene		U	2760	µg/kg	1.0	0		0	0		
m & p-Xylene		U	2760	µg/kg	1.0	0		0	0		
o-Xylene		U	2760	µg/kg	1.0	0		0	0		
Styrene		U	2760	µg/kg	1.0	0		0	0		
Tribromomethane		U	2760	µg/kg	1.0	0		0	0		
Isopropylbenzene		U	2760	µg/kg	1.0	0		56	52		
Bromobenzene		U	2760	µg/kg	1.0	0		0	0		
1,2,3-Trichloropropane		N	2760	µg/kg	50	0		0	0		
N-Propylbenzene		U	2760	µg/kg	1.0	0		81	84		
2-Chlorotoluene		U	2760	µg/kg	1.0	0		0	0		
1,3,5-Trimethylbenzene		U	2760	µg/kg	1.0	0		0	0		
4-Chlorotoluene		U	2760	µg/kg	1.0	0		0	0		
Tert-Butylbenzene		U	2760	µg/kg	1.0	0		0	0		
1,2,4-Trimethylbenzene		U	2760	µg/kg	1.0	0		0	0		
Sec-Butylbenzene		U	2760	µg/kg	1.0	0		0	0		
1,3-Dichlorobenzene		U	2760	µg/kg	1.0	0		0	0		
4-Isopropyltoluene		U	2760	µg/kg	1.0	0		0	0		
1,4-Dichlorobenzene		U	2760	µg/kg	1.0	0		0	0		
N-Butylbenzene		U	2760	µg/kg	1.0	0		0	0		
1,2-Dichlorobenzene		U	2760	µg/kg	1.0	0		0	0		
1,2-Dibromo-3-Chloropropane		N	2760	µg/kg	50	0		0	0		
1,2,4-Trichlorobenzene		U	2760	µg/kg	1.0	0		0	0		
Hexachlorobutadiene		N	2760	µg/kg	1.0	0		0	0		
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0	0		0	0		
Methyl Tert-Butyl Ether		U	2760	µg/kg	1.0	0		0	0		

Results - Soil

Project: J6329 Midgard Lts - Ferry Island

Client: Endeavour Drilling		Chemtest Job No.:				26-03759	26-03759	26-03759	26-03759	26-03759
Quotation No.: Q26-40733		Chemtest Sample ID.:				2082651	2082652	2082653	2082654	2082655
Order No.:		Client Sample Ref.:				ES3	ES4	ES5	ES6	ES7
		Client Reference:				WS02	WS02	WS02	WS02	WS02
		Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):				1.50	2.00	2.50	3.00	3.5
		Bottom Depth (m):								4.0
		Date Sampled:				06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026	06-Feb-2026
		Time Sampled:				13:00	13:30	14:00	14:30	15:00
		Asbestos Lab:				NEW-ASB		NEW-ASB	NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD					
Naphthalene		U	5003	mg/kg	0.05	0		0	0	
Acenaphthylene		U	5003	mg/kg	0.05	0		0	0	
Acenaphthene		U	5003	mg/kg	0.05	0		0	0	
Fluorene		U	5003	mg/kg	0.05	0		0	0	
Phenanthrene		U	5003	mg/kg	0.05	0.16		0	0	
Anthracene		U	5003	mg/kg	0.05	0.07		0	0	
Fluoranthene		U	5003	mg/kg	0.05	0.16		0.14	0	
Pyrene		U	5003	mg/kg	0.05	0.12		0.12	0	
Benzo[a]anthracene		U	5003	mg/kg	0.05	0		0	0	
Chrysene		U	5003	mg/kg	0.05	0		0.06	0	
Benzo[b]fluoranthene		U	5003	mg/kg	0.05	0		0.08	0	
Benzo(k)Fluoranthene		U	5003	mg/kg	0.05	0		0	0	
Benzo[a]pyrene		U	5003	mg/kg	0.05	0		0	0	
Indeno(1,2,3-c,d)Pyrene		U	5003	mg/kg	0.05	0		0	0	
Dibenz(a,h)Anthracene		U	5003	mg/kg	0.05	0		0	0	
Benzo[g,h,i]perylene		U	5003	mg/kg	0.05	< 0.05		< 0.05	< 0.05	
Total Of 16 PAH's		U	5003	mg/kg	0.05	0.52		0.40	< 0.05	
Total Phenols		U	2920	mg/kg	0.10	< 0.10		< 0.10	< 0.10	

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:					2084263	2084264	2084265	2084266	2084267	2084268
Order No.:		Client Sample Ref.:					ES1	ES2	ES3	ES4	ES1	ES2
		Client Reference:					WS01	WS01	WS01	WS01	TP02	TP02
		Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):					0.50	1.00	1.50	2.00	0.50	1.00
		Bottom Depth (m):								3.00		
		Date Sampled:					09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026
		Asbestos Lab:					NEW-ASB		NEW-ASB	NEW-ASB	NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD	Public Open Space - Residential						
ACM Type		N	2192		N/A		-		-	-	-	
Asbestos Identification		U	2192		N/A		No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	
Moisture		N	2030	%	0.020		16	15	17	17	12	11
Soil Colour		N	2030		N/A		Brown		Brown	Brown	Brown	
Other Material		N	2030		N/A		Stones and brick		Stones	Stones	Stones, Roots and brick	
Soil Texture		N	2030		N/A		Sand		Sand	Sand	Loam	
pH at 20C		U	2010		4.0		8.4		8.3	9.8	9.4	
Boron (Hot Water Soluble)		U	2120	mg/kg	0.40	21000.0	1.1		1.1	0.73	0.92	
Sulphate (2:1 Water Soluble) as SO4		U	2120	g/l	0.010	n/a	0.13		0.16	0.22	0.39	
Cyanide (Total)		U	2300	mg/kg	0.50	n/a	0		0	0	0	
Arsenic		U	2455	mg/kg	0.5	79	12		9.6	12	14	
Cadmium		U	2455	mg/kg	0.10	120.00	0.28		0	0.37	0.25	
Chromium		U	2455	mg/kg	0.5	n/a	19		17	18	24	
Copper		U	2455	mg/kg	0.50	12000	44		20	62	37	
Mercury		U	2455	mg/kg	0.05	16.00	0.56		0.18	0.69	0.28	
Nickel		U	2455	mg/kg	0.50	230	20		17	20	20	
Lead		U	2455	mg/kg	0.50	630	190		150	320	190	
Selenium		U	2455	mg/kg	0.25	1100.00	0.5		0.53	0.44	0.67	
Zinc		U	2455	mg/kg	0.50	81000	140		75	290	120	
Aliphatic VPH >C5-C6	HS 2D_AL	U	2780	mg/kg	0.05	570000	0		0	0	0	
Aliphatic VPH >C6-C7	HS 2D_AL	U	2780	mg/kg	0.05	n/a	0		0	0	0	
Aliphatic VPH >C7-C8	HS 2D_AL	U	2780	mg/kg	0.05	n/a	0		0	0	0	
Aliphatic VPH >C6-C8 (Sum)	HS 2D_AL	N	2780	mg/kg	0.10	600000	0		0	0	0	
Aliphatic VPH >C8-C10	HS 2D_AL	U	2780	mg/kg	0.05	13000	0		0	0.56	0.41	
Total Aliphatic VPH >C5-C10	HS 2D_AL	U	2780	mg/kg	0.25	n/a	0		0	0.56	0.41	
Aromatic VPH >C5-C7	HS 2D_AR	U	2780	mg/kg	0.05	56000	0		0	0	0	
Aromatic VPH >C7-C8	HS 2D_AR	U	2780	mg/kg	0.05	56000	0		0	0	0	
Aromatic VPH >C8-C10	HS 2D_AR	U	2780	mg/kg	0.05	5000	0		0	0	0	
Total Aromatic VPH >C5-C10	HS 2D_AR	U	2780	mg/kg	0.25	n/a	0		0	0	0	
Total VPH >C5-C10	HS 2D_Total	U	2780	mg/kg	0.50	n/a	0		0	0.56	0	
Aliphatic EPH >C10-C12	EH 2D_AL_#1	U	5002	mg/kg	2.00	13000	0		0	0	0	
Aliphatic EPH >C12-C16	EH 2D_AL_#1	U	5002	mg/kg	2.00	13000	0		0	0	0	
Aliphatic EPH >C16-C21	EH 2D_AL_#1	U	5002	mg/kg	2.00	250000	0		0	19	0	
Aliphatic EPH >C21-C35	EH 2D_AL_#1	U	5002	mg/kg	3.00	250000	0		0	320	28	

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:					2084263	2084264	2084265	2084266	2084267	2084268
Order No.:		Client Sample Ref.:					ES1	ES2	ES3	ES4	ES1	ES2
		Client Reference:					WS01	WS01	WS01	WS01	TP02	TP02
		Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):					0.50	1.00	1.50	2.00	0.50	1.00
		Bottom Depth (m):								3.00		
		Date Sampled:					09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026
		Asbestos Lab:					NEW-ASB		NEW-ASB	NEW-ASB	NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD	Public Open Space - Residential						
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	250000	0		0	62	0	
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	U	5002	mg/kg	7.00	n/a	0		0	340	29	
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	n/a	0		0	410	36	
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00	5000	0		0	0	0	
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00	5100	0		0	0	0	
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00	3800	0		0	2.4	0	
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00	3800	15		0	57	12	
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00	3800.0	1.4		0	7	2.6	
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00	n/a	16		0	60	13	
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00	n/a	18		0	67	16	
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00	n/a	17		0	400	43	
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00	n/a	19		0	470	52	
Organic Matter		U	2625	%	0.40	n/a	3.9		1.1	3.5	1.8	
Dichlorodifluoromethane		N	2760	µg/kg	1.0	29	0		0	0	0	
Chloromethane		U	2760	µg/kg	1.0	2500	0		0	0	0	
Vinyl Chloride		U	2760	µg/kg	1.0	3.5	0		0	0	0	
Bromomethane		U	2760	µg/kg	20	ND	0		0	0	0	
Chloroethane		U	2760	µg/kg	2.0	ND	0		0	0	0	
Trichlorofluoromethane		N	2760	µg/kg	1.0	140000	0		0	0	0	
1,1-Dichloroethene		U	2760	µg/kg	1.0	ND	0		0	0	0	
Trans 1,2-Dichloroethene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
1,1-Dichloroethane		U	2760	µg/kg	1.0	n/a	0		0	0	0	
cis 1,2-Dichloroethene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
Bromochloromethane		U	2760	µg/kg	5.0	n/a	0		0	0	0	
Trichloromethane		U	2760	µg/kg	1.0	2500	0		0	0	0	
1,1,1-Trichloroethane		U	2760	µg/kg	1.0	n/a	0		0	0	0	
Tetrachloromethane		U	2760	µg/kg	1.0	2500	0		0	0	0	
1,1-Dichloropropene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
Benzene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
1,2-Dichloroethane		U	2760	µg/kg	2.0	29	0		0	0	0	
Trichloroethene		N	2760	µg/kg	1.0	120	0		0	0	0	
1,2-Dichloropropane		U	2760	µg/kg	1.0	ND	0		0	0	0	
Dibromomethane		U	2760	µg/kg	1.0	n/a	0		0	0	0	
Bromodichloromethane		U	2760	µg/kg	5.0	ND	0		0	0	0	
cis-1,3-Dichloropropene		N	2760	µg/kg	10	n/a	0		0	0	0	
Toluene		U	2760	µg/kg	1.0	n/a	0		0	0	0	

