



EARTH ENVIRONMENTAL
& GEOTECHNICAL
A Technics Group Company

PHASE II GROUND
INVESTIGATION REPORT

ALDI DISTRIBUTION CENTRE

INTERLINK SOUTH

BARDON

LEICESTERSHIRE

LE67 1GE

REPORT REF: R5322/26/Rev1

JANUARY 2026

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Prepared on Behalf of:

Moortown Group

By:

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1 electronic copy Moortown Group

PHASE II GROUND INVESTIGATION REPORT

ALDI DISTRIBUTION CENTRE, INTERLINK SOUTH, BARDON, LEICESTERSHIRE, LE67 9GE

Report Reference: R5322/25/GI/Rev1

Version A.1

Date: 13th January 2026

Prepared for: Moortown Group

Prepared by: Earth Environmental & Geotechnical (Southern) Ltd
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Definition of Version Code:

- D. Applied during initial drafting of the report before it has been reviewed.
- C. Applied after the report has been reviewed but before it has been approved by the Project Manager.
- B. Applied after the Project Manager has approved the report ready for issue to the client.
- A. Applied to reports after external/internal review.

The version number starts at "0" and is raised by "1" at each re-type.

Written by:

Ashley Thorne
Senior Geo-Environmental Consultant



Approved by:

John Grace
Regional Director

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1.0 INTRODUCTION

1.1 Background

A Geo-environmental Site Investigation has been commissioned by Moortown Group (the Client) to install ground gas monitoring wells and to assess the potential ground gas risk present at the Aldi Distribution Centre, Interlink South, Bardon, LE67 1GE. (herein referred to as the 'assessment site').

1.2 Terms of Reference

Earth Environmental and Geotechnical (Southern) Ltd (EEGSL) was commissioned by the Client to undertake a Site Investigation in accordance with project proposal R5322 19th September 2025.

The objectives of this site investigation are as follows:

- *Undertake ground investigation works to install ten ground gas monitoring wells.*
- *Complete four return ground gas monitoring visits.*
- *Provide a Ground Gas Risk Assessment for the areas investigated.*

1.3 Report Scope

This report presents full factual records of the site work carried out, the ground conditions encountered in the exploratory holes and the in-situ and laboratory test results. All information collected has been used to provide an interpretation and recommendations to inform current ground gas risks present at the assessment site.

1.4 Limitations of the Study

The report is written in the context of an agreed scope of work and budget and should not be used in a different context. New information, improved practices or changes in legislation may require a reinterpretation of the report in whole or in part. EEGSL reserve the right to amend either conclusions or recommendations in light of any further information that may become available. The report is provided for the sole use by the Client and is confidential to them.

Recommendations within this report are also based on exploratory records and examination of samples and, where applicable, laboratory tests. No liability can be accepted for conditions not revealed by the boreholes, particularly at intervening locations. Whilst every effort is made to ensure accuracy of data supplied, all opinions expressed as to the spatial distribution of strata between sampling locations is for guidance only and no responsibility is accepted as to its accuracy.

2.0 SITE LOCATION & DESCRIPTION

2.1 Site Location & Description

The assessment site covers an area of 27.2ha in size and is currently occupied by the large distribution centre warehouse, gatehouse, vehicle maintenance unit, loading areas and a site compound located in the east of the site.

The assessment site is located at Interlink South, near Bardon. The assessment site is centred on National Grid Reference SK 42772 08675 (N: 308675, E: 442772) with the closest postcode being LE67 1GE.

The general surrounding area comprises open fields in all directions.

An aerial photograph showing the location of the assessment site is provided in Figure 1.

Figure 1: Site Location Plan



2.2 Published Geology

The BGS states the majority of the site is underlain by Artificial Ground comprising Made Ground, with the southern part of the site also being labelled as Infilled Ground. According to the BGS, the southwestern corner of the site is not underlain by Artificial Ground.

Underlying the made ground (except in the southwest) is superficial deposits of the Oadby Till Member comprising Diamicton, grey, weathering brown, characterised by Cretaceous and Jurassic rock fragments; subordinate lenses of sand and gravel, clay and silt. Clay, brown to grey, and silty clay, with chalk and flint fragments.

Finally, the superficial deposits are underlain by bedrock deposits of the Gunthorpe Member comprising Mudstone, red-brown, with subordinate dolomitic siltstone and fine-grained sandstone, greenish grey, common gypsum veins and nodules.

3.0 SITE INVESTIGATION

3.1 Exploratory Fieldwork

The fieldwork was carried out by EEGSL between the 21st and the 23rd of October 2025 and comprised:

- 10 No. Window Sample Boreholes (WS01 – WS10 inclusive) were sunk to a maximum depth of 5.00m below existing ground level. All exploratory hole logs are included in Appendix 1.

The fieldwork was carried out generally in accordance with BS 5930:2015+A1:2020 Code of Practice for Site Investigations unless otherwise stated.

The exploratory hole locations were determined by the client prior to the site works taking place. The investigation locations completed are shown approximately on the Exploratory Hole Location Plan in Figure 2.

Figure 2: Exploratory Hole Location Plan



Prior to works taking place, EEGSL scanned each location using a Cable Avoidance Tool (CAT) to confirm the absence of underground services, and the exploratory locations were repositioned if necessary.

All site investigation work was supervised full time by a representative of EEGSL. The logging of soils and rocks has been carried out in accordance with BS5930(2015+A1:2020) except where superseded by the soil and rock description methodology in BS EN14688-1(2002), BS EN 14688-2(2004) and BS EN 14689-1(2003).

A summary of exploratory holes undertaken during the investigation is presented in Table 1.

Table 1: Summary of Exploratory Holes Undertaken

Hole	Type*	Depth (m)	Date Started	Date Finished	Backfill Details
WS1	WS	2.00	23/10/2025	23/10/2025	Installed to 2.00mbgl.
WS2	WS	2.00	23/10/2025	23/10/2025	Installed to 2.00mbgl.
WS3	WS	0.35	22/10/2025	22/10/2025	Arisings
WS3A	WS	2.00	23/10/2025	23/10/2025	Installed to 2.00mbgl.
WS4	WS	0.28	22/10/2025	22/10/2025	Arisings
WS4A	WS	2.00	23/10/2025	23/10/2025	Installed to 2.00mbgl.
WS5	WS	2.00	22/10/2025	22/10/2025	Installed to 1.00mbgl.
WS6	WS	0.54	22/10/2025	22/10/2025	Arisings
WS7	WS	5.00	22/10/2025	22/10/2025	Installed to 5.00mbgl.
WS8	WS	5.00	22/10/2025	22/10/2025	Installed to 5.00mbgl.
WS9	WS	2.00	22/10/2025	22/10/2025	Installed to 2.00mbgl.
WS10	WS	2.00	22/10/2025	22/10/2025	Installed to 2.00mbgl.
*WS = Window Sample Borehole					

4.0 GROUND CONDITIONS ENCOUNTERED

The following sections describe the ground conditions identified during the investigation.

4.1 Soil Profile Encountered

The sequence of strata encountered beneath the assessment site consisted of:

Made Ground:

- Reinforced CONCRETE proven to a maximum depth of 0.28mbgl, observed in all locations.
- Variable gravelly clayey fine to coarse SAND proven to a maximum depth of 0.90mbgl, observed in WS1, WS4A, WS9 and WS10 only.
- Variable sandy clayey GRAVEL proven to a maximum depth of 1.50mbgl, observed in all locations except WS1, WS4A, WS9 and WS10.
- Variable gravelly sandy CLAY proven to a maximum depth of 2.00mbgl, observed in WS2, WS3A, WS8, WS9 and WS10 only.

Oadby Member:

- Variable gravelly sandy CLAY proven to a maximum depth of 4.80mbgl, observed in WS1, WS4A and WS7 only.
- CLAY proven to a maximum depth of 3.60mbgl, observed in WS5 and WS7 only.
- Gravelly CLAY proven to a maximum depth of 5.00mbgl, observed in WS7, WS8 and WS10.
- Clayey slightly gravelly fine to coarse SAND proven to a maximum depth of 5.00mbgl, observed in WS7 only.

