



Landfill Gas Assessment

Former Wendouree Landfill, Mount Rowan, Victoria.

Prepared for:
City of Ballarat
Wadawurrung Country
PO Box 655
Ballarat, Victoria 3353

17 April 2025



DOCUMENT DISTRIBUTION

Document Title	Landfill Gas Assessment
Report Reference	RPT017
Project Name	Former Wendouree Landfill, Mount Rowan
Project Number	LS0145
Project Manager	Lachlan Judd
Project Director	Andrew Wigley
Client Name	City of Ballarat

DOCUMENT STATUS

Revision No.	Description	Date	Prepared By	Reviewed By
Rev0	Final	17 April 2025	LJ	AW

Landserv Pty Limited

ABN: 87 065 632 895
www.landserv.com.au

GEELONG	MELBOURNE
14 Albert St	80 Market Street
Geelong West	South Melbourne
VIC 3218	VIC 3205
T. 03 52224173	T. 03 96460833

This document is and shall remain the property of Landserv Pty Ltd. The document may only be used for the purposes for which it was commissioned and in accordance with the Terms of Engagement for the commission. Unauthorized use of this document in any form whatsoever is prohibited.

CONTENTS

EXECUTIVE SUMMARY	1
1 INTRODUCTION	1
1.1 General	1
1.2 Background	1
1.3 Objectives	3
1.4 Scope	3
2 SITE SETTING	4
2.1 Overview	4
2.2 Closed Landfill LFG Monitoring	5
2.3 Victorian Landfill Register	5
2.4 Geology	6
2.5 Hydrogeology	7
2.6 Burrumbeet Creek	7
2.7 Topography	7
3 LFG BORE INSTALLATION	8
3.1 Bore Locations	8
3.2 Bore Construction	8
3.3 Soil Observations	9
4 ASSESSMENT CRITERIA	10
5 LFG MONITORING & RESULTS	11
5.1 Timeline	11
5.2 Discrete Gas Monitoring	11
5.2.1 Sampling Methodology	11
5.2.2 Weather Conditions	12
5.2.3 Monitoring Results	12
5.3 Continuous Gas Monitoring	14
5.3.1 Sampling Methodology	14
5.3.2 Atmospheric and Bore Pressure	14
5.3.3 Continuous Monitoring Results	15
6 CONCEPTUAL SITE MODEL	18
7 SUMMARY OF FINDINGS	20
8 CONCLUSIONS	21
9 REFERENCES	22
10 LIMITATIONS	23
11 ABBREVIATIONS	24

LIST OF FIGURES

Figure 1.1 – Site Locality Plan
Figure 2.1 – Inferred Extent of Waste
Figure 2.2 – Underlying Geology of the Site
Figure 5.1 – Atmospheric and Bore Pressure, GB3
Figure 5.2 – GB1, Methane, Carbon Dioxide, Atmospheric and Bore Pressure Data
Figure 5.3 – GB2, Methane, Carbon Dioxide, Atmospheric and Bore Pressure Data
Figure 5.4 – GB3 Methane, Carbon Dioxide, Atmospheric and Bore Pressure Data
Figure 5.4 – GB5 Methane, Carbon Dioxide, Atmospheric and Bore Pressure Data

LIST OF TABLES

Table 1.1 – Victorian Landfill Register Information
Table 3.1 – Landfill Gas Monitoring Bore Location Details
Table 3.2 – Landfill Gas Monitoring Bore Construction Details
Table 4.1 – LFG Action Levels
Table 5.1 – LFG Monitoring Schedule
Table 5.2 – Weather Conditions prior to Discrete Monitoring Events
Table 5.3 – Landfill Gas Bore Discrete Monitoring Results
Table 5.4 – GasClam Installation and Movements
Table 6.1 – Conceptual Site Model Summary

FIGURES (APPENDIX A)

Figure 1 Site Locality Plan
Figure 2 Bore Location Plan
Figure 3 Conceptual Cross Section

APPENDICES

Appendix A Figures
Appendix B Site Photographs
Appendix C Bore Installation Logs
Appendix D Equipment Calibration Certificates
Appendix E Meteorological Data
Appendix F LFG Bore Monitoring Forms and Data

EXECUTIVE SUMMARY

Landserv Pty Ltd (Landserv) were engaged by the City of Ballarat ('Council') to complete a landfill gas assessment the former Wendouree Landfill, known as Lot 1 on Title Plan TP846568, located at Noble Court, Mount Rowan VIC 3352 (referred to as the 'site').

The Council are seeking to further understand any landfill gas impacts associated with the former Wendouree landfill.

The landfill gas assessment concluded the following:

Historical gas monitoring from a leachate bore within the landfill indicates that the landfill is still producing methane and carbon dioxide gas.

Methane and carbon dioxide gas concentrations were recorded in monitoring bores located close to the landfill perimeter and beyond, including some concentrations above the adopted assessment criteria (i.e., Landfill BPEM action levels). Limited to negligible flow rate was detected during discrete monitoring events.