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:					2084263	2084264	2084265	2084266	2084267	2084268
Order No.:		Client Sample Ref.:					ES1	ES2	ES3	ES4	ES1	ES2
		Client Reference:					WS01	WS01	WS01	WS01	TP02	TP02
		Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):					0.50	1.00	1.50	2.00	0.50	1.00
		Bottom Depth (m):								3.00		
		Date Sampled:					09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026
		Asbestos Lab:					NEW-ASB		NEW-ASB	NEW-ASB	NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD	Public Open Space - Residential						
Trans-1,3-Dichloropropene		N	2760	µg/kg	10	n/a	0		0	0	0	
1,1,2-Trichloroethane		U	2760	µg/kg	10	ND	0		0	0	0	
Tetrachloroethene		U	2760	µg/kg	1.0	1400	0		0	0	0	
1,3-Dichloropropane		U	2760	µg/kg	2.0	ND	0		0	0	0	
Dibromochloromethane		U	2760	µg/kg	10	n/a	0		0	0	0	
1,2-Dibromoethane		U	2760	µg/kg	5.0	n/a	0		0	0	0	
Chlorobenzene		U	2760	µg/kg	1.0	11000	0		0	0	0	
1,1,1,2-Tetrachloroethane		U	2760	µg/kg	2.0	1400	0		0	0	0	
Ethylbenzene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
m & p-Xylene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
o-Xylene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
Styrene		U	2760	µg/kg	1.0	ND	0		0	0	0	
Tribromomethane		U	2760	µg/kg	1.0	ND	0		0	0	0	
Isopropylbenzene		U	2760	µg/kg	1.0	ND	0		0	0	0	
Bromobenzene		U	2760	µg/kg	1.0	ND	0		0	0	0	
1,2,3-Trichloropropane		N	2760	µg/kg	50	n/a	0		0	0	0	
N-Propylbenzene		U	2760	µg/kg	1.0	ND	0		0	0	0	
2-Chlorotoluene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
1,3,5-Trimethylbenzene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
4-Chlorotoluene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
Tert-Butylbenzene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
1,2,4-Trimethylbenzene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
Sec-Butylbenzene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
1,3-Dichlorobenzene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
4-Isopropyltoluene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
1,4-Dichlorobenzene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
N-Butylbenzene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
1,2-Dichlorobenzene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
1,2-Dibromo-3-Chloropropane		N	2760	µg/kg	50	n/a	0		0	0	0	
1,2,4-Trichlorobenzene		U	2760	µg/kg	1.0	n/a	0		0	0	0	
Hexachlorobutadiene		N	2760	µg/kg	1.0	n/a	0		0	0	0	
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0	n/a	0		0	0	0	
Methyl Tert-Butyl Ether		U	2760	µg/kg	1.0	n/a	0		0	0	0	
Naphthalene		U	5003	mg/kg	0.05	11000	0		0	0	0	
Acenaphthylene		U	5003	mg/kg	0.05	15000	0		0	0	0	
Acenaphthene		U	5003	mg/kg	0.05	15000	0		0	0	0	

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:					Generic Assessment Criteria	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:						2084263	2084264	2084265	2084266	2084267	2084268
Order No.:		Client Sample Ref.:						ES1	ES2	ES3	ES4	ES1	ES2
		Client Reference:						WS01	WS01	WS01	WS01	TP02	TP02
		Sample Type:						SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):						0.50	1.00	1.50	2.00	0.50	1.00
		Bottom Depth (m):									3.00		
		Date Sampled:						09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026	09-Feb-2026
		Asbestos Lab:						NEW-ASB		NEW-ASB	NEW-ASB	NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD	Public Open Space - Residential							
Fluorene		U	5003	mg/kg	0.05	9900	0		0	0	0	0	
Phenanthrene		U	5003	mg/kg	0.05	3100	0		0	0.06	0	0	
Anthracene		U	5003	mg/kg	0.05	74000	0		0	0	0	0	
Fluoranthene		U	5003	mg/kg	0.05	3100	0.12		0	0.15	0.11		
Pyrene		U	5003	mg/kg	0.05	7400	0.1		0	0.12	0.1		
Benzo[a]anthracene		U	5003	mg/kg	0.05	29	0		0	0.06	0		
Chrysene		U	5003	mg/kg	0.05	57	0		0	0.07	0.06		
Benzo[b]fluoranthene		U	5003	mg/kg	0.05	7.2	0.07		0	0.09	0.08		
Benzo(k)Fluoranthene		U	5003	mg/kg	0.05	190	0		0	0	0		
Benzo[a]pyrene		U	5003	mg/kg	0.05	640	0		0	0.07	0.06		
Indeno(1,2,3-c,d)Pyrene		U	5003	mg/kg	0.05	82	0		0	0.06	0		
Dibenz(a,h)Anthracene		U	5003	mg/kg	0.05	0.57	0		0	0	0		
Benzo[g,h,i]perylene		U	5003	mg/kg	0.05	2.2	0		0	0	0		
Total Of 16 PAH's		U	5003	mg/kg	0.05	n/a	0.29		0	0.69	0.4		
Total Phenols		U	2920	mg/kg	0.10	n/a	0		0	0	0		

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:						26-04190	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:						2084269	2084270	2084271	2084272	2084273	2084274	2084275
Order No.:		Client Sample Ref.:						ES3	ES1	ES2	ES3	ES1	ES2	ES3
		Client Reference:						TP02	TP03	TP03	TP03	TP04	TP04	TP04
		Sample Type:						SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):						1.50	0.50	1.00	1.20	0.50	1.00	1.50
		Bottom Depth (m):						2.00						2.00
		Date Sampled:						09-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026
		Asbestos Lab:						NEW-ASB	NEW-ASB		NEW-ASB	NEW-ASB		NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD									
ACM Type		N	2192		N/A	-	-		-	-		-		-
Asbestos Identification		U	2192		N/A	No Asbestos Detected	No Asbestos Detected		No Asbestos Detected	No Asbestos Detected		No Asbestos Detected		No Asbestos Detected
Moisture		N	2030	%	0.020	18	14	12	14	9.3	13			17
Soil Colour		N	2030		N/A	Brown	Brown		Brown	Brown				Brown
Other Material		N	2030		N/A	Stones	Stones, Roots and brick		Stones, Roots and brick	Stones and brick				Stones
Soil Texture		N	2030		N/A	Sand	Loam		Loam	Sand				Sand
pH at 20C		U	2010		4.0	9.6	9		9	11				8.6
Boron (Hot Water Soluble)		U	2120	mg/kg	0.40	0.81	0.7		1.2	1.6				0.98
Sulphate (2:1 Water Soluble) as SO4		U	2120	g/l	0.010	0.21	0.091		0.16	1.4				0.14
Cyanide (Total)		U	2300	mg/kg	0.50	1.1	0		0	0				0.5
Arsenic		U	2455	mg/kg	0.5	22	15		12	9.3				14
Cadmium		U	2455	mg/kg	0.10	0.68	0.29		0.42	0.15				0.92
Chromium		U	2455	mg/kg	0.5	25	28		18	23				25
Copper		U	2455	mg/kg	0.50	160	38		54	53				66
Mercury		U	2455	mg/kg	0.05	1.9	0.25		0.53	0.32				0.64
Nickel		U	2455	mg/kg	0.50	30	23		20	18				23
Lead		U	2455	mg/kg	0.50	980	170		250	94				3100
Selenium		U	2455	mg/kg	0.25	0.92	0.86		0.94	0.32				0.57
Zinc		U	2455	mg/kg	0.50	710	130		170	120				270
Aliphatic VPH >C5-C6	HS 2D_AL	U	2780	mg/kg	0.05	0	0		0	0				0
Aliphatic VPH >C6-C7	HS 2D_AL	U	2780	mg/kg	0.05	0	0		0	0				0
Aliphatic VPH >C7-C8	HS 2D_AL	U	2780	mg/kg	0.05	0	0		0	0				0
Aliphatic VPH >C6-C8 (Sum)	HS 2D_AL	N	2780	mg/kg	0.10	0	0		0	0				0
Aliphatic VPH >C8-C10	HS 2D_AL	U	2780	mg/kg	0.05	0.25	0.25		0.2	0.19				0.19
Total Aliphatic VPH >C5-C10	HS 2D_AL	U	2780	mg/kg	0.25	0.25	0		0	0				0
Aromatic VPH >C5-C7	HS 2D_AR	U	2780	mg/kg	0.05	0	0		0	0				0
Aromatic VPH >C7-C8	HS 2D_AR	U	2780	mg/kg	0.05	0	0		0	0				0
Aromatic VPH >C8-C10	HS 2D_AR	U	2780	mg/kg	0.05	0	0		0	0				0
Total Aromatic VPH >C5-C10	HS 2D_AR	U	2780	mg/kg	0.25	0	0		0	0				0
Total VPH >C5-C10	HS 2D_Total	U	2780	mg/kg	0.50	0	0		0	0				0
Aliphatic EPH >C10-C12	EH 2D_AL_#1	U	5002	mg/kg	2.00	0	0		0	0				0
Aliphatic EPH >C12-C16	EH 2D_AL_#1	U	5002	mg/kg	2.00	0	0		0	2.1				0
Aliphatic EPH >C16-C21	EH 2D_AL_#1	U	5002	mg/kg	2.00	4.9	0		3.4	25				0
Aliphatic EPH >C21-C35	EH 2D_AL_#1	U	5002	mg/kg	3.00	0	3		12	190				0

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:						26-04190	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:						2084269	2084270	2084271	2084272	2084273	2084274	2084275
Order No.:		Client Sample Ref.:						ES3	ES1	ES2	ES3	ES1	ES2	ES3
		Client Reference:						TP02	TP03	TP03	TP03	TP04	TP04	TP04
		Sample Type:						SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):						1.50	0.50	1.00	1.20	0.50	1.00	1.50
		Bottom Depth (m):						2.00						2.00
		Date Sampled:						09-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026
		Asbestos Lab:						NEW-ASB	NEW-ASB		NEW-ASB	NEW-ASB		NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD									
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	0	0			0	28			0
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	U	5002	mg/kg	7.00	7.8	0			16	220			0
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	0	0			17	250			0
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00	0	0			0	0			0
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00	0	0			0	0			3.9
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00	2.9	0			3.7	0			38
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00	44	2.4			26	30			110
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00	18	0			7.2	4.1			18
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00	47	0			29	32			150
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00	64	0			37	36			170
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00	54	0			45	250			150
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00	72	0			53	280			170
Organic Matter		U	2625	%	0.40	5.7	2			2.4	1.2			2.7
Dichlorodifluoromethane		N	2760	µg/kg	1.0	0	0			0	0			0
Chloromethane		U	2760	µg/kg	1.0	0	0			0	0			0
Vinyl Chloride		U	2760	µg/kg	1.0	0	0			0	0			0
Bromomethane		U	2760	µg/kg	20	0	0			0	0			0
Chloroethane		U	2760	µg/kg	2.0	0	0			0	0			0
Trichlorofluoromethane		N	2760	µg/kg	1.0	0	0			0	0			0
1,1-Dichloroethene		U	2760	µg/kg	1.0	0	0			0	0			0
Trans 1,2-Dichloroethene		U	2760	µg/kg	1.0	0	0			0	0			0
1,1-Dichloroethane		U	2760	µg/kg	1.0	0	0			0	0			0
cis 1,2-Dichloroethane		U	2760	µg/kg	1.0	0	0			0	0			0
Bromochloromethane		U	2760	µg/kg	5.0	0	0			0	0			0
Trichloromethane		U	2760	µg/kg	1.0	0	0			0	0			0
1,1,1-Trichloroethane		U	2760	µg/kg	1.0	0	0			0	0			0
Tetrachloromethane		U	2760	µg/kg	1.0	0	0			0	0			0
1,1-Dichloropropene		U	2760	µg/kg	1.0	0	0			0	0			0
Benzene		U	2760	µg/kg	1.0	0	0			0	0			0
1,2-Dichloroethane		U	2760	µg/kg	2.0	0	0			0	0			0
Trichloroethene		N	2760	µg/kg	1.0	0	0			0	0			0
1,2-Dichloropropane		U	2760	µg/kg	1.0	0	0			0	0			0
Dibromomethane		U	2760	µg/kg	1.0	0	0			0	0			0
Bromodichloromethane		U	2760	µg/kg	5.0	0	0			0	0			0
cis-1,3-Dichloropropene		N	2760	µg/kg	10	0	0			0	0			0
Toluene		U	2760	µg/kg	1.0	0	0			0	0			0