The generalised ground model can be described as Made Ground (proven to a maximum base depth of 2.00mbgl) over variable gravelly sandy clays, gravelly clays and gravelly clayey sands of the Oadby Member (proven to a maximum base depth of 5.00mbgl).

The depths at which each stratum was encountered in each exploratory hole is provided within the borehole logs presented within Appendix 1.

4.2 Obstructions

During the site investigation, WS3 and WS4 were aborted at 0.28mbgl and 0.35mbgl due to encountering very dense strata beneath the concrete.

WS4A, WS5 and WS10 refused at 2.00mbgl in the Very stiff clays of the Oadby Member.

WS1, WS2, WS3A, WS6, and WS9 all refused in the Made Ground materials between 0.54mbgl – 2.00mbgl.

WS7 and WS8 both achieved the target depth of 5.00mbgl and did not encounter any obstructions.

4.3 Groundwater

During the ground investigation groundwater was not encountered in any of the boreholes drilled.

5.0 GROUND GAS CONTAMINATION RISK ASSESSMENT

A ground gas risk assessment has been completed for the assessment site based on monitoring data collected from the installations constructed as part of the recent ground investigation works. Monitoring wells were installed in WS1, WS2, WS3A, WS4A, WS5, WS7, WS8, WS9 and WS10 with response zones placed with the shallow underlying Made Ground or Natural Oadby Member.

A total of four full rounds of ground gas monitoring were completed between the 30th of October 2025 and the 11th of December 2025, with an additional round of monitoring undertaken from WS9 on the 18th of December 2025 (due to this location being obstructed on previous rounds). Wherever possible, monitoring rounds were targeted to coincide with falling atmospheric pressure events. Detailed results from the monitoring are provided within Appendix 2.

During monitoring the atmospheric pressure was recorded as between 984-1000mb and the following ranges of gas concentrations were identified: Oxygen (O₂) levels ranging from 8.3 – 20.8% by volume, 0% Methane (CH₄), Carbon Dioxide (CO₂) levels ranging from <0.1-4.6% by volume.

Photoionization Testing did not detect any VOC concentrations above the units limit of detection during monitoring.

Ground gas flow rates were also recorded; however, a general lack of flow was noted across all of the rounds of monitoring. A single elevated flow rate of 0.3l/hr was noted in WS7 during the second round of monitoring. During all other monitoring rounds, and at all other locations, no flow rates above the equipment limit of detection (0.1l/hr) was noted.

Elevated concentrations of Carbon Monoxide (CO) were identified ranging from <1.0-1360ppm and Hydrogen Sulphide (H₂S) ranging from <1.0-5190ppm.

When reviewing the elevated levels of H₂S during the third and fourth rounds, EEGSL concluded that it was unlikely that H₂S could have been present at such concentrations, and that either an instrument malfunction had occurred, or false readings were being generated by another gas present but not detected. At the time of the monitoring, EEGSL were not aware that the site had previously been in use as a colliery. Further ground investigation works have since been discussed with the client and are planned to be completed in January 2026. The risk associated with H₂S and CO will therefore be completed separately.

For the remainder of this assessment, the risks posed by Methane (CH₄) and Carbon Dioxide (CO₂) will be assessed and discussed in line with guidance set out within BS8485.

The potential risk associated with ground gases (whether from natural or man-made sources) is dependent on the concentration of gas and its flow rate to the surface. These factors are assessed by the monitoring of borehole installations over varying atmospheric conditions. The variable nature of gas generation and the effect of barometric pressure on gas flow, means that the volume of gas potentially reaching the ground surface can vary over time.

For the assessment of development sites, in terms of the potential for ground gas to present a hazard, the risk-based methodology detailed in BS8485 has been used. This is a risk-based approach that is intended to allow the design of gas protection measures for development by comparing hazardous gas flow rates (Qhgs) to Characteristic Situations as detailed within Table

1 of BS8485 (reproduced in Table 3 for reference). The Qhgs are calculated as the borehole flow rate multiplied by the concentration in the air stream of the particular gas being considered.

For the purposes of this evaluation, the calculations will be carried out for both Carbon Dioxide (CO₂) and Methane (CH₄). From the monitoring works the flow rate and gas concentration in each borehole from each round has been used to calculate Qhgs for each individual borehole for Carbon Dioxide and Methane. This analysis will give the best representative assessment of the risks posed by ground gasses at the assessment site. A table summarising the Qhgs and the associated Characteristic Situations is presented in Table 2.

Table 2: Ground Gas Risk Screening Table

Monitoring Round	Ground Gas data	WS1	WS2	WS3A	WS4A	WS5	WS7	WS8	WS9	WS10
1	Max Flow	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Max CO2	1.0	2.6	<0.1	<0.1	<0.1	0.6	3.9	<0.1	0.3
	Max CH4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Qhgs CO2	0.001	0.0026	0.0001	0.0001	0.0001	0.0006	0.0039	0.0001	0.0003
	Qhgs CH4	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
	Characteristic Situation	1	1	1	1	1	1	1	1	1
2	Max Flow	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	N/A	<0.1
	Max CO2	1.1	3.4	<0.1	<0.1	<0.1	0.2	1.9	N/A	<0.1
	Max CH4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	N/A	<0.1
	Qhgs CO2	0.0011	0.0034	0.0001	0.0001	0.0001	0.0006	0.0019	N/A	0.0001
	Qhgs CH4	0.0001	0.0001	0.0001	0.0001	0.0001	0.0003	0.0001	N/A	0.0001
	Characteristic Situation	1	1	1	1	1	1	1	N/A	1
3	Max Flow	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	N/A	<0.1
	Max CO2	1.1	3.5	<0.1	<0.1	<0.1	0.4	4.5	N/A	0.2
	Max CH4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	N/A	<0.1
	Qhgs CO2	0.0011	0.0035	0.0001	0.0001	0.0001	0.0004	0.0045	N/A	0.0002
	Qhgs CH4	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	N/A	0.0001
	Characteristic Situation	1	1	1	1	1	1	1	N/A	1
4	Max Flow	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1*	WF
	Max CO2	0.6	3.5	<0.1	<0.1	<0.1	0.2	4.6	<0.1*	WF
	Max CH4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1*	WF
	Qhgs CO2	0.0006	0.0035	0.0001	0.0001	0.0001	0.0002	0.0046	0.0001*	WF
	Qhgs CH4	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001*	WF
	Characteristic Situation	1	1	1	1	1	1	1	1*	WF

N/A – Well inaccessible WF – Well Flooded with water. * Round 5 data due to the hole not being accessible in Round 4.

As can be seen from Table 3, the calculated hazardous gas flow rates all sit well within the bounds of a Characteristic Situation 1 Scenario for Methane and Carbon Dioxide.

Given the above, it is recommended that for Carbon dioxide and Methane, the site be classed as a Characteristic Gas Situation 1 (Very Low Risk), with no ground gas protection measures required to protect against these gasses.

**Table 3: Characteristic gas situation by site characteristic hazardous gas flow rate
(BS 8485)**

<i>Characteristic Gas Situation</i>	<i>Hazard Potential</i>	<i>Site characteristic hazardous gas flow rate, Qhgs (lh-1)</i>	<i>Additional Factors</i>
1	Very Low Risk	<0.07	Typically, methane ≤1%v/v and/or carbon dioxide ≤5% v/v. Otherwise consider increase to Situation 2.
2	Low Risk	<0.7	Borehole flow rate not to exceed 70l/hr. Otherwise characteristic gas regime.
3	Moderate Risk	<3.5	
4	Moderate to High Risk	<15	
5	High Risk	<70	
6	Very High Risk	>70	

6.0 CONCLUSIONS AND RECOMMENDATIONS

EEGSL were commissioned by the client to install ground gas monitoring wells and to complete a ground gas risk assessment for the Aldi Distribution Centre, Bardon, LE67 1GE.