In future, further investigations including more wells (both groundwater and gas) and monitoring would be required (at a minimum) to understand the risks posed by the landfill to current and future receptors, and/or considering any alteration to the exiting 500 m buffer distance. Information gaps to be considered (but not limited to) include the spatial distribution of bores, temporal data, pathway analysis of dissolved methane in groundwater, the implications of the proposed development of PSP on the local water table levels (up or down) and delineation of the inferred landfill waste boundary.

These findings and all conclusions and advice in this report are subject to the limitations and assumptions made herein.

1 INTRODUCTION

1.1 General

Landserv Pty Ltd (Landserv) were engaged by the City of Ballarat ('Council') to complete a landfill gas assessment of the former Wendouree Landfill, known as Lot 1 on Title Plan TP846568, located at Noble Court, Mount Rowan VIC 3352 (referred to as the 'site').

The site was an operational landfill that accepted municipal solid waste between 1968 to 1983 and was closed and capped in approximately 1983. Council own's and manages the site and is responsible for ensuring all environmental and human health impacts based on the historic use of the site are managed.

Council supported by the Victorian Planning Authority (VPA) are currently seeking to rezone and redevelop the area to the north of the site under the Ballarat North Precinct Structure Plan (PSP). The PSP is a large scale rezoning of land proposed to accommodate residential development in line with the Councils growth strategy.

The Council are seeking to further understand any landfill gas impacts associated with the former Wendouree Landfill to fulfill their general environmental duty (GED) as the responsible authority.

This report documents installation and monitoring of landfill gas bores to the north of the former landfill, and includes a review of the site setting, information on the former filling at the site and a sub-surface gas monitoring program to further understand potential lateral gas movement from the landfill.

The site locality plan is provided on Figure 1, Appendix A.

1.2 Background

The Victorian Planning Authority (VPA) is preparing the Ballarat North Precinct Structure Plan (PSP) and Development Contributions Plan (DCP) in collaboration with the Council, The precinct is anticipated to accommodate approximately 6,000 – 8,500 residential dwellings once completed, and be a major growth area associated with the municipality.

The VPA engaged GHD Pty Ltd to complete the Adverse Amenity Impact Assessment (AAIA) for the site (currently under review). The findings of the AAIA report that the Ballarat North PSP is within close proximity to the former Wendouree Landfill, on the corner of Gilles Road North and the Western Freeway. The AAIA identified potential for adverse amenity impact based on the proposed new sensitive receptors (i.e. residential dwellings) that are planned for the area based on the PSP.

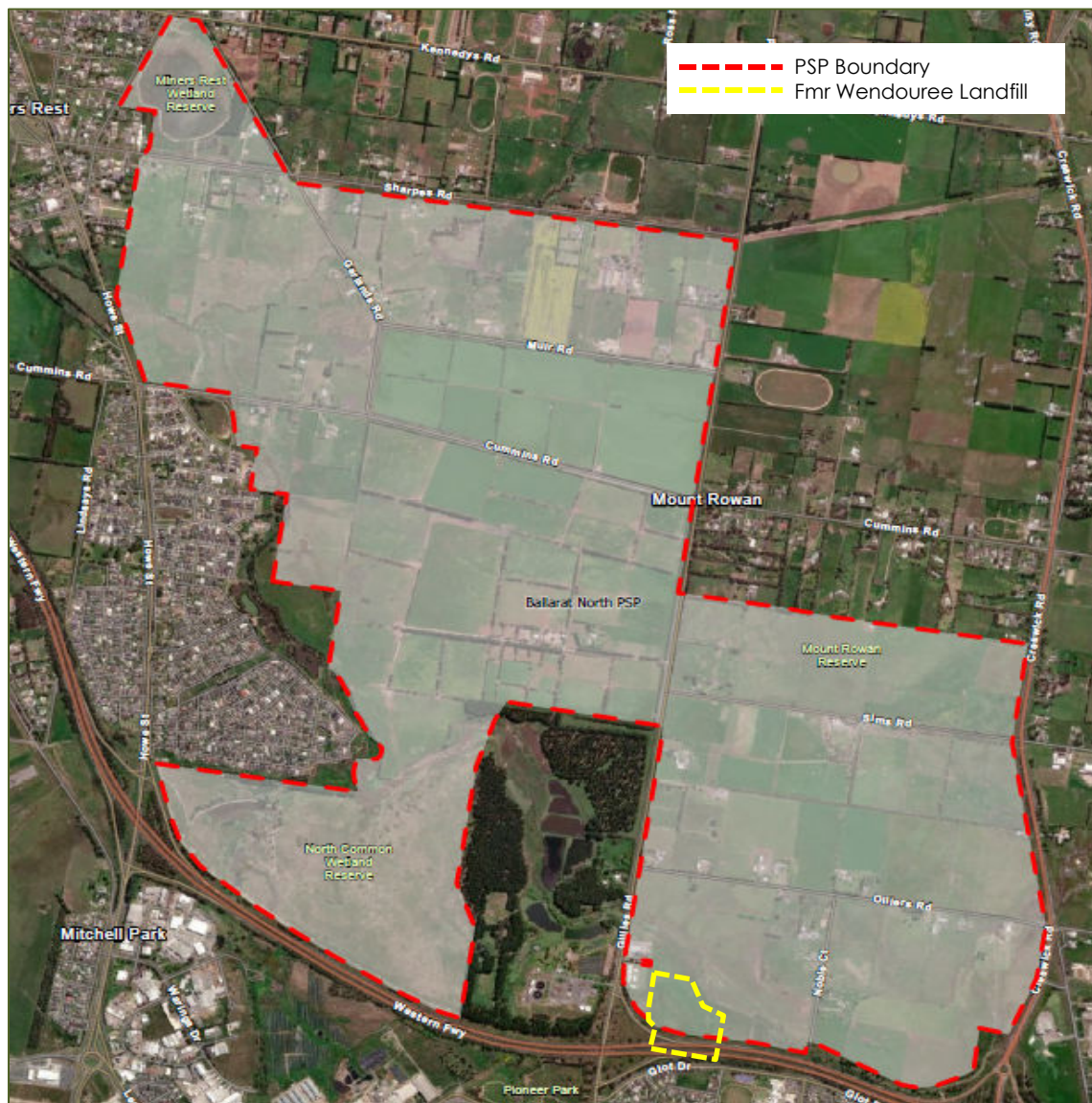
Jacobs Pty Ltd was engaged by the VPA to complete the Land Capability Assessment (LCA) in 2023 which was reviewed by EPA in 2024. Based on the review, EPA provided the following recommendations for VPA to consider supporting the development of the PSP;