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:		26-04190	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:		2084269	2084270	2084271	2084272	2084273	2084274	2084275
Order No.:		Client Sample Ref.:		ES3	ES1	ES2	ES3	ES1	ES2	ES3
		Client Reference:		TP02	TP03	TP03	TP03	TP04	TP04	TP04
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		1.50	0.50	1.00	1.20	0.50	1.00	1.50
		Bottom Depth (m):		2.00						2.00
		Date Sampled:		09-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026
		Asbestos Lab:		NEW-ASB	NEW-ASB		NEW-ASB	NEW-ASB		NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD					
Trans-1,3-Dichloropropene		N	2760	µg/kg	10	0	0	0	0	0
1,1,2-Trichloroethane		U	2760	µg/kg	10	0	0	0	0	0
Tetrachloroethene		U	2760	µg/kg	1.0	0	0	0	0	0
1,3-Dichloropropane		U	2760	µg/kg	2.0	0	0	0	0	0
Dibromochloromethane		U	2760	µg/kg	10	0	0	0	0	0
1,2-Dibromoethane		U	2760	µg/kg	5.0	0	0	0	0	0
Chlorobenzene		U	2760	µg/kg	1.0	0	0	0	0	0
1,1,1,2-Tetrachloroethane		U	2760	µg/kg	2.0	0	0	0	0	0
Ethylbenzene		U	2760	µg/kg	1.0	0	0	0	0	0
m & p-Xylene		U	2760	µg/kg	1.0	0	0	0	0	0
o-Xylene		U	2760	µg/kg	1.0	0	0	0	0	0
Styrene		U	2760	µg/kg	1.0	0	0	0	0	0
Tribromomethane		U	2760	µg/kg	1.0	0	0	0	0	0
Isopropylbenzene		U	2760	µg/kg	1.0	0	0	0	0	0
Bromobenzene		U	2760	µg/kg	1.0	0	0	0	0	0
1,2,3-Trichloropropane		N	2760	µg/kg	50	0	0	0	0	0
N-Propylbenzene		U	2760	µg/kg	1.0	0	0	0	0	0
2-Chlorotoluene		U	2760	µg/kg	1.0	0	0	0	0	0
1,3,5-Trimethylbenzene		U	2760	µg/kg	1.0	0	0	0	0	0
4-Chlorotoluene		U	2760	µg/kg	1.0	0	0	0	0	0
Tert-Butylbenzene		U	2760	µg/kg	1.0	0	0	0	0	0
1,2,4-Trimethylbenzene		U	2760	µg/kg	1.0	0	0	0	0	0
Sec-Butylbenzene		U	2760	µg/kg	1.0	0	0	0	0	0
1,3-Dichlorobenzene		U	2760	µg/kg	1.0	0	0	0	0	0
4-Isopropyltoluene		U	2760	µg/kg	1.0	0	0	0	0	0
1,4-Dichlorobenzene		U	2760	µg/kg	1.0	0	0	0	0	0
N-Butylbenzene		U	2760	µg/kg	1.0	0	0	0	0	0
1,2-Dichlorobenzene		U	2760	µg/kg	1.0	0	0	0	0	0
1,2-Dibromo-3-Chloropropane		N	2760	µg/kg	50	0	0	0	0	0
1,2,4-Trichlorobenzene		U	2760	µg/kg	1.0	0	0	0	0	0
Hexachlorobutadiene		N	2760	µg/kg	1.0	0	0	0	0	0
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0	0	0	0	0	0
Methyl Tert-Butyl Ether		U	2760	µg/kg	1.0	0	0	0	0	0
Naphthalene		U	5003	mg/kg	0.05	0	0	0	0	0
Acenaphthylene		U	5003	mg/kg	0.05	0	0	0	0	0.08
Acenaphthene		U	5003	mg/kg	0.05	0	0	0	0	0.12

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:					26-04190	26-04190	26-04190	26-04190	26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:					2084269	2084270	2084271	2084272	2084273	2084274	2084275
Order No.:		Client Sample Ref.:					ES3	ES1	ES2	ES3	ES1	ES2	ES3
		Client Reference:					TP02	TP03	TP03	TP03	TP04	TP04	TP04
		Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):					1.50	0.50	1.00	1.20	0.50	1.00	1.50
		Bottom Depth (m):					2.00						2.00
		Date Sampled:					09-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026	10-Feb-2026
		Asbestos Lab:					NEW-ASB	NEW-ASB		NEW-ASB	NEW-ASB		NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD								
Fluorene		U	5003	mg/kg	0.05	0	0		0	0			0.14
Phenanthrene		U	5003	mg/kg	0.05	0	0		0.07	0			1.7
Anthracene		U	5003	mg/kg	0.05	0	0		0	0			0.36
Fluoranthene		U	5003	mg/kg	0.05	0.15	0.08		0.19	0.1			2.3
Pyrene		U	5003	mg/kg	0.05	0.14	0.06		0.16	0.11			2
Benzo[a]anthracene		U	5003	mg/kg	0.05	0.08	0		0.09	0.07			1.1
Chrysene		U	5003	mg/kg	0.05	0.09	0		0.1	0.07			1
Benzo[b]fluoranthene		U	5003	mg/kg	0.05	0.14	0		0.14	0.11			1.2
Benzo(k)fluoranthene		U	5003	mg/kg	0.05	0	0		0	0			0.44
Benzo[a]pyrene		U	5003	mg/kg	0.05	0.11	0		0.11	0.08			1
Indeno(1,2,3-c,d)Pyrene		U	5003	mg/kg	0.05	0.09	0		0.09	0.07			0.67
Dibenz(a,h)Anthracene		U	5003	mg/kg	0.05	0	0		0	0			0.14
Benzo[g,h,i]perylene		U	5003	mg/kg	0.05	0.09	0		0.08	0.06			0.54
Total Of 16 PAH's		U	5003	mg/kg	0.05	0.89	0.14		1	0.67			13
Total Phenols		U	2920	mg/kg	0.10	0	0		0	0			0

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:				26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:				2084276	2084277	2084278
Order No.:		Client Sample Ref.:				ES4	ES5	ES6
		Client Reference:				TP04	TP04	TP04
		Sample Type:				SOIL	SOIL	SOIL
		Top Depth (m):				2.50	3.50	4.50
		Bottom Depth (m):				3.00	4.00	5.00
		Date Sampled:				10-Feb-2026	10-Feb-2026	10-Feb-2026
		Asbestos Lab:					NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD			
ACM Type		N	2192		N/A		-	-
Asbestos Identification		U	2192		N/A		No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020	19	17	17
Soil Colour		N	2030		N/A		Brown	Brown
Other Material		N	2030		N/A		Stones and Roots	Stones
Soil Texture		N	2030		N/A		Loam	Clay
pH at 20C		U	2010		4.0		8.9	8.6
Boron (Hot Water Soluble)		U	2120	mg/kg	0.40		1.1	1.2
Sulphate (2:1 Water Soluble) as SO4		U	2120	g/l	0.010		0.15	0.12
Cyanide (Total)		U	2300	mg/kg	0.50		0	0
Arsenic		U	2455	mg/kg	0.5		11	15
Cadmium		U	2455	mg/kg	0.10		0.22	0
Chromium		U	2455	mg/kg	0.5		13	35
Copper		U	2455	mg/kg	0.50		34	29
Mercury		U	2455	mg/kg	0.05		0.33	0.07
Nickel		U	2455	mg/kg	0.50		16	36
Lead		U	2455	mg/kg	0.50		140	39
Selenium		U	2455	mg/kg	0.25		0.51	1.3
Zinc		U	2455	mg/kg	0.50		130	80
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05		0	0
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05		0	0
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05		0	0
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10		0	0
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05		0.4	0.23
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25		0.4	0
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05		0	0
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05		0	0
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05		0	0
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25		0	0
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50		0	0
Aliphatic EPH >C10-C12	EH_2D_AL_#1	U	5002	mg/kg	2.00		8.5	0
Aliphatic EPH >C12-C16	EH_2D_AL_#1	U	5002	mg/kg	2.00		80	0
Aliphatic EPH >C16-C21	EH_2D_AL_#1	U	5002	mg/kg	2.00		13	0
Aliphatic EPH >C21-C35	EH_2D_AL_#1	U	5002	mg/kg	3.00		0	4.9

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:				26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:				2084276	2084277	2084278
Order No.:		Client Sample Ref.:				ES4	ES5	ES6
		Client Reference:				TP04	TP04	TP04
		Sample Type:				SOIL	SOIL	SOIL
		Top Depth (m):				2.50	3.50	4.50
		Bottom Depth (m):				3.00	4.00	5.00
		Date Sampled:				10-Feb-2026	10-Feb-2026	10-Feb-2026
		Asbestos Lab:					NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD			
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00		0	0
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	U	5002	mg/kg	7.00		100	0
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00		100	0
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00		5.1	0
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00		13	0
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00		0	0
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00		0	2.9
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00		0	0
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00		19	4.2
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00		19	0
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00		120	0
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00		120	0
Organic Matter		U	2625	%	0.40		2.2	0.96
Dichlorodifluoromethane		N	2760	µg/kg	1.0		0	0
Chloromethane		U	2760	µg/kg	1.0		0	0
Vinyl Chloride		U	2760	µg/kg	1.0		0	0
Bromomethane		U	2760	µg/kg	20		0	0
Chloroethane		U	2760	µg/kg	2.0		0	0
Trichlorofluoromethane		N	2760	µg/kg	1.0		0	0
1,1-Dichloroethene		U	2760	µg/kg	1.0		0	0
Trans 1,2-Dichloroethene		U	2760	µg/kg	1.0		0	0
1,1-Dichloroethane		U	2760	µg/kg	1.0		0	0
cis 1,2-Dichloroethene		U	2760	µg/kg	1.0		0	0
Bromochloromethane		U	2760	µg/kg	5.0		0	0
Trichloromethane		U	2760	µg/kg	1.0		0	0
1,1,1-Trichloroethane		U	2760	µg/kg	1.0		0	0
Tetrachloromethane		U	2760	µg/kg	1.0		0	0
1,1-Dichloropropene		U	2760	µg/kg	1.0		0	0
Benzene		U	2760	µg/kg	1.0		0	0
1,2-Dichloroethane		U	2760	µg/kg	2.0		0	0
Trichloroethene		N	2760	µg/kg	1.0		0	0
1,2-Dichloropropane		U	2760	µg/kg	1.0		0	0
Dibromomethane		U	2760	µg/kg	1.0		0	0
Bromodichloromethane		U	2760	µg/kg	5.0		0	0
cis-1,3-Dichloropropene		N	2760	µg/kg	10		0	0
Toluene		U	2760	µg/kg	1.0		0	0