The works were completed between October and December 2025, with four rounds of monitoring completed from 9 installed boreholes.

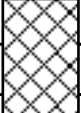
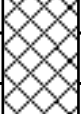
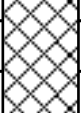
A gas risk assessment has been completed inline with BS8485 for both Carbon Dioxide and Methane. This assessment has proven the site to be within Characteristic Gas Situation 1 (Very Low Risk). This assessment would suggest ground gas protection measures for both Carbon Dioxide and Methane are not required.

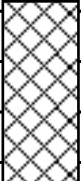
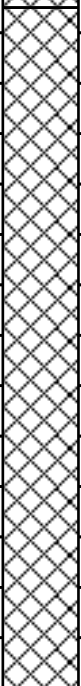
6.1 Other Matters

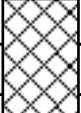
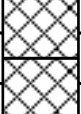
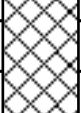
As part of the current assessment elevated levels of Carbon Monoxide and Hydrogen Sulphide have been detected, and therefore recommendations for additional works have been provided and a separate assessment for Carbon Monoxide and Hydrogen Sulphide is planned to be completed in January / February 2026.

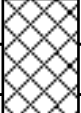
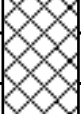
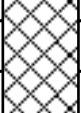
Due diligence is required during the construction period, and should any evidence of unknown contamination be found, appropriate investigation and assessment should be taken. The significance of any contamination not discovered by this investigation is outside the scope of this report.

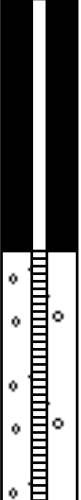
APPENDIX 1
EXPLORATORY HOLE LOGS

			Project Title: ALDI Nailstone				WS1																																																	
			Project Number: R5322		Client: Moortown Group																																																			
			GL (mAOD): 0		N Coord: 0		E Coord: 0																																																	
Date: 23/10/2025			Method: Window Sampler		Driller: PM Sampling		Logged By: AT																																																	
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe																																																
			-0.21		0.21	MADE GROUND: Reinforced CONCRETE.																																																		
			-0.9		0.90	MADE GROUND: Grey mottled reddish brown gravelly slightly clayey fine to coarse SAND. Gravel is angular to subrounded fine to coarse limestone, concrete, brick, quartzite and flint.																																																		
					1.00	Stiff reddish brown slightly gravelly slightly sandy CLAY. Gravel is angular to subangular fine to coarse sandstone and mudstone. Sand is fine to coarse. (OADBY MEMBER)																																																		
					2.00	End Of Borehole At 2.00 m																																																		
KEY D - Disturbed Sample B - Bulk Sample U - Undisturbed W - Water Sample S - Standard Penetration Test C - Cone Penetration Test N - Penetration Test 'N' Value V - Hand Shear Vane kPa  - Groundwater Strike  - Groundwater Level			REMARKS 1. Location scanned with a CAT and Genny to check for buried services. 2. Borehole terminated at 2.00mbgl due to refusal on hard strata. 3. Borehole installed with 50mm HDPE standpipe to 2.00mbgl. 4. Groundwater was not encountered. Scale: 1:15			Water Strikes <table border="1"> <thead> <tr> <th>Date</th> <th>Strike</th> <th>Level</th> <th>Minutes</th> <th>Casing</th> <th>Sealed</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			Date	Strike	Level	Minutes	Casing	Sealed																																										
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 EARTH ENVIRONMENTAL & GEOTECHNICAL A Technica Group Company			Project Title: ALDI Nailstone				WS2 Sheet 1 Of 1																																																																																		
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			-0.28		0.28	MADE GROUND: Reinforced CONCRETE.																																																																																			
			-0.65		0.65	MADE GROUND: Grey sandy slightly clayey angular to subangular fine to coarse GRAVEL of brick, limestone, concrete, quartzite and flint. Sand is fine to coarse.																																																																																			
					1.00	MADE GROUND: Stiff reddish brown gravelly slightly sandy CLAY. Gravel is angular to subrounded fine to coarse brick, limestone and mudstone. Sand is fine to coarse.																																																																																			
					2.00	End Of Borehole At 2.00 m																																																																																			
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			Project Title: ALDI Nailstone				WS3A					
			Project Number: R5322		Client: Moortown Group							
			GL (mAOD): 0		N Coord: 0		E Coord: 0					
Date: 23/10/2025			Method: Window Sampler		Driller: PM Sampling		Logged By: AT					
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe				
			-0.21		0.21	MADE GROUND: Reinforced CONCRETE.						
			-0.55		0.55	MADE GROUND: Grey sandy slightly clayey angular to subangular fine to coarse GRAVEL of brick, concrete, limestone, quartzite and flint. Sand is fine to coarse.						
					1.00	MADE GROUND: Firm dark brownish grey gravelly sandy CLAY. Gravel is angular to subrounded fine to coarse brick, limestone, mudstone, quartzite and flint. Sand is fine to coarse.						
					2.00	End Of Borehole At 2.00 m						
KEY D - Disturbed Sample B - Bulk Sample U - Undisturbed W - Water Sample S - Standard Penetration Test C - Cone Penetration Test N - Penetration Test 'N' Value V - Hand Shear Vane kPa  - Groundwater Strike  - Groundwater Level 			REMARKS 1. Location scanned with a CAT and Genny to check for buried services. 2. Borehole terminated at 2.00mbgl due to refusal on hard strata. 3. Borehole installed with 50mm HDPE standpipe to 2.00mbgl. 4. Groundwater was not encountered. Scale: 1:15				Water Strikes					
							Date	Strike	Level	Minutes	Casing	Sealed
Daily Log Of Depths						Chiselling						
						Date	Casing	Water	From	To	Hours	

			Project Title: ALDI Nailstone				WS4A																																																	
			Project Number: R5322		Client: Moortown Group					Sheet 1 Of 1																																														
			GL (mAOD): 0		N Coord: 0		E Coord: 0																																																	
Date: 23/10/2025			Method: Window Sampler		Driller: PM Sampling		Logged By: AT																																																	
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe																																																
			-0.21		0.21	MADE GROUND: Reinforced CONCRETE.																																																		
			-0.9		0.90	MADE GROUND: Grey mottled reddish brown gravelly slightly clayey fine to coarse SAND. Gravel is angular to subrounded fine to coarse limestone, concrete, brick, quartzite and flint.																																																		
					1.00	Stiff reddish brown slightly gravelly slightly sandy CLAY. Gravel is angular to subangular fine to coarse sandstone and mudstone. Sand is fine to coarse. (OADBY MEMBER)																																																		
					2.00	End Of Borehole At 2.00 m																																																		
KEY D - Disturbed Sample B - Bulk Sample U - Undisturbed W - Water Sample S - Standard Penetration Test C - Cone Penetration Test N - Penetration Test 'N' Value V - Hand Shear Vane kPa  - Groundwater Strike  - Groundwater Level			REMARKS 1. Location scanned with a CAT and Genny to check for buried services. 2. Borehole terminated at 2.00mbgl due to refusal on hard strata. 3. Borehole installed with 50mm HDPE standpipe to 2.00mbgl. 4. Groundwater was not encountered. Scale: 1:15			Water Strikes <table border="1"> <tr> <th>Date</th> <th>Strike</th> <th>Level</th> <th>Minutes</th> <th>Casing</th> <th>Sealed</th> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>			Date	Strike	Level	Minutes	Casing	Sealed																																										
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Date	Casing	Water	From	To	Hours																																																			