- The LCA is updated to consider landfill gas migration from the former Wendouree Landfill, and the buffer distances and requirements of:
 - EPA Publication 1642 – Assessing Planning Proposals in the Buffer of a Landfill
 - Draft EPA Publication 1950 – Landfill buffer guideline.

Prior investigation and assessments completed at the site to support the development of the PSP include the following:

- Preliminary Site Investigation, Wendouree Landfill, Senversa, December 2021.
- Land Capability Assessment, Ballarat North PSP, Jacobs, December 2023.
- Bore Installation Report, SMEC, March 2024.
- Closed Landfill LFG Monitoring, SMEC, July 2024.
- Closed Landfill Water Monitoring, SMEC, July 2024.

Figure 1.1 – Site Locality Plan



Source: Land Capability Assessment, Ballarat North Precinct Structure Plan Jacobs 2023

Further to these investigations conducted, this assessment is aimed at undertaking landfill gas monitoring surrounding the site to get a better understanding of potential lateral landfill gas migration from the former Wendouree Landfill.

1.3 Objectives

The objective of the assessment is to undertake landfill gas monitoring works around the former Wendouree Landfill to further understand potential lateral landfill gas migration and meet the Councils GED as the responsible authority.

1.4 Scope

The scope of the investigation and the tasks undertaken were as follows:

- Reviewed background data and relevant information to the site to allow the development of a conceptual site model for the site.
- Drilled and installed four (4) landfill gas monitor bores to provide quantitative lateral gas movement from the former landfill.
- Completed gas monitoring on the landfill gas bores including;
 - Five (5) discrete monitoring events using hand held monitoring (GA5000); and
 - Continuous monitoring of each landfill gas bore for a period of one week using continuous monitoring device (i.e. GasClam).
- Compare the monitoring results to assessment criteria (i.e., BEPM action levels).
- Provision of a landfill gas assessment report, detailing monitoring gas monitoring results beyond the former landfill boundary.