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:				26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:				2084276	2084277	2084278
Order No.:		Client Sample Ref.:				ES4	ES5	ES6
		Client Reference:				TP04	TP04	TP04
		Sample Type:				SOIL	SOIL	SOIL
		Top Depth (m):				2.50	3.50	4.50
		Bottom Depth (m):				3.00	4.00	5.00
		Date Sampled:				10-Feb-2026	10-Feb-2026	10-Feb-2026
		Asbestos Lab:					NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD			
Trans-1,3-Dichloropropene		N	2760	µg/kg	10		0	0
1,1,2-Trichloroethane		U	2760	µg/kg	10		0	0
Tetrachloroethene		U	2760	µg/kg	1.0		0	0
1,3-Dichloropropane		U	2760	µg/kg	2.0		0	0
Dibromochloromethane		U	2760	µg/kg	10		0	0
1,2-Dibromoethane		U	2760	µg/kg	5.0		0	0
Chlorobenzene		U	2760	µg/kg	1.0		0	0
1,1,1,2-Tetrachloroethane		U	2760	µg/kg	2.0		0	0
Ethylbenzene		U	2760	µg/kg	1.0		0	0
m & p-Xylene		U	2760	µg/kg	1.0		0	0
o-Xylene		U	2760	µg/kg	1.0		0	0
Styrene		U	2760	µg/kg	1.0		0	0
Tribromomethane		U	2760	µg/kg	1.0		0	0
Isopropylbenzene		U	2760	µg/kg	1.0		0	0
Bromobenzene		U	2760	µg/kg	1.0		0	0
1,2,3-Trichloropropane		N	2760	µg/kg	50		0	0
N-Propylbenzene		U	2760	µg/kg	1.0		0	0
2-Chlorotoluene		U	2760	µg/kg	1.0		0	0
1,3,5-Trimethylbenzene		U	2760	µg/kg	1.0		0	0
4-Chlorotoluene		U	2760	µg/kg	1.0		0	0
Tert-Butylbenzene		U	2760	µg/kg	1.0		0	0
1,2,4-Trimethylbenzene		U	2760	µg/kg	1.0		0	0
Sec-Butylbenzene		U	2760	µg/kg	1.0		0	0
1,3-Dichlorobenzene		U	2760	µg/kg	1.0		0	0
4-Isopropyltoluene		U	2760	µg/kg	1.0		0	0
1,4-Dichlorobenzene		U	2760	µg/kg	1.0		0	0
N-Butylbenzene		U	2760	µg/kg	1.0		0	0
1,2-Dichlorobenzene		U	2760	µg/kg	1.0		0	0
1,2-Dibromo-3-Chloropropane		N	2760	µg/kg	50		0	0
1,2,4-Trichlorobenzene		U	2760	µg/kg	1.0		0	0
Hexachlorobutadiene		N	2760	µg/kg	1.0		0	0
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0		0	0
Methyl Tert-Butyl Ether		U	2760	µg/kg	1.0		0	0
Naphthalene		U	5003	mg/kg	0.05		0	0
Acenaphthylene		U	5003	mg/kg	0.05		0	0
Acenaphthene		U	5003	mg/kg	0.05		0	0

Results - Soil

Project: J6329 Midgard Ltd - Ferry Island - Batch 2

Client: Endeavour Drilling		Chemtest Job No.:				26-04190	26-04190	26-04190
Quotation No.: Q26-40733		Chemtest Sample ID.:				2084276	2084277	2084278
Order No.:		Client Sample Ref.:				ES4	ES5	ES6
		Client Reference:				TP04	TP04	TP04
		Sample Type:				SOIL	SOIL	SOIL
		Top Depth (m):				2.50	3.50	4.50
		Bottom Depth (m):				3.00	4.00	5.00
		Date Sampled:				10-Feb-2026	10-Feb-2026	10-Feb-2026
		Asbestos Lab:					NEW-ASB	NEW-ASB
Determinand	HWOL Code	Accred.	SOP	Units	LOD			
Fluorene		U	5003	mg/kg	0.05		0	0
Phenanthrene		U	5003	mg/kg	0.05		0	0
Anthracene		U	5003	mg/kg	0.05		0	0
Fluoranthene		U	5003	mg/kg	0.05		0	0.07
Pyrene		U	5003	mg/kg	0.05		0	0
Benzo[a]anthracene		U	5003	mg/kg	0.05		0	0
Chrysene		U	5003	mg/kg	0.05		0	0
Benzo[b]fluoranthene		U	5003	mg/kg	0.05		0	0
Benzo(k)Fluoranthene		U	5003	mg/kg	0.05		0	0
Benzo[a]pyrene		U	5003	mg/kg	0.05		0	0
Indeno(1,2,3-c,d)Pyrene		U	5003	mg/kg	0.05		0	0
Dibenz(a,h)Anthracene		U	5003	mg/kg	0.05		0	0
Benzo[g,h,i]perylene		U	5003	mg/kg	0.05		0	0
Total Of 16 PAH's		U	5003	mg/kg	0.05		0	0.07
Total Phenols		U	2920	mg/kg	0.10		0	1.3

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 3

Client: Endeavour Drilling		Chemtest Job No.:					Generic Assessment Criteria			26-05711	26-05711
Quotation No.: Q26-40733		Chemtest Sample ID.:					HUMAN HEALTH (RESIDENTIAL)	SURFACE WATER	DRINKING WATER	2089647	2089648
		Client Reference:								WS01	WS02
		Sample Type:								WATER	WATER
		Sample Sub Type:								Ground Water	Ground Water
		Top Depth (m):								2.50	2.50
		Date Sampled:							24-Feb-2026	24-Feb-2026	
		Time Sampled:							14:30	15:00	
Determinand	HWOL Code	Accred.	SOP	Units	LOD						
pH at 20C		U	1010		4.0				7.6	7.3	
Sulphate		U	1220	mg/l	1.0				130	390	
Cyanide (Total)		U	1300	mg/l	0.050				< 0.050	< 0.050	
Arsenic (Dissolved)		U	1455	µg/l	0.20	N/A	N/A	10	3.2	32	
Boron (Dissolved)		U	1455	µg/l	10.0	N/A	N/A	1,000	110	280	
Cadmium (Dissolved)		U	1455	µg/l	0.11	N/A	N/A	5	< 0.11	< 0.11	
Chromium (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	50	< 0.50	< 0.50	
Copper (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	2000	27	1.2	
Mercury (Dissolved)		U	1455	µg/l	0.05	1	N/A	1	< 0.05	< 0.05	
Nickel (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	20	9.4	9.8	
Lead (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	10	4.7	15	
Selenium (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	10	< 0.50	1.3	
Zinc (Dissolved)		U	1455	µg/l	2.5	N/A	N/A	10.9	56	2.9	
Aliphatic TPH >C5-C6	EH_2D_AL_#1	N	1780	µg/l	0.10	1900	N/A	15,000	< 0.10	1700	
Aliphatic TPH >C6-C8	EH_2D_AL_#1	N	1780	µg/l	0.10	1500	N/A	15,000	< 0.10	26000	
Aliphatic TPH >C8-C10	EH_2D_AL_#1	N	1780	µg/l	0.10	57.00	N/A	300	< 0.10	41000	
Aliphatic TPH >C10-C12	EH_2D_AL_#1	N	1680	µg/l	0.10	37.00	N/A	300	< 0.10	19000	
Aliphatic TPH >C12-C16	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	300	< 0.10	25000	
Aliphatic TPH >C16-C21	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	11000	
Aliphatic TPH >C21-C35	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	7800	
Aliphatic TPH >C35-C44	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	550	
Total Aliphatic Hydrocarbons	EH_2D_AL_#1	N	1675	µg/l	5.0	N/A	N/A	N/A	< 5.0	130000	
Aromatic TPH >C5-C7	EH_2D_AR_#1	N	1780	µg/l	0.10	210000	N/A	10	< 0.10	< 0.10	
Aromatic TPH >C7-C8	EH_2D_AR_#1	N	1780	µg/l	0.10	220000	N/A	700	< 0.10	< 0.10	
Aromatic TPH >C8-C10	EH_2D_AR_#1	N	1780	µg/l	0.10	1900	N/A	300	< 0.10	60	
Aromatic TPH >C10-C12	EH_2D_AR_#1	N	1680	µg/l	0.10	6800	N/A	90	< 0.10	10000	
Aromatic TPH >C12-C16	EH_2D_AR_#1	N	1680	µg/l	0.10	39000	N/A	90	< 0.10	16000	
Aromatic TPH >C16-C21	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	90	< 0.10	7100	
Aromatic TPH >C21-C35	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	90	< 0.10	900	
Aromatic TPH >C35-C44	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	
Total Aromatic Hydrocarbons	EH_2D_AR_#1	N	1675	µg/l	5.0	N/A	N/A	N/A	< 5.0	34000	
Total Petroleum Hydrocarbons	EH_2D_Total_#1	N	1675	µg/l	10	N/A	N/A	N/A	< 10	170000	
Dichlorodifluoromethane		N	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	
Chloromethane		U	1760	µg/l	1.0	14	N/A	N/A	< 1.0	< 1.0	
Vinyl Chloride		N	1760	µg/l	1.0	63	0.375	0.5	< 1.0	< 1.0	
Bromomethane		U	1760	µg/l	5	3100	N/A	N/A	< 5	< 5	
Chloroethane		U	1760	µg/l	2.0	1,000,000	N/A	N/A	< 2.0	< 2.0	
Trichlorofluoromethane		N	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	
1,1-Dichloroethene		U	1760	µg/l	1.0	16,000	N/A	N/A	< 1.0	< 1.0	
Trans 1,2-Dichloroethene		U	1760	µg/l	1.0	160.00	N/A	50	< 1.0	< 1.0	

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 3

Client: Endeavour Drilling		Chemtest Job No.:					Generic Assessment Criteria			26-05711	26-05711
Quotation No.: Q26-40733		Chemtest Sample ID.:					HUMAN HEALTH (RESIDENTIAL)	SURFACE WATER	DRINKING WATER	2089647	2089648
		Client Reference:								WS01	WS02
		Sample Type:								WATER	WATER
		Sample Sub Type:								Ground Water	Ground Water
		Top Depth (m):								2.50	2.50
		Date Sampled:							24-Feb-2026	24-Feb-2026	
		Time Sampled:							14:30	15:00	
Determinand	HWOL Code	Accred.	SOP	Units	LOD						
1,1-Dichloroethane		U	1760	µg/l	1.0	2700.00	N/A	N/A	< 1.0	< 1.0	
cis 1,2-Dichloroethene		U	1760	µg/l	1.0	130.00	N/A	50	< 1.0	< 1.0	
Bromochloromethane		U	1760	µg/l	5	N/A	N/A	N/A	< 5	< 5	
Trichloromethane		U	1760	µg/l	1.0	790	2.5	100	< 1.0	< 1.0	
1,1,1-Trichloroethane		U	1760	µg/l	1.0	3000	N/A	N/A	< 1.0	< 1.0	
Tetrachloromethane		U	1760	µg/l	1.0	5.3	12	2.25	< 1.0	< 1.0	
1,1-Dichloropropene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	
Benzene		U	1760	µg/l	1.0	210	10	1	< 1.0	< 1.0	
1,2-Dichloroethane		U	1760	µg/l	2.0	8.9	10	3	< 2.0	< 2.0	
Trichloroethene		N	1760	µg/l	1.0	5.7	10	N/A	< 1.0	< 1.0	
1,2-Dichloropropane		U	1760	µg/l	1.0	22	N/A	40	< 1.0	< 1.0	
Dibromomethane		U	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	
Bromodichloromethane		U	1760	µg/l	5	17	N/A	60	< 5	< 5	
cis-1,3-Dichloropropene		N	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	
Toluene		U	1760	µg/l	1.0	230000.00	74.00	700	< 1.0	< 1.0	
Trans-1,3-Dichloropropene		N	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	
1,1,2-Trichloroethane		U	1760	µg/l	10	520	N/A	N/A	< 10	< 10	
Tetrachloroethene		U	1760	µg/l	1.0	43	10	10	< 1.0	< 1.0	
1,3-Dichloropropane		U	1760	µg/l	2.0	N/A	N/A	N/A	< 2.0	< 2.0	
Dibromochloromethane		U	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	
1,2-Dibromoethane		U	1760	µg/l	5	N/A	N/A	N/A	< 5	< 5	
Chlorobenzene		N	1760	µg/l	1.0	98	N/A	N/A	< 1.0	< 1.0	
1,1,1,2-Tetrachloroethane		U	1760	µg/l	2.0	240	N/A	N/A	< 2.0	< 2.0	
Ethylbenzene		U	1760	µg/l	1.0	10,000	N/A	300	< 1.0	< 1.0	
m & p-Xylene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	
o-Xylene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	
Styrene		U	1760	µg/l	1.0	8800	N/A	20	< 1.0	< 1.0	
Tribromomethane		U	1760	µg/l	1.0	3100	N/A	N/A	< 1.0	< 1.0	
Isopropylbenzene		U	1760	µg/l	1.0	850	N/A	N/A	< 1.0	7.5	
Bromobenzene		U	1760	µg/l	1.0	220	N/A	N/A	< 1.0	< 1.0	
1,2,3-Trichloropropane		N	1760	µg/l	50	N/A	N/A	N/A	< 50	< 50	
N-Propylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	
2-Chlorotoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	
1,3,5-Trimethylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	
4-Chlorotoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	
Tert-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	6.2	
1,2,4-Trimethylbenzene		U	1760	µg/l	1.0	24	N/A	N/A	< 1.0	< 1.0	
Sec-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	
1,3-Dichlorobenzene		N	1760	µg/l	1.0	31	N/A	N/A	< 1.0	< 1.0	
4-Isopropyltoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	16	