 EARTH ENVIRONMENTAL & GEOTECHNICAL A Technics Group Company			Project Title: ALDI Nailstone				WS5																															
			Project Number: R5322		Client: Moortown Group		Sheet 1 Of 1																															
			GL (mAOD): 0		N Coord: 0		E Coord: 0																															
Date: 22/10/2025			Method: Window Sampler		Driller: PM Sampling		Logged By: AT																															
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe																														
			-0.19		0.19	MADE GROUND: Reinforced CONCRETE.																																
					1.00	MADE GROUND: Greyish brown sandy subangular to rounded fine to coarse GRAVEL of brick, quartzite, flint and sandstone. Sand is fine to coarse.																																
			-1.5		1.50	MADE GROUND: Reddish brown mottled grey clayey slightly sandy subangular to rounded fine to coarse GRAVEL of quartzite and flint. Sand is fine to coarse.																																
			-1.7		1.70	Soft reddish brown CLAY. (OADBY MEMBER)																																
					2.00	End Of Borehole At 2.00 m																																
KEY			REMARKS			Water Strikes																																
D - Disturbed Sample B - Bulk Sample U - Undisturbed W - Water Sample S - Standard Penetration Test C - Cone Penetration Test N - Penetration Test 'N' Value V - Hand Shear Vane kPa ▽ - Groundwater Strike ▼ - Groundwater Level 			1. Location scanned with a CAT and Genny to check for buried services. 2. Borehole terminated at 2.00mbgl due to refusal on hard strata. 3. Borehole collapsed from 2.00mbgl to 1.00mbgl following the completion of the drilling. 4. Borehole installed with 50mm HDPE standpipe to 1.00mbgl. 5. Groundwater was not encountered. Scale: 1:15			<table><tr><th>Date</th><th>Strike</th><th>Level</th><th>Minutes</th><th>Casing</th><th>Sealed</th></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>			Date	Strike	Level	Minutes	Casing	Sealed																								
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Date	Casing	Water	From	To	Hours																																	

			Project Title: ALDI Nailstone				WS6			
			Project Number: R5322		Client: Moortown Group					
			GL (mAOD): 0		N Coord: 0		E Coord: 0			
Date: 22/10/2025			Method: Window Sampler		Driller: PM Sampling		Logged By: AT			
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe		
			-0.2		0.20	MADE GROUND: Reinforced CONCRETE.				
			-0.54		0.54	MADE GROUND: Grey mottled brown sandy slightly clayey subangular to subrounded fine to coarse GRAVEL of mudstone, quartzite, flint and concrete. Sand is fine to coarse.				
						End Of Borehole At 0.54 m				
					1.00					
					2.00					
KEY D - Disturbed Sample B - Bulk Sample U - Undisturbed W - Water Sample S - Standard Penetration Test C - Cone Penetration Test N - Penetration Test 'N' Value V - Hand Shear Vane kPa  - Groundwater Strike  - Groundwater Level			REMARKS 1. Location scanned with a CAT and Genny to check for buried services. 2. Borehole terminated at 0.54mbgl due to refusal on hard strata. 3. Borehole backfilled with arisings and finished with concrete. 4. Groundwater was not encountered. Scale: 1:15			Water Strikes				
						Date	Strike	Level	Minutes	Casing
						Daily Log Of Depths			Chiselling	
						Date	Casing	Water	From	To

			Project Title: ALDI Nailstone				WS7				
			Project Number: R5322		Client: Moortown Group						
			GL (mAOD): 0		N Coord: 0		E Coord: 0				
Date: 22/10/2025			Method: Window Sampler		Driller: PM Sampling		Logged By: AT				
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe			
			-0.18		0.18	MADE GROUND: Reinforced CONCRETE. MADE GROUND: Grey mottled brown sandy clayey angular to subrounded fine to coarse GRAVEL of clinker, concrete, quartzite, flint and limestone. Sand is fine to coarse.					
			-0.6		0.60						
					1.00	Firm reddish brown sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse quartzite, limestone, sandstone and flint. Sand is fine to coarse. (OADBY MEMBER)					
					2.00						
			-2.2		2.20	Soft reddish brown slightly gravelly slightly sandy CLAY. Gravel is angular to subrounded fine to coarse limestone, quartzite, sandstone and flint. Sand is fine to coarse. (OADBY MEMBER)					
					3.00						
			-3.3		3.30	Soft reddish brown CLAY. (GUNTHORPE MEMBER)					
			-3.6		3.60						
					4.00	Very stiff reddish brown slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse mudstone. (GUNTHORPE MEMBER)					
			-4.2		4.20						
	4.80	Soft reddish brown sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse sandstone and mudstone. Sand is fine to coarse. (GUNTHORPE MEMBER)									
-4.8	5.00										
	6.00	Reddish brown mottled yellow clayey slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to medium sandstone, quartzite and mudstone. (GUNTHORPE MEMBER) End Of Borehole At 5.00 m									
KEY D - Disturbed Sample B - Bulk Sample U - Undisturbed W - Water Sample S - Standard Penetration Test C - Cone Penetration Test N - Penetration Test 'N' Value V - Hand Shear Vane kPa ▽ - Groundwater Strike ▼ - Groundwater Level 			REMARKS 1. Location scanned with a CAT and Genny to check for buried services. 2. Borehole terminated at the target depth of 5.00mbgl. 3. Borehole installed with 50mm HDPE standpipe to 5.00mbgl. 4. Groundwater was not encountered. Scale: 1:40			Water Strikes					
						Date	Strike	Level	Minutes	Casing	Sealed
						Daily Log Of Depths			Chiselling		
						Date	Casing	Water	From	To	Hours

			Project Title: ALDI Nailstone				WS9					
			Project Number: R5322		Client: Moortown Group		Sheet 1 Of 1					
			GL (mAOD): 0		N Coord: 0		E Coord: 0					
Date: 22/10/2025			Method: Window Sampler		Driller: PM Sampling		Logged By: AT					
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe				
			-0.18		0.18	MADE GROUND: Reinforced CONCRETE.						
			-0.6		0.60	MADE GROUND: Grey gravelly slightly clayey fine to coarse SAND. Gravel is angular to subrounded fine to coarse concrete, brick, quartzite, mudstone and flint. Sand is fine to coarse.						
					1.00	MADE GROUND: Stiff dark brownish grey gravelly slightly sandy CLAY. Gravel is subangular to subrounded fine to coarse brick, sandstone and mudstone. Sand is fine to coarse.						
					2.00	End Of Borehole At 2.00 m						
KEY D - Disturbed Sample B - Bulk Sample U - Undisturbed W - Water Sample S - Standard Penetration Test C - Cone Penetration Test N - Penetration Test 'N' Value V - Hand Shear Vane kPa  - Groundwater Strike  - Groundwater Level 			REMARKS 1. Location scanned with a CAT and Genny to check for buried services. 2. Borehole terminated at 2.00mbgl due to refusal on hard strata. 3. Borehole installed with 50mm HDPE standpipe to 2.00mbgl. 4. Groundwater was not encountered. Scale: 1:15				Water Strikes					
							Date	Strike	Level	Minutes	Casing	Sealed
Daily Log Of Depths						Chiselling						
						Date	Casing	Water	From	To	Hours	