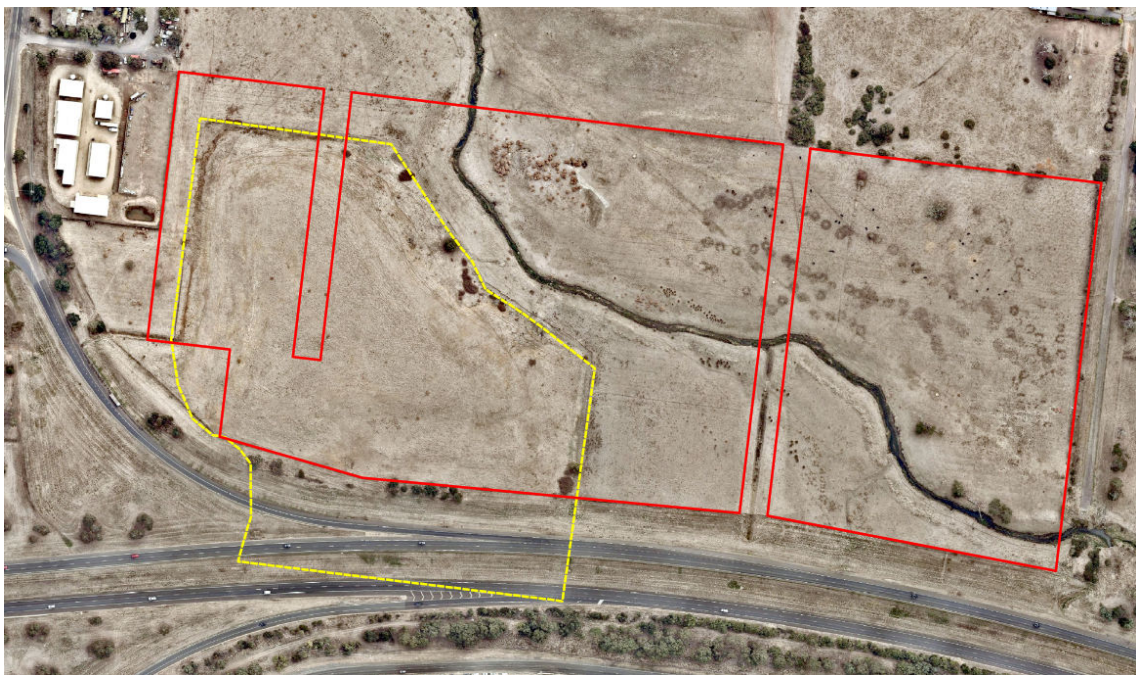
2 SITE SETTING

2.1 Overview

The site is situated in a Farming Zone (FZ) specified within the Ballarat planning scheme. The area surrounding the site to the north is agricultural with residences and associated buildings and structures. Burrumbeet Creek is located in close proximity north of the former landfill. East of the site is an asphalt manufacturing facility and other commercial/industrial facilities. South of the site is the western freeway with education facilities, parkland and residential housing beyond. West of the site is a water treatment facility.

Information provided in the Preliminary Site Investigation (Senversa 2021) indicates the landfill was operational between 1964 to 1983, receiving domestic and inert industrial waste. Capping was observed to have commenced by 1990 and completed by 2010. The PSI indicates the inferred extent of waste extends south of the site boundary i.e. beneath the Western Freeway Road Reserve. No filling has occurred over the eastern portion of the site, in particular no filling east and north of the Burrumbeet Creek.

Figure 2.1 – Inferred Extent of Waste (Senversa 2021)



No information is available on the construction of the landfill and whether there is a base lining to limit the downward and lateral migration of landfill gas and leachate. Given the age of the landfill it is considered unlikely that the site was lined.

Visual inspection of the site did not find evidence of underground services. Several areas of erosion of the capping material exposing waste were observed. From the visual inspection, potential gas migration pathways are limited to horizontal migration through subsurface geology however the most likely pathway would appear to be vertical migration through cracks and eroded areas of the capping material. There was no evidence to suggest impact from landfill gas migration on the surface of the site (i.e., vegetation dieback).

Photographs of the site and surroundings are provided in Appendix B.

2.2 Closed Landfill LFG Monitoring

During 2023 and 2024, SMEC Pty Ltd was engaged by the Council to undertake environmental monitoring at four closed landfills across the municipality. One of these sites was the former Wendouree Landfill. As part of these assessment works surface and sub surface gas was monitored in three monitoring events (August 2023, March and August 2024), with the following reported results:

August 2023

- Leachate Bore (LB2) reported concentrations of;
 - 84.4 % v/v methane; and
 - 12.9% v/v carbon dioxide.
- Landfill surface survey reported a maximum methane concentration of 2.4 ppm.

March 2024

- Leachate Bore (LB2) reported concentrations of;
 - 73.1% v/v methane; and
 - 12.2% v/v carbon dioxide.
- Landfill surface survey reported a maximum methane concentration of 2.0 ppm.

August 2024

- Leachate Bore (LB2) reported concentrations of;
 - 73.4 % v/v methane; and
 - 11.4% v/v carbon dioxide.
- Landfill surface survey reported a maximum methane concentration of 5.0 ppm.

Although LB2 reported concentrations of elevated concentrations of methane and carbon dioxide given the leachate bore is located within the waste mass, BPEM action levels do not apply. However, the concentrations of methane and carbon dioxide do indicate that methane generation is still occurring. Subsequently SMEC recommended that landfill gas bores be installed and monitored to identify if any lateral movement of gas is occurring from the site.

2.3 Victorian Landfill Register

The Victorian Landfill Register (VLR) brings together information from; EPA landfill licences and post closure pollution abatement notices; regional waste and resource recover implementation plans; and historical landfill records held by the EPA. The information provided by the VLR is included in the Table 1.1 below.