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 3

Client: Endeavour Drilling		Chemtest Job No.:					Generic Assessment Criteria			26-05711	26-05711
Quotation No.: Q26-40733		Chemtest Sample ID.:					HUMAN HEALTH (RESIDENTIAL)	SURFACE WATER	DRINKING WATER	2089647	2089648
		Client Reference:								WS01	WS02
		Sample Type:								WATER	WATER
		Sample Sub Type:								Ground Water	Ground Water
		Top Depth (m):								2.50	2.50
		Date Sampled:							24-Feb-2026	24-Feb-2026	
		Time Sampled:							14:30	15:00	
Determinand	HWOL Code	Accred.	SOP	Units	LOD						
1,4-Dichlorobenzene		U	1760	µg/l	1.0	5000	N/A	300	< 1.0	< 1.0	
N-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	
1,2-Dichlorobenzene		U	1760	µg/l	1.0	2000	N/A	1000	< 1.0	< 1.0	
1,2-Dibromo-3-Chloropropane		N	1760	µg/l	50	N/A	N/A	N/A	< 50	< 50	
1,2,4-Trichlorobenzene		U	1760	µg/l	1.0	68	N/A	N/A	< 1.0	< 1.0	
Hexachlorobutadiene		U	1760	µg/l	1.0	1.7	0.6	0.6	< 1.0	< 1.0	
1,2,3-Trichlorobenzene		U	1760	µg/l	2.0	35	0.4	N/A	< 2.0	< 2.0	
Methyl Tert-Butyl Ether		N	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	
Naphthalene		U	1800	µg/l	0.10	220	2	0.075	< 0.10	< 0.10	
Acenaphthylene		U	1800	µg/l	0.10	220,000	N/A	N/A	< 0.10	< 0.10	
Acenaphthene		U	1800	µg/l	0.10	170,000	N/A	N/A	< 0.10	< 0.10	
Fluorene		U	1800	µg/l	0.10	210,000	N/A	N/A	< 0.10	< 0.10	
Phenanthrene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	12	
Anthracene		U	1800	µg/l	0.10	N/A	0.1	N/A	< 0.10	4.4	
Fluoranthene		U	1800	µg/l	0.10	N/A	0.0063	0.075	< 0.10	5.8	
Pyrene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	6.6	
Benzo[a]anthracene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	1.4	
Chrysene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	1.9	
Benzo[b]fluoranthene		U	1800	µg/l	0.10	N/A	0.017	0.075	< 0.10	1.3	
Benzo[k]fluoranthene		U	1800	µg/l	0.10	N/A	0.017	N/A	< 0.10	0.44	
Benzo[a]pyrene		U	1800	µg/l	0.10	N/A	0.00017	0.01	< 0.10	0.69	
Indeno(1,2,3-c,d)Pyrene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	
Dibenz(a,h)Anthracene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	
Benzo[g,h,i]perylene		U	1800	µg/l	0.10	N/A	0.0082	N/A	< 0.10	< 0.10	
Total Of 16 PAH's		U	1800	µg/l	2.0			0.1	< 2.0	35	
Total Phenols		U	1920	mg/l	0.030				< 0.030	< 0.030	

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 4

Client: Endeavour Drilling		Chemtest Job No.:					Generic Assessment Criteria			26-07733	26-07733	26-07733
Quotation No.: Q26-40733		Chemtest Sample ID.:					HUMAN HEALTH (RESIDENTIAL	SURFACE WATER	DRINKING WATER	2096444	2096445	2096446
		Client Reference:								WS01	WS02	WS03
		Sample Type:								WATER	WATER	WATER
		Sample Sub Type:								Ground Water	Ground Water	Ground Water
		Top Depth (m):								2.75	2.75	2.75
		Date Sampled:								11-Mar-2026	11-Mar-2026	11-Mar-2026
		Time Sampled:								14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
pH at 20C		U	1010		4.0					7.9	8.4	8.3
Sulphate		U	1220	mg/l	1.0					130	280	140
Cyanide (Total)		U	1300	mg/l	0.050					< 0.050	< 0.050	< 0.050
Arsenic (Dissolved)		U	1455	µg/l	0.20	N/A	N/A	10	4.3	11	14	
Boron (Dissolved)		U	1455	µg/l	10.0	N/A	N/A	1,000	130	230	220	
Cadmium (Dissolved)		U	1455	µg/l	0.11	N/A	N/A	5	< 0.11	< 0.11	< 0.11	
Chromium (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	50	< 0.50	< 0.50	< 0.50	
Copper (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	2000	11	< 0.50	0.79	
Mercury (Dissolved)		U	1455	µg/l	0.05	1	N/A	1	< 0.05	< 0.05	< 0.05	
Nickel (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	20	7.4	4.2	7.0	
Lead (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	10	6.7	1.3	1.2	
Selenium (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	10	< 0.50	< 0.50	< 0.50	
Zinc (Dissolved)		U	1455	µg/l	2.5	N/A	N/A	10.9	50	< 2.5	< 2.5	
Aliphatic TPH >C5-C6	EH_2D_AL_#1	N	1780	µg/l	0.10	1900	N/A	15,000	< 0.10	110	< 0.10	
Aliphatic TPH >C6-C8	EH_2D_AL_#1	N	1780	µg/l	0.10	1500	N/A	15,000	< 0.10	3500	2000	
Aliphatic TPH >C8-C10	EH_2D_AL_#1	N	1780	µg/l	0.10	57.00	N/A	300	< 0.10	9400	5800	
Aliphatic TPH >C10-C12	EH_2D_AL_#1	N	1680	µg/l	0.10	37.00	N/A	300	< 0.10	1300	< 0.10	
Aliphatic TPH >C12-C16	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	300	< 0.10	2100	< 0.10	
Aliphatic TPH >C16-C21	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	1200	< 0.10	
Aliphatic TPH >C21-C35	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	260	< 0.10	
Aliphatic TPH >C35-C44	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	
Total Aliphatic Hydrocarbons	EH_2D_AL_#1	N	1675	µg/l	5.0	N/A	N/A	N/A	< 5.0	18000	7800	
Aromatic TPH >C5-C7	EH_2D_AR_#1	N	1780	µg/l	0.10	210000	N/A	10	< 0.10	< 0.10	< 0.10	
Aromatic TPH >C7-C8	EH_2D_AR_#1	N	1780	µg/l	0.10	220000	N/A	700	< 0.10	< 0.10	< 0.10	
Aromatic TPH >C8-C10	EH_2D_AR_#1	N	1780	µg/l	0.10	1900	N/A	300	< 0.10	< 0.10	< 0.10	
Aromatic TPH >C10-C12	EH_2D_AR_#1	N	1680	µg/l	0.10	6800	N/A	90	< 0.10	380	17	
Aromatic TPH >C12-C16	EH_2D_AR_#1	N	1680	µg/l	0.10	39000	N/A	90	< 0.10	760	15	
Aromatic TPH >C16-C21	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	90	< 0.10	180	< 0.10	
Aromatic TPH >C21-C35	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	90	< 0.10	< 0.10	< 0.10	
Aromatic TPH >C35-C44	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	
Total Aromatic Hydrocarbons	EH_2D_AR_#1	N	1675	µg/l	5.0	N/A	N/A	N/A	< 5.0	1300	31	
Total Petroleum Hydrocarbons	EH_2D_Total_#1	N	1675	µg/l	10	N/A	N/A	N/A	< 10	19000	7900	
Dichlorodifluoromethane		N	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	
Chloromethane		U	1760	µg/l	1.0	14	N/A	N/A	< 1.0	< 1.0	< 1.0	
Vinyl Chloride		N	1760	µg/l	1.0	63	0.375	0.5	< 1.0	< 1.0	< 1.0	
Bromomethane		U	1760	µg/l	5	3100	N/A	N/A	< 5	< 5	< 5	
Chloroethane		U	1760	µg/l	2.0	1,000,000	N/A	N/A	< 2.0	< 2.0	< 2.0	
Trichlorofluoromethane		N	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	
1,1-Dichloroethene		U	1760	µg/l	1.0	16,000	N/A	N/A	< 1.0	< 1.0	< 1.0	
Trans 1,2-Dichloroethene		U	1760	uq/l	1.0	160.00	N/A	50	< 1.0	< 1.0	< 1.0	

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 4

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria			26-07733	26-07733	26-07733
Quotation No.: Q26-40733		Chemtest Sample ID.:				HUMAN HEALTH (RESIDENTIAL	SURFACE WATER	DRINKING WATER	2096444	2096445	2096446
		Client Reference:							WS01	WS02	WS03
		Sample Type:							WATER	WATER	WATER
		Sample Sub Type:							Ground Water	Ground Water	Ground Water
		Top Depth (m):							2.75	2.75	2.75
		Date Sampled:							11-Mar-2026	11-Mar-2026	11-Mar-2026
		Time Sampled:							14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD						
1,1-Dichloroethane		U	1760	µg/l	1.0	2700.00	N/A	N/A	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene		U	1760	µg/l	1.0	130.00	N/A	50	< 1.0	< 1.0	< 1.0
Bromochloromethane		U	1760	µg/l	5	N/A	N/A	N/A	< 5	< 5	< 5
Trichloromethane		U	1760	µg/l	1.0	790	2.5	100	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		U	1760	µg/l	1.0	3000	N/A	N/A	< 1.0	< 1.0	< 1.0
Tetrachloromethane		U	1760	µg/l	1.0	5.3	12	2.25	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0
Benzene		U	1760	µg/l	1.0	210	10	1	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane		U	1760	µg/l	2.0	8.9	10	3	< 2.0	< 2.0	< 2.0
Trichloroethene		N	1760	µg/l	1.0	5.7	10	N/A	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane		U	1760	µg/l	1.0	22	N/A	40	< 1.0	< 1.0	< 1.0
Dibromomethane		U	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10
Bromodichloromethane		U	1760	µg/l	5	17	N/A	60	< 5	< 5	< 5
cis-1,3-Dichloropropene		N	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10
Toluene		U	1760	µg/l	1.0	230000.00	74.00	700	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10
1,1,2-Trichloroethane		U	1760	µg/l	10	520	N/A	N/A	< 10	< 10	< 10
Tetrachloroethene		U	1760	µg/l	1.0	43	10	10	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane		U	1760	µg/l	2.0	N/A	N/A	N/A	< 2.0	< 2.0	< 2.0
Dibromochloromethane		U	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10
1,2-Dibromoethane		U	1760	µg/l	5	N/A	N/A	N/A	< 5	< 5	< 5
Chlorobenzene		N	1760	µg/l	1.0	98	N/A	N/A	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		U	1760	µg/l	2.0	240	N/A	N/A	< 2.0	< 2.0	< 2.0
Ethylbenzene		U	1760	µg/l	1.0	10,000	N/A	300	< 1.0	< 1.0	< 1.0
m & p-Xylene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0
o-Xylene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0
Styrene		U	1760	µg/l	1.0	8800	N/A	20	< 1.0	< 1.0	< 1.0
Tribromomethane		U	1760	µg/l	1.0	3100	N/A	N/A	< 1.0	< 1.0	< 1.0
Isopropylbenzene		U	1760	µg/l	1.0	850	N/A	N/A	< 1.0	< 1.0	< 1.0
Bromobenzene		U	1760	µg/l	1.0	220	N/A	N/A	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane		N	1760	µg/l	50	N/A	N/A	N/A	< 50	< 50	< 50
N-Propylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0
2-Chlorotoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	2.2	< 1.0
4-Chlorotoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene		U	1760	µg/l	1.0	24	N/A	N/A	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene		N	1760	µg/l	1.0	31	N/A	N/A	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 4