			Project Title: ALDI Nailstone				WS10																																																													
			Project Number: R5322		Client: Moortown Group																																																															
			GL (mAOD): 0		N Coord: 0		E Coord: 0																																																													
Date: 22/10/2025			Method: Window Sampler		Driller: PM Sampling		Logged By: AT																																																													
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	Standpipe																																																												
			-0.2		0.20	MADE GROUND: Reinforced CONCRETE.																																																														
			-0.9		0.90	MADE GROUND: Brownish grey gravelly slightly clayey fine to coarse SAND. Gravel is angular to subrounded fine to coarse brick, concrete, quartzite, flint and limestone.																																																														
					1.00	MADE GROUND: Stiff greyish brown slightly gravelly slightly sandy CLAY. Gravel is subangular to subrounded fine to coarse brick, quartzite and flint.																																																														
						Stiff black slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse mudstone and sandstone. (OADBY MEMBER)																																																														
						1.70 - 1.80 layer of extremely weak mudstone.																																																														
						1.80 - 2.00 becomes reddish brown.																																																														
					2.00	End Of Borehole At 2.00 m																																																														
KEY D - Disturbed Sample B - Bulk Sample U - Undisturbed W - Water Sample S - Standard Penetration Test C - Cone Penetration Test N - Penetration Test 'N' Value V - Hand Shear Vane kPa  - Groundwater Strike  - Groundwater Level			REMARKS 1. Location scanned with a CAT and Genny to check for buried services. 2. Borehole terminated at 2.00mbgl due to refusal on hard strata. 3. Borehole installed with 50mm HDPE standpipe to 2.00mbgl. 4. Groundwater was not encountered. Scale: 1:15			Water Strikes <table border="1"> <thead> <tr> <th>Date</th> <th>Strike</th> <th>Level</th> <th>Minutes</th> <th>Casing</th> <th>Sealed</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">Daily Log Of Depths</th> <th colspan="3">Chiselling</th> </tr> <tr> <th>Date</th> <th>Casing</th> <th>Water</th> <th>From</th> <th>To</th> <th>Hours</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			Date	Strike	Level	Minutes	Casing	Sealed																									Daily Log Of Depths			Chiselling			Date	Casing	Water	From	To	Hours																		
Date	Strike	Level	Minutes	Casing	Sealed																																																															
Daily Log Of Depths			Chiselling																																																																	
Date	Casing	Water	From	To	Hours																																																															

APPENDIX 2

GAS MONITORING RESULTS

Gas Monitoring Record

Project Number:	RS322
Project Name:	Aid Distribution Centre
Date:	30/10/2025
Logger:	AZ

Weather: Cloudy and cold

*mtyl - Meters below Ground Level

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbgl ¹)	Borehole Base (mbgl ²)	Comments		
Borehole ID	WS1	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dry	2.03				
Flow Rate (l/hr)	0	CO2 (%)	0	0.8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				Flow Rate (l/hr)	0	
Atmospheric Pressure (mbar)	985	O2 (%)	20.8	19	18.3	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.4	18.4				Atmospheric Pressure (mbar)	985	
Borehole Pressure (Pa)	0	CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Borehole Pressure (Pa)	0	
Time	09:54	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Time	10:02	
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
Borehole ID	WS2	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dry	2.01				
Flow Rate (l/hr)	0	CO2 (%)	0	1.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6				Flow Rate (l/hr)	0	
Atmospheric Pressure (mbar)	985	O2 (%)	20.7	16.2	14.7	14.7	14.7	14.6	14.6	14.6	14.6	14.6	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5				Atmospheric Pressure (mbar)	985	
Borehole Pressure (Pa)	0	CO (ppm)	0	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Borehole Pressure (Pa)	0	
Time	10:30	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Time	10:40	
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
Borehole ID	WS4A	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	1.91				
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Flow Rate (l/hr)	0	
Atmospheric Pressure (mbar)	985	O2 (%)	20.8	17.8	16.2	14.5	15.1	15.5	15.9	16.6	16.8	17.4	17.6	17.9	18.3	18.5	18.7	19	19.4	20.5				Atmospheric Pressure (mbar)	985	
Borehole Pressure (Pa)	0	CO (ppm)	0	17	22	22	22	22	22	22	22	22	25	22	20	20	19	17	15	13				10	Borehole Pressure (Pa)	0
Time	10:53	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Time	11:01	
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
Borehole ID	WS5	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dry	1				
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Flow Rate (l/hr)	0	
Atmospheric Pressure (mbar)	984	O2 (%)	20.8	20.7	20.6	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5				Atmospheric Pressure (mbar)	984	
Borehole Pressure (Pa)	0	CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Borehole Pressure (Pa)	0	
Time	11:17	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Time	11:26	
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
Borehole ID	WS7	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dry	4.93				
Flow Rate (l/hr)	0	CO2 (%)	0	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3				Flow Rate (l/hr)	0	
Atmospheric Pressure (mbar)	985	O2 (%)	20.8	20	19.2	19.2	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.4	19.4	19.5	19.5	19.7	20				Atmospheric Pressure (mbar)	985	
Borehole Pressure (Pa)	-1	CO (ppm)	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	0				Borehole Pressure (Pa)	0	
Time	11:38	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Time	11:48	
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
Borehole ID	WS8	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.91	2.04				
Flow Rate (l/hr)	0	CO2 (%)	0	1.3	3.9	3.8	3.8	3.5	3.4	3.4	3.2	3	3	2.8	2.7	2.7	2.6	2.4	2.3	2.2				Flow Rate (l/hr)	0	
Atmospheric Pressure (mbar)	984	O2 (%)	20.2	14.8	11.3	11.4	11.6	12.1	12.3	12.6	12.9	13.2	13.4	13.6	13.7	13.7	14	14.4	14.9	14.4				Atmospheric Pressure (mbar)	984	
Borehole Pressure (Pa)	0	CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Borehole Pressure (Pa)	1416	
Time	12:01	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Time	12:14	
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
Borehole ID	WS9	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.24	1.98				
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Flow Rate (l/hr)	0	
Atmospheric Pressure (mbar)	985	O2 (%)	20.7	15	12.3	10.1	8.5	8.5	8.4	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.3				Atmospheric Pressure (mbar)	985	
Borehole Pressure (Pa)	0	CO (ppm)	0	40	80	121	144	165	174	176	179	180	181	180	179	180	181	182	183	180				Borehole Pressure (Pa)	0	
Time	12:23	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Time	12:36	
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
Borehole ID	WS10	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dry	1.91				
Flow Rate (l/hr)	0	CO2 (%)	0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2				Flow Rate (l/hr)	0	
Atmospheric Pressure (mbar)	984	O2 (%)	20.6	15.8	14.3	12.9	12.8	12.7	12.7	12.7	12.7	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6				Atmospheric Pressure (mbar)	984	
Borehole Pressure (Pa)	0	CO (ppm)	0	0	10	20	22	22	22	22	22	22	22	22	22	22	22	22	22	22				Borehole Pressure (Pa)	0	
Time	12:52	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Time	13:01	
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
Borehole ID	WS3A	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.02	1.93				
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Flow Rate (l/hr)	0	
Atmospheric Pressure (mbar)	984	O2 (%)	20.7	16.5	18	18	18	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9				Atmospheric Pressure (mbar)	984	
Borehole Pressure (Pa)	0	CO (ppm)	0	12	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24				Borehole Pressure (Pa)	0	
Time	13:12	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				Time	13:23	
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					

Gas Monitoring Record

Project Number:	R5322
Project Name:	Aldi Distribution Centre
Date:	13/11/2025
Logger	A7

Weather:	Sunny
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*mbgl - Meters below Ground Level

			Initial	10 sec	20 sec	30 sec	40 sec	50 sec	60 sec	70 sec	80 sec	90 sec	100 sec	110 sec	120 sec	130 sec	140 sec	150 sec	160 sec	180 sec	200 sec	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mgt)	Biochlore Bases (mbgt)	Comments
Borehole ID	WS1	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Flow Rate (l/hr)	0	CO2 (%)	0	0.4	0.6	1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	Flow Rate (l/hr)			
Atmospheric Pressure (mbar)	985	CO (%)	20.8	20.7	19.5	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	Atmospheric Pressure (mbar)			
Borehole Pressure (Pa)		CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Borehole Pressure (Pa)			
Time	11:04	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time			
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC			

		Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mngf)	Borehole Base (mngf)	Comments
Borehole ID	WS2	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Flow Rate (l/hr)	0	CO2 (%)	0	0.9	3.1	3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0			
Atmospheric Pressure (mbar)	984	CO2 (%)	20.7	16.6	16.9	16.8	16.6	16.6	16.6	16.6	16.6	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	984			
Borehole Pressure (Pa)	0	CO2 (ppm)	0	13	18	15	12	10	0	0	0	0	0	0	0	0	0	0	0	0			
Time	10:20	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time	10:34		
Peak VOC	LEL (%)	LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC			