Table 1.1 – Victorian Landfill Register Information

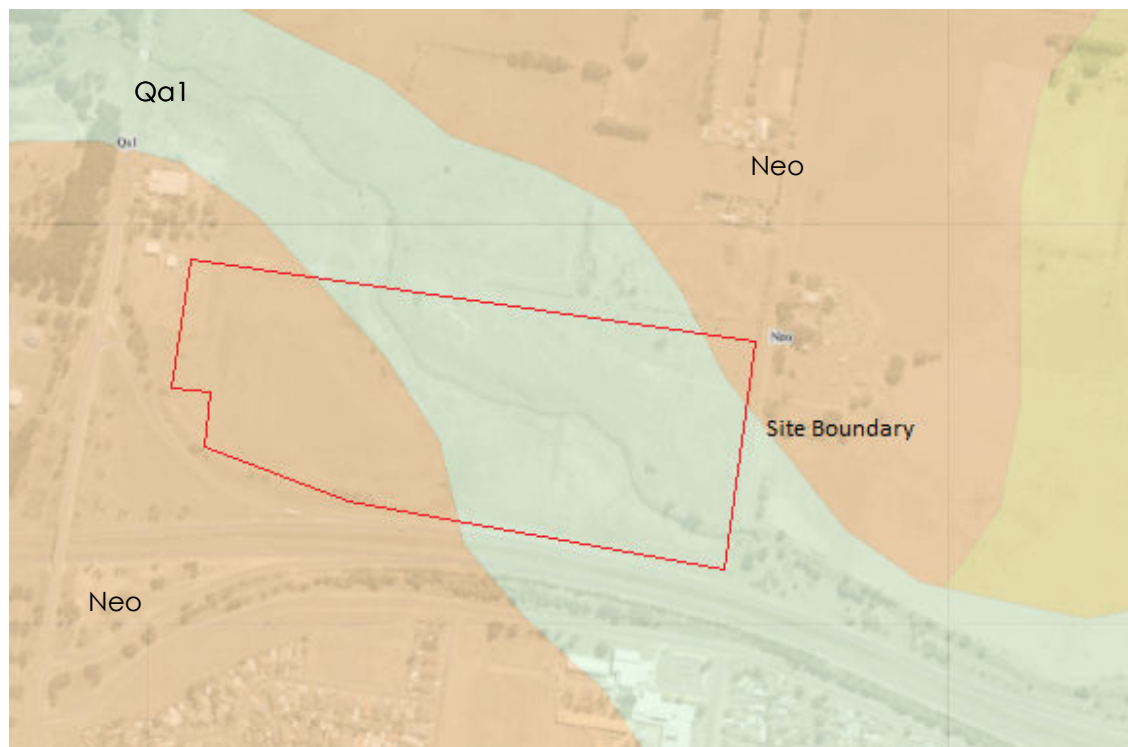
Item	Details
Landfill register number	10038
Reference number	Not available
Address	Lot 1 Noble Court, Mount Rowan, VIC, 3352 (Corner Gilles Road North and Western Freeway)

Item	Details
Suburb	Mount Rowan
Council	Ballarat City Council
Latitude	-37.5161
Longitude	143.8297
Operating status	Closed
Waste type accepted	Putrescible waste, Solid inert waste
Estimated year of closure	1983
Estimated total waste volume	Not available
Provenance	Not available
Licence number	Not available
Historic licence number	HS000542/3

2.4 Geology

According to the Geological Survey of Victoria 'Ballarat' 1:50,000 Geological Map, the site is located in an area underlain by the Tertiary (Pleistocene to Pliocene) aged Newer Volcanics basalt consisting of sheet basalt flows of dominantly fresh alkalic olivine-basalt (Neo). Nearer to Burrumbeet Creek in the site is underlain by Quaternary aged alluvial floodplain deposits consisting of gravel, sand, silt and clay (Qa1).

Figure 2.2 – Underlying Geology of the Site



Source: Visualising Victorias Groundwater

2.5 Hydrogeology

According to the Visualising Victoria's Groundwater (VVG) database, groundwater is expected to be present between 5 to 10 m bgl in the south to south west portion of the site and beneath the site at less than 5 m bgl in the north to north eastern portion of the site (i.e., adjacent to Burrumbeet Creek). Groundwater is expected to be encountered within the Quaternary Aquifer (alluvial) approximately 0 – 2 m bgl.

Depth to groundwater was validated in the most recent groundwater monitoring event (GME) conducted by SMEC in August 2023, which recorded a standing water level of 1.175 m bgl at the groundwater monitoring well (GW2) located between the former landfill and Burrumbeet Creek.

Groundwater was not assessed as part of this investigation, however based on the regional geology and topography it is considered likely that local groundwater would flow towards the Burrumbeet Creek.

2.6 Burrumbeet Creek

Burrumbeet Creek flows in a south easterly direction, located directly to the north of the former Wendouree Landfill.

Given shallow groundwater was identified on site (SMEC 2024), and during installation of LFG bore (GB1 - GB5), it was hypothesized that there is a likely direct connection between Burrumbeet Creek and the local water table. This saturation of the subsurface profile may be acting as a potential barrier to lateral landfill gas migration to the north of Burrumbeet Creek.

2.7 Topography

Based on the VVG database the topography at the site is relatively flat, with an elevation of approximately 448 m AHD in the west with a slight slope east to south east to approximately 444 m AHD. The land surrounding the site are generally flat with a slight slope to the west and southwest. The inferred landfill is slightly raised relative to the surrounding natural ground level.

3 LFG BORE INSTALLATION

3.1 Bore Locations

The number and location of bores to be included in the study were predetermined by the Council in consultation with the appointed EPA Environmental Auditor for the site (John Nolan of Nolan Consulting).