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria			26-07733	26-07733	26-07733
Quotation No.: Q26-40733		Chemtest Sample ID.:				HUMAN	SURFACE	DRINKING	2096444	2096445	2096446
		<i>Client Reference:</i>				HEALTH	WATER		WS01	WS02	WS03
		<i>Sample Type:</i>				(RESIDENTIAL			WATER	WATER	WATER
		<i>Sample Sub Type:</i>							Ground Water	Ground Water	Ground Water
		<i>Top Depth (m):</i>							2.75	2.75	2.75
		<i>Date Sampled:</i>							11-Mar-2026	11-Mar-2026	11-Mar-2026
		<i>Time Sampled:</i>							14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD						
1,4-Dichlorobenzene		U	1760	µg/l	1.0	5000	N/A	300	< 1.0	< 1.0	< 1.0
N-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene		U	1760	µg/l	1.0	2000	N/A	1000	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		N	1760	µg/l	50	N/A	N/A	N/A	< 50	< 50	< 50
1,2,4-Trichlorobenzene		U	1760	µg/l	1.0	68	N/A	N/A	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene		U	1760	µg/l	1.0	1.7	0.6	0.6	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	1760	µg/l	2.0	35	0.4	N/A	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether		N	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0
Naphthalene		U	1800	µg/l	0.10	220	2	0.075	< 0.10	< 0.10	15
Acenaphthylene		U	1800	µg/l	0.10	220,000	N/A	N/A	< 0.10	< 0.10	< 0.10
Acenaphthene		U	1800	µg/l	0.10	170,000	N/A	N/A	< 0.10	1.1	6.6
Fluorene		U	1800	µg/l	0.10	210,000	N/A	N/A	< 0.10	< 0.10	3.4
Phenanthrene		U	1800	µg/l	0.10	N/A	N/A	N/A	0.27	0.73	5.5
Anthracene		U	1800	µg/l	0.10	N/A	0.1	N/A	< 0.10	0.41	1.1
Fluoranthene		U	1800	µg/l	0.10	N/A	0.0063	0.075	0.70	0.44	1.5
Pyrene		U	1800	µg/l	0.10	N/A	N/A	N/A	0.59	0.66	1.2
Benzo[a]anthracene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10
Chrysene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene		U	1800	µg/l	0.10	N/A	0.017	0.075	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		U	1800	µg/l	0.10	N/A	0.017	N/A	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene		U	1800	µg/l	0.10	N/A	0.00017	0.01	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		U	1800	µg/l	0.10	N/A	0.0082	N/A	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's		U	1800	µg/l	2.0			0.1	< 2.0	3.4	34
Total Phenols		U	1920	mg/l	0.030				< 0.030	< 0.030	< 0.030

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 5

Client: Endeavour Drilling		Chemtest Job No.:					Generic Assessment Criteria			26-09219	26-09219	26-09219	26-09219
Quotation No.: Q26-40733		Chemtest Sample ID.:					HUMAN HEALTH (RESIDENTIA	SURFACE WATER	DRINKING WATER	2100982	2100983	2100984	2100985
		Client Reference:								WS01	WS02	WS03	TP04
		Sample Type:								WATER	WATER	WATER	WATER
		Sample Sub Type:											
		Top Depth (m):								3.00	3.00	3.00	3.00
		Date Sampled:								23-Mar-2026	23-Mar-2026	23-Mar-2026	23-Mar-2026
		Time Sampled:								14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD								
pH at 20C		U	1010		4.0					7.6	7.7	9.1	8.0
Sulphate		U	1220	mg/l	1.0					140	260	120	160
Cyanide (Total)		U	1300	mg/l	0.050					< 0.050	< 0.050	< 0.050	< 0.050
Arsenic (Dissolved)		U	1455	µg/l	0.20	N/A	N/A	10		6.4	15	18	16
Boron (Dissolved)		U	1455	µg/l	10.0	N/A	N/A	1,000		120	210	170	130
Cadmium (Dissolved)		U	1455	µg/l	0.11	N/A	N/A	5		< 0.11	< 0.11	< 0.11	< 0.11
Chromium (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	50		< 0.50	< 0.50	< 0.50	< 0.50
Copper (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	2000		9.0	0.62	2.2	6.0
Mercury (Dissolved)		U	1455	µg/l	0.05	1	N/A	1		< 0.05	< 0.05	< 0.05	< 0.05
Nickel (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	20		7.7	5.8	8.6	6.4
Lead (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	10		8.2	6.1	2.4	4.5
Selenium (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	10		0.73	0.75	0.71	1.9
Zinc (Dissolved)		U	1455	µg/l	2.5	N/A	N/A	10.9		50	< 2.5	4.4	6.1
Aliphatic TPH >C5-C6	EH_2D_AL_#1	N	1780	µg/l	0.10	1900	N/A	15,000		< 0.10	750	< 0.10	< 0.10
Aliphatic TPH >C6-C8	EH_2D_AL_#1	N	1780	µg/l	0.10	1500	N/A	15,000		< 0.10	13000	< 0.10	< 0.10
Aliphatic TPH >C8-C10	EH_2D_AL_#1	N	1780	µg/l	0.10	57.00	N/A	300		< 0.10	29000	< 0.10	< 0.10
Aliphatic TPH >C10-C12	EH_2D_AL_#1	N	1680	µg/l	0.10	37.00	N/A	300		< 0.10	2400	< 0.10	< 0.10
Aliphatic TPH >C12-C16	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	300		< 0.10	4200	< 0.10	< 0.10
Aliphatic TPH >C16-C21	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A		< 0.10	1800	< 0.10	< 0.10
Aliphatic TPH >C21-C35	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A		< 0.10	550	< 0.10	< 0.10
Aliphatic TPH >C35-C44	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A		< 0.10	< 0.10	< 0.10	< 0.10
Total Aliphatic Hydrocarbons	EH_2D_AL_#1	N	1675	µg/l	5.0	N/A	N/A	N/A		< 5.0	52000	< 5.0	< 5.0
Aromatic TPH >C5-C7	EH_2D_AR_#1	N	1780	µg/l	0.10	210000	N/A	10		< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C7-C8	EH_2D_AR_#1	N	1780	µg/l	0.10	220000	N/A	700		< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C8-C10	EH_2D_AR_#1	N	1780	µg/l	0.10	1900	N/A	300		< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C10-C12	EH_2D_AR_#1	N	1680	µg/l	0.10	6800	N/A	90		< 0.10	660	< 0.10	< 0.10
Aromatic TPH >C12-C16	EH_2D_AR_#1	N	1680	µg/l	0.10	39000	N/A	90		< 0.10	1100	< 0.10	< 0.10
Aromatic TPH >C16-C21	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	90		< 0.10	360	< 0.10	< 0.10
Aromatic TPH >C21-C35	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	90		< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C35-C44	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	N/A		< 0.10	< 0.10	< 0.10	< 0.10
Total Aromatic Hydrocarbons	EH_2D_AR_#1	N	1675	µg/l	5.0	N/A	N/A	N/A		< 5.0	2100	< 5.0	< 5.0
Total Petroleum Hydrocarbons	EH_2D_Total_#1	N	1675	µg/l	10	N/A	N/A	N/A		< 10	54000	< 10	< 10
Dichlorodifluoromethane		N	1760	µg/l	1.0	N/A	N/A	N/A		< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane		U	1760	µg/l	1.0	14	N/A	N/A		< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride		N	1760	µg/l	1.0	63	0.375	0.5		< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane		U	1760	µg/l	5	3100	N/A	N/A		< 5	< 5	< 5	< 5
Chloroethane		U	1760	µg/l	2.0	1,000,000	N/A	N/A		< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane		N	1760	µg/l	1.0	N/A	N/A	N/A		< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene		U	1760	µg/l	1.0	16,000	N/A	N/A		< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		U	1760	µg/l	1.0	160.00	N/A	50		< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane		U	1760	µg/l	1.0	2700.00	N/A	N/A		< 1.0	< 1.0	< 1.0	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 5

Client: Endeavour Drilling		Chemtest Job No.:					Generic Assessment Criteria			26-09219	26-09219	26-09219	26-09219
Quotation No.: Q26-40733		Chemtest Sample ID.:					HUMAN HEALTH (RESIDENTIA	SURFACE WATER	DRINKING WATER	2100982	2100983	2100984	2100985
		Client Reference:								WS01	WS02	WS03	TP04
		Sample Type:								WATER	WATER	WATER	WATER
		Sample Sub Type:											
		Top Depth (m):								3.00	3.00	3.00	3.00
		Date Sampled:								23-Mar-2026	23-Mar-2026	23-Mar-2026	23-Mar-2026
		Time Sampled:								14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD								
cis 1,2-Dichloroethene		U	1760	µg/l	1.0	130.00	N/A	50	< 1.0	< 1.0	< 1.0	< 1.0	
Bromochloromethane		U	1760	µg/l	5	N/A	N/A	N/A	< 5	< 5	< 5	< 5	
Trichloromethane		U	1760	µg/l	1.0	790	2.5	100	< 1.0	< 1.0	< 1.0	< 1.0	
1,1,1-Trichloroethane		U	1760	µg/l	1.0	3000	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
Tetrachloromethane		U	1760	µg/l	1.0	5.3	12	2.25	< 1.0	< 1.0	< 1.0	< 1.0	
1,1-Dichloropropene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
Benzene		U	1760	µg/l	1.0	210	10	1	< 1.0	< 1.0	< 1.0	< 1.0	
1,2-Dichloroethane		U	1760	µg/l	2.0	8.9	10	3	< 2.0	< 2.0	< 2.0	< 2.0	
Trichloroethene		N	1760	µg/l	1.0	5.7	10	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
1,2-Dichloropropane		U	1760	µg/l	1.0	22	N/A	40	< 1.0	< 1.0	< 1.0	< 1.0	
Dibromomethane		U	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10	< 10	
Bromodichloromethane		U	1760	µg/l	5	17	N/A	60	< 5	< 5	< 5	< 5	
cis-1,3-Dichloropropene		N	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10	< 10	
Toluene		U	1760	µg/l	1.0	230000.00	74.00	700	< 1.0	< 1.0	< 1.0	< 1.0	
Trans-1,3-Dichloropropene		N	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10	< 10	
1,1,2-Trichloroethane		U	1760	µg/l	10	520	N/A	N/A	< 10	< 10	< 10	< 10	
Tetrachloroethene		U	1760	µg/l	1.0	43	10	10	< 1.0	< 1.0	< 1.0	< 1.0	
1,3-Dichloropropane		U	1760	µg/l	2.0	N/A	N/A	N/A	< 2.0	< 2.0	< 2.0	< 2.0	
Dibromochloromethane		U	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10	< 10	
1,2-Dibromoethane		U	1760	µg/l	5	N/A	N/A	N/A	< 5	< 5	< 5	< 5	
Chlorobenzene		N	1760	µg/l	1.0	98	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
1,1,1,2-Tetrachloroethane		U	1760	µg/l	2.0	240	N/A	N/A	< 2.0	< 2.0	< 2.0	< 2.0	
Ethylbenzene		U	1760	µg/l	1.0	10,000	N/A	300	< 1.0	< 1.0	< 1.0	< 1.0	
m & p-Xylene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
o-Xylene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
Styrene		U	1760	µg/l	1.0	8800	N/A	20	< 1.0	< 1.0	< 1.0	< 1.0	
Tribromomethane		U	1760	µg/l	1.0	3100	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
Isopropylbenzene		U	1760	µg/l	1.0	850	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
Bromobenzene		U	1760	µg/l	1.0	220	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
1,2,3-Trichloropropane		N	1760	µg/l	50	N/A	N/A	N/A	< 50	< 50	< 50	< 50	
N-Propylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
2-Chlorotoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
1,3,5-Trimethylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
4-Chlorotoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
Tert-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
1,2,4-Trimethylbenzene		U	1760	µg/l	1.0	24	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
Sec-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
1,3-Dichlorobenzene		N	1760	µg/l	1.0	31	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
4-Isopropyltoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	
1,4-Dichlorobenzene		U	1760	µg/l	1.0	5000	N/A	300	< 1.0	< 1.0	< 1.0	< 1.0	
N-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0	