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	200 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mngt)	Borehole Base (mngt)	Comments	
Borehole ID	W33A	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)	0			
Atmospheric pressure (mbar)	995	O2 (%)	20.7	20	16.1	15.3	15.2	15.3	15.3	15.5	15.6	15.8	15.8	16	16.2	16.3	16.3	16.4	16.6	17.1	17.1	17.1	Atmospheric Pressure (mbar)	995	1.07	1.93	
Borehole Pressure (Pa)	0	CO (ppm)	0	0	0	10	10	15	15	17	18	18	17	17	17	17	15	15	15	15	12	12	Borehole Pressure (Pa)	0			
Time	10:50	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time	11:00			
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC				

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	200 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbgl)	Biochlore BSS (mbgl)	Comments
Borehole ID	W36A	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)	0		
Atmospheric Pressure (mbarg)	985	O2 (%)	20.6	19.5	14.2	14	13.8	13.9	14.4	14.7	15	15.3	15.6	15.9	16.5	16.6	16.8	17.2	17.8	18.8	Atmospheric Pressure (mbarg)	985	0.30	1.9	
Borehole Pressure (Pa)	0	CO (ppm)	0	20	20	20	20	20	20	20	20	20	19	19	19	19	19	19	19	19	Borehole Pressure (Pa)	0			
Time	11:18	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time	11:28			
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC				

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	200 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbg)	Borehole Base (mbg)	Comments
Borehole ID	W55	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)	0		
Atmospheric Pressure (mbars)	986	CO (%)	20.7	20.7	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.3	Atmospheric Pressure (mbars)	986		
Borehole Pressure (Pa)	0	CO (ppm)	0	10	10	10	10	0	0	10	10	0	0	0	0	0	0	0	0	0	0	Borehole Pressure (Pa)	0		
Time	11:38	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time	11:49		
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC			

		Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	180 secs	300 secs	Steady State Flow Readings (taken after gpr readings)	Groundwater Level (mngt)	Borehole Base (mngt)	Comments
Borehole ID	WS7	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Flow Rate (l/hr)	0.3	CO2 (%)	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	Flow Rate (l/hr)	0		
Atmospheric Pressure (mbar)	985	O2 (%)	20.7	20	23	27	14.5	1.2	0.8	0.4	0.5	0.7	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0	985		
Borehole Pressure (Psi)	5	CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Borehole Pressure (Pa)	6		
Time	12:00	H2O (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time	12:26		
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC			

				Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mmHg)	Borehole Base (mmHg)	Comments	
Borehole ID	WS8	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Flow Rate (l/hr)	-7.7	CO2 (%)	0	0	0.8	1.8	1.8	1.8	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	Flow Rate (l/hr)		0		
Atmospheric Pressure (mbar)	995	O2 (%)	20.7	19.6	16	15.7	15.5	15.3	15.4	15.4	15.5	15.5	15.6	15.6	15.7	15.7	15.8	15.8	15.8	15.8	16.4	Atmospheric Pressure (mbar)	995	0.66	2.03	Peak flow -7.7 l/hr. Fault with gas monitor
Borehole Pressure (Pa)	-462	CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Borehole Pressure (Pa)	0			
Time	12:54	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time		13:11		
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC				

		Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mngt)	Borehole Base (mngt)	Comments
Borehole ID	W510	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)	0		
Atmospheric Pressure (mbar)	586	CO2 (%)	20.8	19.6	14	12.7	12.7	12.8	12.9	15.1	13.7	14.2	14.8	15.2	15.6	15.9	16.3	16.7	17.6	19.5	Atmospheric Pressure (mbar)	586	0.35	1.91
Borehole Pressure (Pa)	0	DQ (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Borehole Pressure (Pa)	0		
Time	13:36	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time	13:44		
Peak VOC	L4L (%)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC			

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mngt)	Borehole Base (mngt)	Comments		
Borehole ID	WS9	CH4 (%)																							WS9 inaccessible due to being blocked by machinery and pallets of materials.		
Flow Rate (l/hr)		CO2 (%)																					Flow Rate (l/hr)				
Atmospheric Pressure (mbar)		O2 (%)																						Atmospheric Pressure (mbar)			
Borehole Pressure (Pa)		CO (ppm)																						Borehole Pressure (Pa)			
Time		H2S (ppm)																						Time			
Peak VOC		LRI (%)																						Peak VOC			

Gas Monitoring Record

Project Number:	RS322
Project Name:	ALDI RDC
Date:	26/11/2025
Logger:	TS

Weather: V COLD DRY

*mgl - Meters below Ground Level

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbg ¹)	Borehole Base (mbg ¹)	Comments		
Borehole ID	WS1	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)	0	1.92	2.03		
Flow Rate (l/hr)	0	CO2 (%)	0	0.4	0.9	1	1	1	1	1	1	1	1	1	1	1.1	1.1	1.1	1	1	Atmospheric Pressure (mbar)	996				
Atmospheric Pressure (mbar)	996	O2 (%)	20.7	20.7	19.5	19	18.9	18.7	18.9	19	19.1	19.2	19	18.8	19	19	19	19	19	19	Borehole Pressure (Pa)	0				
Borehole Pressure (Pa)	0	CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time	14:06				
Time	13:56	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbg ¹)	Borehole Base (mbg ¹)	Comments		
Borehole ID	WS2	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)	0	DRY	2		
Flow Rate (l/hr)	0	CO2 (%)	0	1.3	2.4	2.6	3.1	3	3.4	3.5	3.5	3.4	3.5	3.5	3.4	3.2	3.2	3.2	3.2	3	Atmospheric Pressure (mbar)	998				
Atmospheric Pressure (mbar)	998	O2 (%)	20.7	19.2	18.3	18.6	18.3	18.2	17.1	16.4	16.2	15.9	15.7	15.8	16.7	15.6	15.4	15.4	15.6	16.2	Borehole Pressure (Pa)	0				
Borehole Pressure (Pa)	0	CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time	13:55				
Time	13:45	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbg ¹)	Borehole Base (mbg ¹)	Comments		
Borehole ID	WS3A	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)	0	0.8	1.9		
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Atmospheric Pressure (mbar)	998				
Atmospheric Pressure (mbar)	998	O2 (%)	20.7	18.5	13.3	12.8	11	10.8	10.6	10.6	10.5	10.5	10.4	10.3	10.3	10.2	10.2	10.2	10.2	9.9	Borehole Pressure (Pa)	0				
Borehole Pressure (Pa)	0	CO (ppm)	0	100	110	120	125	125	125	126	129	132	133	137	139	138	139	137	135	142	Time	13:00				
Time	12:50	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbg ¹)	Borehole Base (mbg ¹)	Comments		
Borehole ID	WS4A	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)	0	0.36	1.89		
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Atmospheric Pressure (mbar)	998				
Atmospheric Pressure (mbar)	998	O2 (%)	20.7	19	18	17.6	18.3	18.7	18.5	18.7	18.6	18.5	18.7	18.9	19.2	19.1	19.3	19.3	19.3	19.9	Borehole Pressure (Pa)	0				
Borehole Pressure (Pa)	0	CO (ppm)	0	130	180	198	200	206	210	204	204	205	210	200	198	199	197	198	195	175	Time	12:43				
Time	12:38	H2S (ppm)	0	25	0	25	25	25	25	25	25	25	25	25	25	25	25	25	25	0	Peak VOC	0				
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbg ¹)	Borehole Base (mbg ¹)	Comments		
Borehole ID	WS9	CH4 (%)																			Flow Rate (l/hr)		WS9 inaccessible due to being blocked by machinery and pallets of materials.			
Flow Rate (l/hr)		CO2 (%)																			Atmospheric Pressure (mbar)					
Atmospheric Pressure (mbar)		O2 (%)																			Borehole Pressure (Pa)					
Borehole Pressure (Pa)		CO (ppm)																			Time					
Time		H2S (ppm)																			Peak VOC					
Peak VOC		LEL (%)																			Peak VOC					
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbg ¹)	Borehole Base (mbg ¹)	Comments		
Borehole ID	WS7	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)	0	dry	4.97	Potential fault with gas kit	
Flow Rate (l/hr)	-13.3	CO2 (%)	0	0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	Atmospheric Pressure (mbar)	998				
Atmospheric Pressure (mbar)	998	O2 (%)	20.7	20.4	17	16.2	16	16	16	16	16	16	16	16	16	16	16	16	16	16	Borehole Pressure (Pa)	0				
Borehole Pressure (Pa)	-181	CO (ppm)	0	0	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	Time	13:00				
Time	11:27	H2S (ppm)	0	0	1200	4100	4800	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	Peak VOC	0				
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbg ¹)	Borehole Base (mbg ¹)	Comments		
Borehole ID	WS8	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)	0	0.56	2.02		
Flow Rate (l/hr)	0	CO2 (%)	0	1.1	2.5	3.5	3.5	3.7	3.8	4	4.2	4.2	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.5	Atmospheric Pressure (mbar)	998				
Atmospheric Pressure (mbar)	997	O2 (%)	20.7	19.1	18.9	18	17.9	17.8	17.8	17.5	17.4	17.3	17.3	17.3	17.2	17.2	17.2	17.2	17.2	17.2	Borehole Pressure (Pa)	0				
Borehole Pressure (Pa)	0	CO (ppm)	55	70	280	560	670	754	840	893	960	1002	1059	1075	1088	1123	1145	1186	1200	1286	Time	13:36				
Time	13:28	H2S (ppm)	0	0	25	30	40	55	60	70	80	85	80	85	90	95	100	105	110	120	Peak VOC	0				
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbg ¹)	Borehole Base (mbg ¹)	Comments		
Borehole ID	WS5	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)	0	dry	0.97		
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Atmospheric Pressure (mbar)	1000				
Atmospheric Pressure (mbar)	1000	O2 (%)	20.7	20.6	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	Borehole Pressure (Pa)	0				
Borehole Pressure (Pa)	0	CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time	11:11				
Time	11:06	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbg ¹)	Borehole Base (mbg ¹)	Comments		
Borehole ID	WS10	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)	0	0.3	1.9		
Flow Rate (l/hr)	0	CO2 (%)	0	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	Atmospheric Pressure (mbar)	997				
Atmospheric Pressure (mbar)	997	O2 (%)	20.7	19.9	19.6	19.7	19.7	19.7	19.8	19.9	19.9	20	20	20.1	20.1	20.1	20.1	20.1	20.1	20.6	Borehole Pressure (Pa)	0				
Borehole Pressure (Pa)	0	CO (ppm)	60	75	90	93	94	94	93	95	96	96	96	98	94	93	92	93	91	91	40	Time				13:20
Time	13:11	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC					