Four (4) LFG bores (labelled GB1 - GB4) were installed by Landserv on 1 October 2024. Due to one LFG being impacted by shallow groundwater ingress (GB4), an additional LFG bore (GB5) was installed on 15 October 2024 to the north of Burrumbeet Creek.

- LFG bores (GB1 – GB3) - installed north of the landfill; and
- LFG bore (GB4 and replacement bore GB5) - installed north of Burrumbeet Creek.

The LFG bore location details are summarised in the Table 3.1 below.

Table 3.1 – Landfill Gas Monitoring Bore Location Details

Bore I.D	Easting	Northing	Elevation m AHD (surface level)
GB1	220032.195	5843112.096	429.508
GB2	219904.853	5843200.615	429.860
GB3	219786.731	5843339.592	428.846
GB4	219993.100	5843315.863	432.720
GB5	219968.881	5843268.746	434.523

The bore location plan is provided as Figure 2 of Appendix A.

3.2 Bore Construction

LFG bores were installed to a maximum depth of 1.5 m bgl which was determined based on historical groundwater levels at the site of approximately 1.175 m bgl (SMEC 2024).

All LFG bores were advanced using a hand auger and constructed as follows:

- 4 mm slotted 50 mm PVC screen (installed above groundwater table);
- Solid casing to 0.7 m above natural ground level);
- Graded gravel backfill to above screened interval;
- 0.5 m thick hydrated bentonite layer; and
- Monument cover.

The hand auger diameter is 85 mm, the bore diameter produced during advancement is approximately 100 mm.

The LFG bore construction details are summarised in the Table 3.2 below.

Table 3.2 – Landfill Gas Monitoring Bore Construction Details

Bore I.D	Bore Depth m BGL	Seal Interval m BGL	Screen Interval m BGL	Screen Interval m AHD
GB1	1.5	0.0 – 0.65	0.7 – 1.5	428.01 – 428.81
GB2	1.5	0.0 – 0.65	0.7 – 1.5	428.36 – 429.16
GB3	1.5	0.0 – 0.65	0.7 – 1.5	476.35 – 428.15
GB4*	1.5	0.0 – 0.65	0.7 – 1.5	431.22 – 432.02
GB5	1.3	0.0 – 0.65	0.7 – 1.25	433.27 – 433.82
<i>Note: *GB4 was installed north of Burrumbeet Creek. Following first landfill gas monitoring event it was noted to have been impacted by shallow groundwater ingress, potential from adjacent stormwater service, and was noted as not suitable for the purpose of this assessment. An additional LFG bore was installed north of Burrumbeet Creek at a slightly higher elevation.</i>				

Bore construction details are provided in Appendix C.

3.3 Soil Observations

The soil observed during the hand auguring of the LFG bores was described as brown silty clay overlying grey/ yellow pale grey mottled clay with trace sand.

No waste type materials were observed with any of the soil bores, and it is inferred that the soil was natural from the surface, based on field observations.

Soil logs of the profile observed within each individual LFG monitoring bore are provided in Appendix C.

4 ASSESSMENT CRITERIA

EPA Publication 788 'Sitting, design, operation and rehabilitation of landfills' – Best practice environmental management (BPEM) 2015 sets out action levels for landfill gas at different monitoring locations at operating and closed landfills.

In accordance with the Table 6.4 of the Landfill BPEM, landfill gas action levels for subsurface geology were adopted to assess potential lateral migration of landfill gas from the former Wendouree Landfill. The specific landfill gas action levels are provided in Table 4.1 below.

Table 4.1 – LFG Action Levels

Location	Parameters	Action Level
Subsurface geology at the landfill boundary.	Methane	1.0 % v/v
	Carbon Dioxide	1.5 % v/v above background

Although the landfill gas bores were not installed directly at the boundary to the former Wendouree Landfill, the action level for subsurface geology at the landfill boundary were adopted for interpretive purposes. Furthermore it's understood no background carbon dioxide study has been completed at the site, a conservative 1.5% v/v action level was therefore adopted for interpretive purposes.

5 LFG MONITORING & RESULTS

5.1 Timeline

To monitoring lateral LFG gas movement in the network, Landserv completed the following discrete and continuous monitoring at the site.

- Discrete monitoring undertaken at five site visits using a portable landfill gas analyser (i.e. GA5000); and
- Continuous monitoring using GasClam set up in four LFG bores for a week sequentially over the month of sampling.

A timeline of the monitoring events is provided in Table 5.1 below.

Table 5.1 – LFG Monitoring Schedule

Date	Discrete Monitoring (GA5000)	Continuous Monitoring (GasClam)
8/10/24	GB1 - GB4	GB1
15/10/24	GB1 - GB4	GB2
22/10/24	GB1, GB3 - GB5	GB3
29/10/24	GB1 - GB2	GB5
6/11/24	GB1 - GB3	-

5.2 Discrete Gas Monitoring

Prior to the first discrete monitoring event, all LFG bores were left to stabilise over a seven day period, allowing the bore headspace to reach equilibrium with the surrounding ground gas. This was deemed sufficient based on the low permeability clays encountered at the site.