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 5

Client: Endeavour Drilling		Chemtest Job No.:			Generic Assessment Criteria			26-09219	26-09219	26-09219	26-09219
Quotation No.: Q26-40733		Chemtest Sample ID.:			HUMAN	SURFACE	DRINKING	2100982	2100983	2100984	2100985
		Client Reference:			HEALTH	WATER	WATER	WS01	WS02	WS03	TP04
		Sample Type:			(RESIDENTIA			WATER	WATER	WATER	WATER
		Sample Sub Type:									
		Top Depth (m):						3.00	3.00	3.00	3.00
		Date Sampled:						23-Mar-2026	23-Mar-2026	23-Mar-2026	23-Mar-2026
		Time Sampled:						14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD						
1,2-Dichlorobenzene		U	1760	µg/l	1.0	2000	N/A	1000	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		N	1760	µg/l	50	N/A	N/A	N/A	< 50	< 50	< 50
1,2,4-Trichlorobenzene		U	1760	µg/l	1.0	68	N/A	N/A	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene		U	1760	µg/l	1.0	1.7	0.6	0.6	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	1760	µg/l	2.0	35	0.4	N/A	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether		N	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0
Naphthalene		U	1800	µg/l	0.10	220	2	0.075	< 0.10	< 0.10	< 0.10
Acenaphthylene		U	1800	µg/l	0.10	220,000	N/A	N/A	< 0.10	< 0.10	< 0.10
Acenaphthene		U	1800	µg/l	0.10	170,000	N/A	N/A	< 0.10	< 0.10	< 0.10
Fluorene		U	1800	µg/l	0.10	210,000	N/A	N/A	< 0.10	< 0.10	< 0.10
Phenanthrene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	0.80
Anthracene		U	1800	µg/l	0.10	N/A	0.1	N/A	< 0.10	< 0.10	0.23
Fluoranthene		U	1800	µg/l	0.10	N/A	0.0063	0.075	< 0.10	< 0.10	1.3
Pyrene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	1.1
Benzo[a]anthracene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	0.63
Chrysene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	0.60
Benzo[b]fluoranthene		U	1800	µg/l	0.10	N/A	0.017	0.075	< 0.10	< 0.10	0.82
Benzo[k]fluoranthene		U	1800	µg/l	0.10	N/A	0.017	N/A	< 0.10	< 0.10	0.39
Benzo[a]pyrene		U	1800	µg/l	0.10	N/A	0.00017	0.01	< 0.10	< 0.10	0.48
Indeno(1,2,3-c,d)Pyrene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		U	1800	µg/l	0.10	N/A	0.0082	N/A	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's		U	1800	µg/l	2.0			0.1	< 2.0	< 2.0	6.3
Total Phenols		U	1920	mg/l	0.030				< 0.030	< 0.030	< 0.030

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 6

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria			26-10360	26-10360	26-10360	26-10360
Quotation No.: Q26-40733		Chemtest Sample ID.:				HUMAN HEALTH	SURFACE WATER	DRINKING WATER	2104096	2104097	2104098	2104099
		Client Reference:				(RESIDENTIA			WS01	WS02	WS03	TP04
		Sample Type:							WATER	WATER	WATER	WATER
		Sample Sub Type:							Ground Water	Ground Water	Ground Water	Ground Water
		Top Depth (m):							2.75	2.75	2.75	2.75
		Date Sampled:							30-Mar-2026	30-Mar-2026	30-Mar-2026	30-Mar-2026
		Time Sampled:							14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
pH at 20C		U	1010		4.0				8.2	8.3	8.6	8.1
Sulphate		U	1220	mg/l	1.0				130	200	140	170
Cyanide (Total)		U	1300	mg/l	0.050				< 0.050	< 0.050	< 0.050	< 0.050
Arsenic (Dissolved)		U	1455	µg/l	0.20	N/A	N/A	10	2.7	9.7	16	23
Boron (Dissolved)		U	1455	µg/l	10.0	N/A	N/A	1,000	120	240	200	170
Cadmium (Dissolved)		U	1455	µg/l	0.11	N/A	N/A	5	0.15	< 0.11	< 0.11	0.15
Chromium (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	50	< 0.50	< 0.50	< 0.50	< 0.50
Copper (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	2000	36	< 0.50	0.76	15
Mercury (Dissolved)		U	1455	µg/l	0.05	1	N/A	1	< 0.05	< 0.05	< 0.05	0.09
Nickel (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	20	8.6	5.0	5.8	7.9
Lead (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	10	4.3	1.6	< 0.50	9.6
Selenium (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	10	< 0.50	0.64	0.75	1.3
Zinc (Dissolved)		U	1455	µg/l	2.5	N/A	N/A	10.9	88	< 2.5	< 2.5	68
Aliphatic TPH >C5-C6	EH_2D_AL_#1	N	1780	µg/l	0.10	1900	N/A	15,000	< 0.10	280	< 0.10	< 0.10
Aliphatic TPH >C6-C8	EH_2D_AL_#1	N	1780	µg/l	0.10	1500	N/A	15,000	< 0.10	5400	< 0.10	< 0.10
Aliphatic TPH >C8-C10	EH_2D_AL_#1	N	1780	µg/l	0.10	57.00	N/A	300	< 0.10	11000	70	< 0.10
Aliphatic TPH >C10-C12	EH_2D_AL_#1	N	1680	µg/l	0.10	37.00	N/A	300	< 0.10	2200	< 0.10	< 0.10
Aliphatic TPH >C12-C16	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	300	< 0.10	3600	< 0.10	< 0.10
Aliphatic TPH >C16-C21	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	1700	< 0.10	< 0.10
Aliphatic TPH >C21-C35	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	500	< 0.10	< 0.10
Aliphatic TPH >C35-C44	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Total Aliphatic Hydrocarbons	EH_2D_AL_#1	N	1675	µg/l	5.0	N/A	N/A	N/A	< 5.0	24000	70	< 5.0
Aromatic TPH >C5-C7	EH_2D_AR_#1	N	1780	µg/l	0.10	210000	N/A	10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C7-C8	EH_2D_AR_#1	N	1780	µg/l	0.10	220000	N/A	700	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C8-C10	EH_2D_AR_#1	N	1780	µg/l	0.10	1900	N/A	300	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C10-C12	EH_2D_AR_#1	N	1680	µg/l	0.10	6800	N/A	90	< 0.10	890	13	< 0.10
Aromatic TPH >C12-C16	EH_2D_AR_#1	N	1680	µg/l	0.10	39000	N/A	90	< 0.10	1400	< 0.10	< 0.10
Aromatic TPH >C16-C21	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	90	< 0.10	390	< 0.10	< 0.10
Aromatic TPH >C21-C35	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	90	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C35-C44	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Total Aromatic Hydrocarbons	EH_2D_AR_#1	N	1675	µg/l	5.0	N/A	N/A	N/A	< 5.0	2600	13	< 5.0
Total Petroleum Hydrocarbons	EH_2D_Total_#1	N	1675	µg/l	10	N/A	N/A	N/A	< 10	27000	83	< 10
Dichlorodifluoromethane		N	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane		U	1760	µg/l	1.0	14	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride		N	1760	µg/l	1.0	63	0.375	0.5	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane		U	1760	µg/l	5	3100	N/A	N/A	< 5	< 5	< 5	< 5
Chloroethane		U	1760	µg/l	2.0	1,000,000	N/A	N/A	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane		N	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene		U	1760	µg/l	1.0	16,000	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		U	1760	µg/l	1.0	160.00	N/A	50	< 1.0	< 1.0	< 1.0	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 6

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria			26-10360	26-10360	26-10360	26-10360
Quotation No.: Q26-40733		Chemtest Sample ID.:				HUMAN HEALTH	SURFACE WATER	DRINKING WATER	2104096	2104097	2104098	2104099
		Client Reference:				(RESIDENTIA			WS01	WS02	WS03	TP04
		Sample Type:							WATER	WATER	WATER	WATER
		Sample Sub Type:							Ground Water	Ground Water	Ground Water	Ground Water
		Top Depth (m):							2.75	2.75	2.75	2.75
		Date Sampled:							30-Mar-2026	30-Mar-2026	30-Mar-2026	30-Mar-2026
		Time Sampled:							14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
1,1-Dichloroethane		U	1760	µg/l	1.0	2700.00	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene		U	1760	µg/l	1.0	130.00	N/A	50	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane		U	1760	µg/l	5	N/A	N/A	N/A	< 5	< 5	< 5	< 5
Trichloromethane		U	1760	µg/l	1.0	790	2.5	100	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		U	1760	µg/l	1.0	3000	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane		U	1760	µg/l	1.0	5.3	12	2.25	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Benzene		U	1760	µg/l	1.0	210	10	1	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane		U	1760	µg/l	2.0	8.9	10	3	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene		N	1760	µg/l	1.0	5.7	10	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane		U	1760	µg/l	1.0	22	N/A	40	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane		U	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10	< 10
Bromodichloromethane		U	1760	µg/l	5	17	N/A	60	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene		N	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10	< 10
Toluene		U	1760	µg/l	1.0	230000.00	74.00	700	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane		U	1760	µg/l	10	520	N/A	N/A	< 10	< 10	< 10	< 10
Tetrachloroethene		U	1760	µg/l	1.0	43	10	10	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane		U	1760	µg/l	2.0	N/A	N/A	N/A	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane		U	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10	< 10
1,2-Dibromoethane		U	1760	µg/l	5	N/A	N/A	N/A	< 5	< 5	< 5	< 5
Chlorobenzene		N	1760	µg/l	1.0	98	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		U	1760	µg/l	2.0	240	N/A	N/A	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene		U	1760	µg/l	1.0	10,000	N/A	300	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Styrene		U	1760	µg/l	1.0	8800	N/A	20	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane		U	1760	µg/l	1.0	3100	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene		U	1760	µg/l	1.0	850	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene		U	1760	µg/l	1.0	220	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane		N	1760	µg/l	50	N/A	N/A	N/A	< 50	< 50	< 50	< 50
N-Propylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	20	< 1.0
4-Chlorotoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene		U	1760	µg/l	1.0	24	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene		N	1760	µg/l	1.0	31	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene		U	1760	µg/l	1.0	5000	N/A	300	< 1.0	< 1.0	< 1.0	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 6