Gas Monitoring Record

Project Number:	RS322
Project Name:	ALDI RDC
Date:	11/12/2025
Logger:	TS

Weather:	COLD DRY SUNNY
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*mtyl - Meters below Ground Level

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbgl ¹)	Borehole Base (mbgl ²)	Comments	
Borehole ID	WS01	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1.9	2.03		
Flow Rate (l/hr)	0	CO2 (%)	0	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	Flow Rate (l/hr)				0
Atmospheric Pressure (mbar)	1000	O2 (%)	18	18	18	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	Atmospheric Pressure (mbar)				999
Borehole Pressure (Pa)	0	CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Borehole Pressure (Pa)				0
Time	09:09	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time				09:15
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC	0			
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbgl ¹)	Borehole Base (mbgl ²)	Comments	
Borehole ID	WS2	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		DRY	2		
Flow Rate (l/hr)	0	CO2 (%)	0	2	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	Flow Rate (l/hr)				0
Atmospheric Pressure (mbar)	998	O2 (%)	18	18	17.2	16.8	16.5	16.2	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	Atmospheric Pressure (mbar)				998
Borehole Pressure (Pa)	0	CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Borehole Pressure (Pa)				0
Time	09:28	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time				
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC	0			
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbgl ¹)	Borehole Base (mbgl ²)	Comments	
Borehole ID	WS3A	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1	1.9		
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)				0
Atmospheric Pressure (mbar)	996	O2 (%)	18	17.5	17.1	16.2	15.1	14.5	14.1	13.4	13.1	12.7	12.4	12.4	12.2	12.1	11.9	11.7	11.6	9.9		Atmospheric Pressure (mbar)				996
Borehole Pressure (Pa)	0	CO (ppm)	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	Borehole Pressure (Pa)				0
Time	09:44	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time				10:00
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC	0			
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbgl ¹)	Borehole Base (mbgl ²)	Comments	
Borehole ID	WS4A	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0.38	1.9		
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)				0
Atmospheric Pressure (mbar)	1000	O2 (%)	18	17.4	17.3	16.9	16.6	16.5	16.4	16.3	16.4	16.5	16.8	16.9	17.2	17.4	17.6	17.9	18	18.4		Atmospheric Pressure (mbar)				1000
Borehole Pressure (Pa)	0	CO (ppm)	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	Borehole Pressure (Pa)				0
Time	10:54	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time				11:03
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC	0			
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbgl ¹)	Borehole Base (mbgl ²)	Comments	
Borehole ID	WS7	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4.8	4.9		
Flow Rate (l/hr)	0	CO2 (%)	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1		Flow Rate (l/hr)				0
Atmospheric Pressure (mbar)	998	O2 (%)	18.5	17.9	16.2	15.9	16	16	16	16	16.1	16.2	16.2	16.2	16.3	16.4	16.5	16.6	16.7	17		Atmospheric Pressure (mbar)				999
Borehole Pressure (Pa)	0	CO (ppm)	0	300	1000	1240	1260	1300	1310	1360	1330	1300	1270	1220	1200	1100	1080	970	860	859	859	Borehole Pressure (Pa)				0
Time	11:24	H2S (ppm)	0	30	100	130	140	130	140	140	140	140	140	140	150	150	140	130	130	140	140	Time				11:32
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC	0			
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbgl ¹)	Borehole Base (mbgl ²)	Comments	
Borehole ID	WS6	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		DRY	1		
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Flow Rate (l/hr)				0
Atmospheric Pressure (mbar)	996	O2 (%)	18.5	18.2	18	18.1	18.3	18.4	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3		Atmospheric Pressure (mbar)				998
Borehole Pressure (Pa)	0	CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Borehole Pressure (Pa)				0
Time	11:15	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time				11:20
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC	0			
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbgl ¹)	Borehole Base (mbgl ²)	Comments	
Borehole ID	WS8	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0.5	2		
Flow Rate (l/hr)	0	CO2 (%)	0	2	4.1	4.2	4.4	4.5	4.6	4.6	4.6	4.6	4.6	4.5	4.2	4.1	3.8	3.6	3.5	3.1		Flow Rate (l/hr)				0
Atmospheric Pressure (mbar)	996	O2 (%)	18	16.5	16.1	16	15.5	15.3	15.1	14.8	14.6	14.2	13.7	13.2	12.1	11.9	11.7	11.3	11.1	7.8		Atmospheric Pressure (mbar)				996
Borehole Pressure (Pa)	0	CO (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Borehole Pressure (Pa)				0
Time	10:06	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Time				10:12
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Peak VOC	0			
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbgl ¹)	Borehole Base (mbgl ²)	Comments	
Borehole ID	WS9	CH4 (%)																							WS9 inaccessible due to being blocked by machinery and pallets of materials.	
Flow Rate (l/hr)		CO2 (%)																								
Atmospheric Pressure (mbar)		O2 (%)																								
Borehole Pressure (Pa)		CO (ppm)																								
Time		H2S (ppm)																								
Peak VOC		LEL (%)																								
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	160 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)	Groundwater Level (mbgl ¹)	Borehole Base (mbgl ²)	Comments	
Borehole ID	WS10	CH4 (%)																							WS10 borehole flooded with water.	
Flow Rate (l/hr)		CO2 (%)																								
Atmospheric Pressure (mbar)		O2 (%)																								
Borehole Pressure (Pa)		CO (ppm)																								
Time		H2S (ppm)																								
Peak VOC		LEL (%)																								

WS10 borehole flooded with water.