5.2.1 Sampling Methodology

Discrete monitoring was completed with a calibrated GA5000 extractive landfill gas analyser, by an experienced environmental scientist. All works was completed in accordance with EPA publication 1684, *Landfill Gas Fugitive Emissions Monitoring Guidelines* (EPA 2018) and included the collection of the following data:

- Gas composition of landfill gas bores, including the concentrations of key landfill gas components (methane, carbon dioxide, oxygen, balance gas (assumed nitrogen), hydrogen sulphide and carbon monoxide.
- Atmospheric and bore relative pressure for each bore;
- Gas flow rate (L/h) for each bore;
- Atmospheric pressure and climatic data from the Bureau of Meteorology (BOM) for the nearest weather station approximately 3 km to the west (Ballarat Aerodrome – station ID 089002); and
- Weather conditions at each sampling event.

Equipment calibration certificates for the monitoring are provided in Appendix D and meteorological data is provided in Appendix E.

5.2.2 Weather Conditions

The weather conditions observed during and prior to the five discrete monitoring events based on site observations and Bureau of Meteorology (BoM)

When compared to continuous atmospheric pressure reading collected from the GasClam the discrete monitoring events were generally associated with either a falling or stable atmospheric pressure systems.

Records of the weather conditions prior to discrete sampling event is provided in Table 5.2 below.

Table 5.2 – Weather Conditions prior to Discrete Monitoring Events

Date	Site Weather	Rain prior to monitoring (Ballarat Aerodrome)	Atmospheric Pressure Conditions
8/10/24	Overcast with passing showers	5 mm in prior 24 hrs	Increasing 1016 hPa at 10:30 am on the 7 October to 1026.7 hPa at 10:30 am on the 8 October.
15/10/24	Sunny and dry	0.4 m in prior 24 hrs	Stable with a slight fall from 1019.1 hPa at 1:00 pm on the 14 October to 1018.8 hPa at 1:00 pm on the 15 October.
22/10/24	Sunny and dry	No rain	Falling from 1020.6 hPa at 10:00 am on the 21 October to 1014.4 hPa at 10:00 am on the 22 October.
29/10/24	Overcast with light winds	No rain	Increasing slightly from 1024 hPa at 10:00 am on the 28 October to 1027 hPa at 10:00 am on the 29 October.
6/11/24	Sunny, dry and windy	No rain	Falling from 1016.8 hPa at 10:00 am on the 5 November to 1007.4 hPa at 10:00 am on the 6 November.

The generally dry conditions prior to discrete monitoring indicate that soil moisture content was unlikely to have had any significant impact the landfill gas results.

5.2.3 Monitoring Results

The sub-surface geology LFG bores (GB1 - GB5) were monitored at discrete intervals using GA5000 over a four week period from 8 October 2024 to 6 November 2024.

No to marginal flow was recorded in the LFG bores across all monitoring events.

No methane concentrations were detected during the sub-surface monitoring above the BEPM action level of 1.0 % v/v, however concentrations of carbon dioxide did exceed and BEPM action level of 1.5 % v/v. The exceedances of the adopted action levels are highlighted in Table 5.3 below.

Table 5.3 – Landfill Gas Bore Discrete Monitoring Results.

Bore I.D.	Peak Flow Rate (L/hr)	Landfill Gas Readings			
		Peak CH4 (%v/v)	Peak CO2 (%v/v)	Min O2 (%v/v)	Peak CO (ppm)
Monitoring Round One (8 October 2024)					
<u>GB1</u>	0.1*	0.0	2.3	18.8	0
GB2	0.1*	0.0	2.8	18.0	0
GB3	0.1*	0.0	1.7	18.7	0
GB4	0.1*	0.1	2.7	19.2	1
GB5	Not yet installed				
Monitoring Round Two (15 October 2024)					
GB1	GasClam data collected, and gas cap reinstated				
<u>GB2</u>	0.1*	0.0	2.0	17.7	1
GB3	0.1*	0.0	1.1	18.3	0
GB4	0.1*	0.0	1.8	19.3	0
GB5	GB5 installed, left for 7 days to equilibrate with ground gas conditions				
Monitoring Round Three (22 October 2024)					
GB1	0.1*	0.0	2.1	17.8	0
GB2	GasClam data collected, and gas cap reinstated				
<u>GB3</u>	0.1*	0.0	1.8	18.2	0
GB4	0.4	0.0	2.7	18.3	0
GB5	0.1*	0.0	0.3	20.2	0
Monitoring Round Four (29 October 2024)					
GB1	0.2	0.0	2.4	18.7	0
GB2	0.1*	0.0	3.2	16.8	0
GB3	GasClam data collected, and gas cap reinstated				
GB4	Gas monitoring discontinued due to groundwater blocking screen				
<u>GB5</u>	Cap knocked off due to cattle, no readings taken				
Monitoring Round Five (6 November 2024)					
GB1	0.1*	0.0	1.7	19.3	0
GB2	0.1*	0.0	2.9	17.7	0
GB3	0.1*	0.0	1.3	18.9	0
GB4	Gas monitoring discontinued due to groundwater blocking screen				
GB5	GasClam data collected, and gas cap reinstated				
Note: Underlined <u>GB</u> indicates the gas bore location where GasClam was installed. Exceedances of BPEM action levels highlighted.					