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria			26-10360	26-10360	26-10360	26-10360
Quotation No.: Q26-40733		Chemtest Sample ID.:				HUMAN HEALTH	SURFACE WATER	DRINKING WATER	2104096	2104097	2104098	2104099
		Client Reference:				(RESIDENTIA			WS01	WS02	WS03	TP04
		Sample Type:							WATER	WATER	WATER	WATER
		Sample Sub Type:							Ground Water	Ground Water	Ground Water	Ground Water
		Top Depth (m):							2.75	2.75	2.75	2.75
		Date Sampled:							30-Mar-2026	30-Mar-2026	30-Mar-2026	30-Mar-2026
		Time Sampled:							14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
N-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene		U	1760	µg/l	1.0	2000	N/A	1000	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		N	1760	µg/l	50	N/A	N/A	N/A	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene		U	1760	µg/l	1.0	68	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene		U	1760	µg/l	1.0	1.7	0.6	0.6	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	1760	µg/l	2.0	35	0.4	N/A	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether		N	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		U	1800	µg/l	0.10	220	2	0.075	< 0.10	< 0.10	16	< 0.10
Acenaphthylene		U	1800	µg/l	0.10	220,000	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		U	1800	µg/l	0.10	170,000	N/A	N/A	< 0.10	< 0.10	7.8	0.94
Fluorene		U	1800	µg/l	0.10	210,000	N/A	N/A	< 0.10	< 0.10	4.4	0.43
Phenanthrene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	1.5	6.5	2.0
Anthracene		U	1800	µg/l	0.10	N/A	0.1	N/A	< 0.10	< 0.10	0.81	0.45
Fluoranthene		U	1800	µg/l	0.10	N/A	0.0063	0.075	< 0.10	0.60	2.0	0.87
Pyrene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	0.74	1.3	0.57
Benzo[a]anthracene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene		U	1800	µg/l	0.10	N/A	0.017	0.075	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		U	1800	µg/l	0.10	N/A	0.017	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene		U	1800	µg/l	0.10	N/A	0.00017	0.01	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		U	1800	µg/l	0.10	N/A	0.0082	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's		U	1800	µg/l	2.0			0.1	< 2.0	2.8	39	5.2
Total Phenols		U	1920	mg/l	0.030				< 0.030	< 0.030	< 0.030	< 0.030

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 7

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria			26-11313	26-11313	26-11313	26-11313
Quotation No.: Q26-40733		Chemtest Sample ID.:				HUMAN HEALTH	SURFACE WATER	DRINKING WATER	2107258	2107259	2107260	2107261
		Client Reference:				(RESIDENTIA			WS01	WS02	WS03	TP04
		Sample Type:							WATER	WATER	WATER	WATER
		Sample Sub Type:							Ground Water	Ground Water	Ground Water	Ground Water
		Top Depth (m):							2.75	2.75	2.75	2.75
		Date Sampled:							08-Apr-2026	08-Apr-2026	08-Apr-2026	08-Apr-2026
		Time Sampled:							14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
pH at 20C		U	1010		4.0				7.5	7.6	8.5	8.0
Sulphate		U	1220	mg/l	1.0				140	160	130	160
Cyanide (Total)		U	1300	mg/l	0.050				< 0.050	< 0.050	< 0.050	< 0.050
Arsenic (Dissolved)		U	1455	µg/l	0.20	N/A	N/A	10	3.8	13	15	14
Boron (Dissolved)		U	1455	µg/l	10.0	N/A	N/A	1,000	150	210	200	150
Cadmium (Dissolved)		U	1455	µg/l	0.11	N/A	N/A	5	0.18	< 0.11	< 0.11	< 0.11
Chromium (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	50	< 0.50	< 0.50	< 0.50	< 0.50
Copper (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	2000	27	< 0.50	1.6	6.2
Mercury (Dissolved)		U	1455	µg/l	0.05	1	N/A	1	< 0.05	< 0.05	< 0.05	< 0.05
Nickel (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	20	7.2	4.3	5.7	6.0
Lead (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	10	8.0	8.2	1.9	6.4
Selenium (Dissolved)		U	1455	µg/l	0.50	N/A	N/A	10	0.64	< 0.50	< 0.50	0.73
Zinc (Dissolved)		U	1455	µg/l	2.5	N/A	N/A	10.9	51	2.6	< 2.5	7.0
Aliphatic TPH >C5-C6	EH_2D_AL_#1	N	1780	µg/l	0.10	1900	N/A	15,000	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C6-C8	EH_2D_AL_#1	N	1780	µg/l	0.10	1500	N/A	15,000	< 0.10	1600	< 0.10	< 0.10
Aliphatic TPH >C8-C10	EH_2D_AL_#1	N	1780	µg/l	0.10	57.00	N/A	300	< 0.10	4900	< 0.10	< 0.10
Aliphatic TPH >C10-C12	EH_2D_AL_#1	N	1680	µg/l	0.10	37.00	N/A	300	< 0.10	200	< 0.10	< 0.10
Aliphatic TPH >C12-C16	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	300	< 0.10	300	< 0.10	< 0.10
Aliphatic TPH >C16-C21	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	61	< 0.10	< 0.10
Aliphatic TPH >C21-C35	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C35-C44	EH_2D_AL_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Total Aliphatic Hydrocarbons	EH_2D_AL_#1	N	1675	µg/l	5.0	N/A	N/A	N/A	< 5.0	7000	< 5.0	< 5.0
Aromatic TPH >C5-C7	EH_2D_AR_#1	N	1780	µg/l	0.10	210000	N/A	10	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C7-C8	EH_2D_AR_#1	N	1780	µg/l	0.10	220000	N/A	700	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C8-C10	EH_2D_AR_#1	N	1780	µg/l	0.10	1900	N/A	300	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C10-C12	EH_2D_AR_#1	N	1680	µg/l	0.10	6800	N/A	90	< 0.10	22	< 0.10	< 0.10
Aromatic TPH >C12-C16	EH_2D_AR_#1	N	1680	µg/l	0.10	39000	N/A	90	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C16-C21	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	90	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C21-C35	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	90	< 0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C35-C44	EH_2D_AR_#1	N	1680	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Total Aromatic Hydrocarbons	EH_2D_AR_#1	N	1675	µg/l	5.0	N/A	N/A	N/A	< 5.0	22	< 5.0	< 5.0
Total Petroleum Hydrocarbons	EH_2D_Total_#1	N	1675	µg/l	10	N/A	N/A	N/A	< 10	7000	< 10	< 10
Dichlorodifluoromethane		N	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane		U	1760	µg/l	1.0	14	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride		N	1760	µg/l	1.0	63	0.375	0.5	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane		U	1760	µg/l	5	3100	N/A	N/A	< 5	< 5	< 5	< 5
Chloroethane		U	1760	µg/l	2.0	1,000,000	N/A	N/A	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane		N	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene		U	1760	µg/l	1.0	16,000	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		U	1760	µg/l	1.0	160.00	N/A	50	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane		U	1760	µg/l	1.0	2700.00	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 7

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria			26-11313	26-11313	26-11313	26-11313
Quotation No.: Q26-40733		Chemtest Sample ID.:				HUMAN HEALTH	SURFACE WATER	DRINKING WATER	2107258	2107259	2107260	2107261
		Client Reference:				(RESIDENTIA			WS01	WS02	WS03	TP04
		Sample Type:							WATER	WATER	WATER	WATER
		Sample Sub Type:							Ground Water	Ground Water	Ground Water	Ground Water
		Top Depth (m):							2.75	2.75	2.75	2.75
		Date Sampled:							08-Apr-2026	08-Apr-2026	08-Apr-2026	08-Apr-2026
		Time Sampled:							14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
cis 1,2-Dichloroethene		U	1760	µg/l	1.0	130.00	N/A	50	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane		U	1760	µg/l	5	N/A	N/A	N/A	< 5	< 5	< 5	< 5
Trichloromethane		U	1760	µg/l	1.0	790	2.5	100	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		U	1760	µg/l	1.0	3000	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane		U	1760	µg/l	1.0	5.3	12	2.25	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Benzene		U	1760	µg/l	1.0	210	10	1	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane		U	1760	µg/l	2.0	8.9	10	3	< 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene		N	1760	µg/l	1.0	5.7	10	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane		U	1760	µg/l	1.0	22	N/A	40	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane		U	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10	< 10
Bromodichloromethane		U	1760	µg/l	5	17	N/A	60	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene		N	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10	< 10
Toluene		U	1760	µg/l	1.0	230000.00	74.00	700	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10	< 10
1,1,2-Trichloroethane		U	1760	µg/l	10	520	N/A	N/A	< 10	< 10	< 10	< 10
Tetrachloroethene		U	1760	µg/l	1.0	43	10	10	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane		U	1760	µg/l	2.0	N/A	N/A	N/A	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane		U	1760	µg/l	10	N/A	N/A	N/A	< 10	< 10	< 10	< 10
1,2-Dibromoethane		U	1760	µg/l	5	N/A	N/A	N/A	< 5	< 5	< 5	< 5
Chlorobenzene		N	1760	µg/l	1.0	98	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		U	1760	µg/l	2.0	240	N/A	N/A	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene		U	1760	µg/l	1.0	10,000	N/A	300	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Styrene		U	1760	µg/l	1.0	8800	N/A	20	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane		U	1760	µg/l	1.0	3100	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene		U	1760	µg/l	1.0	850	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene		U	1760	µg/l	1.0	220	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane		N	1760	µg/l	50	N/A	N/A	N/A	< 50	< 50	< 50	< 50
N-Propylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene		U	1760	µg/l	1.0	24	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene		N	1760	µg/l	1.0	31	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene		U	1760	µg/l	1.0	5000	N/A	300	< 1.0	< 1.0	< 1.0	< 1.0
N-Butylbenzene		U	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0

Results - Water

Project: J6329 Midgard Ltd - Ferry Island - Batch 7

Client: Endeavour Drilling		Chemtest Job No.:				Generic Assessment Criteria			26-11313	26-11313	26-11313	26-11313
Quotation No.: Q26-40733		Chemtest Sample ID.:				HUMAN	SURFACE	DRINKING	2107258	2107259	2107260	2107261
		Client Reference:				HEALTH	WATER	WATER	WS01	WS02	WS03	TP04
		Sample Type:				(RESIDENTIA			WATER	WATER	WATER	WATER
		Sample Sub Type:							Ground Water	Ground Water	Ground Water	Ground Water
		Top Depth (m):							2.75	2.75	2.75	2.75
		Date Sampled:							08-Apr-2026	08-Apr-2026	08-Apr-2026	08-Apr-2026
		Time Sampled:							14:00	14:30	15:00	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
1,2-Dichlorobenzene		U	1760	µg/l	1.0	2000	N/A	1000	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		N	1760	µg/l	50	N/A	N/A	N/A	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene		U	1760	µg/l	1.0	68	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene		U	1760	µg/l	1.0	1.7	0.6	0.6	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	1760	µg/l	2.0	35	0.4	N/A	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether		N	1760	µg/l	1.0	N/A	N/A	N/A	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		U	1800	µg/l	0.10	220	2	0.075	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene		U	1800	µg/l	0.10	220,000	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		U	1800	µg/l	0.10	170,000	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene		U	1800	µg/l	0.10	210,000	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene		U	1800	µg/l	0.10	N/A	N/A	N/A	0.42	< 0.10	< 0.10	0.21
Anthracene		U	1800	µg/l	0.10	N/A	0.1	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene		U	1800	µg/l	0.10	N/A	0.0063	0.075	0.69	< 0.10	< 0.10	0.57
Pyrene		U	1800	µg/l	0.10	N/A	N/A	N/A	0.69	< 0.10	< 0.10	0.82
Benzo[a]anthracene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene		U	1800	µg/l	0.10	N/A	0.017	0.075	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		U	1800	µg/l	0.10	N/A	0.017	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene		U	1800	µg/l	0.10	N/A	0.00017	0.01	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		U	1800	µg/l	0.10	N/A	N/A	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		U	1800	µg/l	0.10	N/A	0.0082	N/A	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's		U	1800	µg/l	2.0			0.1	< 2.0	< 2.0	< 2.0	< 2.0
Total Phenols		U	1920	mg/l	0.030				< 0.030	< 0.030	< 0.030	< 0.030

END OF REPORT

whitby wood

END OF REPORT

whitby wood