Gas Monitoring Record

Project Number:	R5322
Project Name:	ALDI RDC
Date:	18/12/2025
Logger	TS

Weather:	COOL OVERCAST
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*mbgl - Meters below Ground Level

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)		Groundwater Level (mbgl*)	Borehole Base (mbgl*)	Comments
Borehole ID	WS09	CH4 (%)	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-			0.1	1.98	WELL FLOODED GAS BOX PULING WATER AFTER 110 sec.
Flow Rate (l/hr)	0	CO2 (%)	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	Flow Rate (l/hr)	0			
Atmospheric Pressure (mbar)	988	O2 (%)	18.2	16.7	12.2	11.5	8.6	7.3	6.9	6.4	6.1	5.9	5.6	5.7	-	-	-	-	-	-	Atmospheric Pressure (mbar)	988			
Borehole Pressure (Pa)	0	CO (ppm)	0	10	10	15	15	16	18	19	20	22	23	22	-	-	-	-	-	-	Borehole Pressure (Pa)	0			
Time	09:04	H2S (ppm)	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	Time	09:06			
Peak VOC		LEL (%)	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	Peak VOC	0			
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)		Groundwater Level (mbgl*)	Borehole Base (mbgl*)	Comments
Borehole ID		CH4 (%)																							
Flow Rate (l/hr)		CO2 (%)																							
Atmospheric Pressure (mbar)		O2 (%)																							
Borehole Pressure (Pa)		CO (ppm)																							
Time		H2S (ppm)																							
Peak VOC		LEL (%)																							
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)		Groundwater Level (mbgl*)	Borehole Base (mbgl*)	Comments
Borehole ID		CH4 (%)																							
Flow Rate (l/hr)		CO2 (%)																							
Atmospheric Pressure (mbar)		O2 (%)																							
Borehole Pressure (Pa)		CO (ppm)																							
Time		H2S (ppm)																							
Peak VOC		LEL (%)																							
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)		Groundwater Level (mbgl*)	Borehole Base (mbgl*)	Comments
Borehole ID		CH4 (%)																							
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Borehole Pressure (Pa)		CO (ppm)																							
Time		H2S (ppm)																							
Peak VOC		LEL (%)																							
			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	180 secs	300 secs	Steady State Flow Readings (taken after gas readings)		Groundwater Level (mbgl*)	Borehole Base (mbgl*)	Comments
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Borehole Pressure (Pa)		CO (ppm)																							
Time		H2S (ppm)																							
Peak VOC		LEL (%)																							

APPENDIX 3

REPORT LIMITATIONS

REPORT LIMITATIONS

This contract was completed by Earth Environmental & Geotechnical Ltd on the basis of a defined programme and scope of works and terms and conditions agreed with the client. This report was compiled with all reasonable skill, and care, bearing in mind the project objectives, the agreed scope of works, the prevailing site conditions, the budget and staff resources allocated to the project.

Other than that, expressly contained in the above paragraph, Earth Environmental & Geotechnical Ltd provides no other representation or warranty whether express or implied, is made in relation to the services. Unless otherwise agreed this report has been prepared exclusively for the use and reliance of the client in accordance with generally accepted consulting practices and for the intended purposes as stated in the agreement under which this work was completed. This report may not be relied upon, or transferred to, by any other party without the written agreement of a Director of Earth Environmental & Geotechnical Ltd.

If a third party relies on this report, it does so wholly at its own and sole risk and Earth Environmental & Geotechnical Ltd disclaims any liability to such parties.

It is Earth Environmental & Geotechnical Ltd understanding that this report is to be used for the purpose described in the introduction to the report. That purpose was an important factor in determining the scope and level of the services. Should the purpose for which the report is used, or the proposed use of the site change, this report will no longer be valid and any further use of, or reliance upon the report in those circumstances by the client without Earth Environmental & Geotechnical Ltd review and advice shall be at the client's sole and own risk.

The report was written in 2026 and should be read in light of any subsequent changes in legislation, statutory requirements and industry best practices. Ground conditions can also change over time and further investigations or assessment should be made if there is any significant delay in acting on the findings of this report. The passage of time may result in changes in site conditions, regulatory or other legal provisions, technology or economic conditions which could render the report inaccurate or unreliable. The information and conclusions contained in this report should not be relied upon in the future without the written advice of Earth Environmental & Geotechnical Ltd. In the absence of such written advice of Earth Environmental & Geotechnical Ltd, reliance on the report in the future shall be at the client's own and sole risk. Should Earth Environmental & Geotechnical Ltd be requested to review the report in the future, Earth Environmental & Geotechnical Ltd shall be entitled to additional payment at the then existing rate or such other terms as may be agreed between Earth Environmental & Geotechnical Ltd and the client.

The observations and conclusions described in this report are based solely upon the services that were provided pursuant to the agreement between the client and Earth Environmental & Geotechnical Ltd. Earth Environmental & Geotechnical Ltd has not performed any observations, investigations, studies or testing not specifically set out or mentioned within this report.

Earth Environmental & Geotechnical Ltd is not liable for the existence of any condition, the discovery of which would require performance of services not otherwise contained in the services. For the avoidance of doubt, unless otherwise expressly referred to in the introduction to this report, Earth Environmental & Geotechnical Ltd did not seek to evaluate the presence on or off the site of electromagnetic fields, lead paint, radon gas or other radioactive materials.

The services are based upon Earth Environmental & Geotechnical Ltd observations of existing physical conditions at the site gained from a walkover survey of the site together with Earth Environmental & Geotechnical Ltd interpretation of information including documentation, obtained from third parties and from the client on the history and usage of the site. The findings and recommendations contained in this report are based in part upon information provided by third parties, and whilst Earth Environmental & Geotechnical Ltd have no reason to doubt the accuracy and that it has been provided in full from those it was requested from, the items relied on have not been verified.

No responsibility can be accepted for errors within third party items presented in this report. Further Earth Environmental & Geotechnical Ltd was not authorised and did not attempt to independently verify the accuracy or completeness of information, documentation or materials received from the client or third parties, including laboratories and information services, during the performance of the services. Earth Environmental & Geotechnical Ltd is not liable for any inaccurate information, misrepresentation of data or conclusions, the discovery of which inaccuracies required the doing of any act including the gathering of any information which was not reasonably available to Earth Environmental & Geotechnical Ltd and including the doing of any independent investigation of the information provided to Earth Environmental & Geotechnical Ltd save as otherwise provided in the terms of the contract between the client and Earth Environmental & Geotechnical Ltd.

Where field investigations have been carried out these have been restricted to a level of detail required to achieve the stated objectives of the work. Ground conditions can also be variable and as investigation excavations only allow examination of the ground at discrete locations. The potential exists for ground conditions to be encountered which are different to those considered in this report. The extent of the limited area depends on the soil and groundwater conditions, together with the position of any current structures and underground facilities and natural and other activities on site. In addition, chemical analysis was carried out for a limited number of parameters [as stipulated in the contract between the client and Earth Environmental & Geotechnical Ltd] based on an understanding of the available operational and historical information, and it should not be inferred that other chemical species are not present.

The groundwater conditions entered on the exploratory hole records are those observed at the time of investigation. The normal speed of investigation usually does not permit the recording of an equilibrium water level for any one water strike. Moreover, groundwater levels are subject to seasonal variation or changes in local drainage conditions and higher groundwater levels may occur at other times of the year than were recorded during this investigation.

Any site drawing(s) provided in this report is (are) not meant to be an accurate base plan but is (are) used to present the general relative locations of features on, and surrounding, the site.