The landfill gas field monitoring forms for each round are provided in Appendix F.

5.3 Continuous Gas Monitoring

5.3.1 Sampling Methodology

Continuous landfill gas monitoring data was collected from (GB1 - GB3 and GB5) by an Ion Science GasClam2 Ground Gas Detector over a four week period from 8 October 2024 to 6 November 2024. Readings were collected at 30-minute intervals during the course of monitoring and included the following data:

- Date and Time;
- CH₄, CO₂, O₂, H₂S, CO concentrations;
- Bore and atmospheric pressure;
- Temperature;
- Battery voltage; and
- Filter pressure.

Table 5.4 below details the GasClam movements across the site.

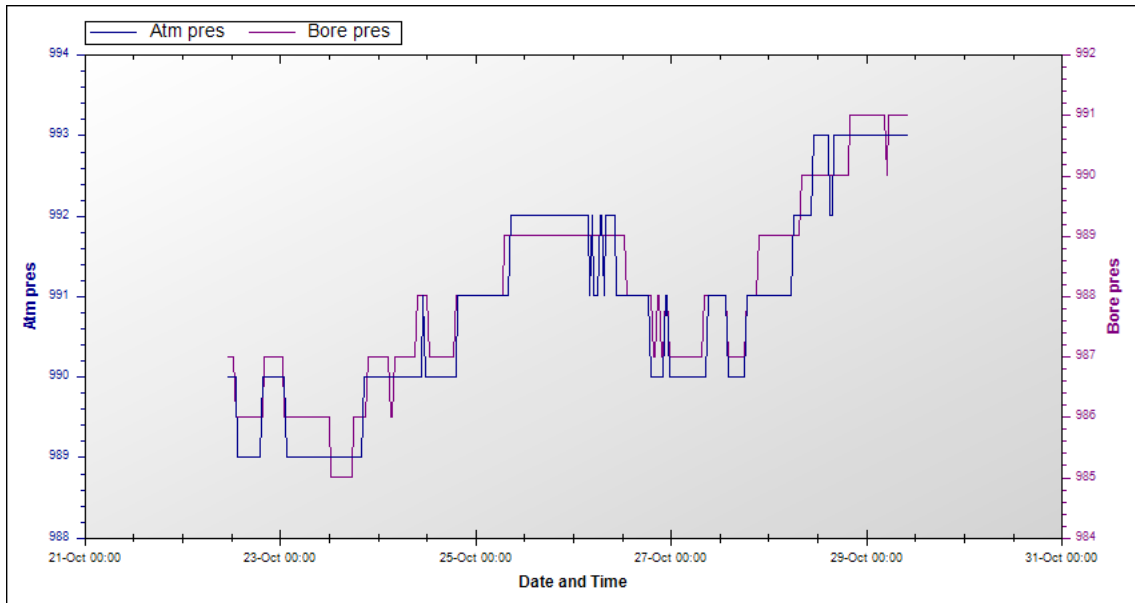
Table 5.4 – GasClam Installation and Movements

Bore I.D	Date & Time of GasClam Installation	Date & Time of GasClam Removal	Comments
GB1	8 October 2024 12:10 pm	15 October 2024 2:20 pm	Data downloaded. Desiccant filter checked and batteries replaced.
GB2	15 October 2024 2:30 pm	22 October 2024 10:51 am	Data downloaded. Desiccant filter checked and batteries replaced.
GB3	22 October 2024 11:10 am	29 October 2024 10:09 am	Data downloaded. Desiccant filter checked and batteries replaced.
GB5	29 October 2024 11:48 am	6 November 2024 10:53 am	Data downloaded.
Note: *The GasClam was not installed in GB4 due to groundwater ingress blocking/partially blocking the screened interval. The gas monitoring data would have been unreliable.			

5.3.2 Atmospheric and Bore Pressure

Generally, atmospheric and bore pressure were closely related, with bore pressure lagging slightly behind changes atmospheric pressure as shown in Figure 7.1 as an example from GB3.

Figure 5.1 – Atmospheric and Bore Pressure, GB3



5.3.3 Continuous Monitoring Results

Methane

Methane concentrations recorded in GB1 – GB3 (located south of the Burrumbeet Creek) ranged from 0 – 1.8 %v/v, and methane concentration in GB5 (located north of Burrumbeet Creek) ranged from 0 – 1.6 %v/v. All methane concentrations above 1.0% v/v are classified as exceedances of BPEM action levels for methane.

Carbon Dioxide

Carbon dioxide concentrations recorded in GB1 – GB3 ranged from 2.7 – 6.6 %v/v, and from 0.1 – 0.9 %v/v in GB5. No significant concentrations of hydrogen sulphide or carbon monoxide were recorded during the continuous monitoring of the landfill gas bores. All concentrations above 1.5% v/v are considered exceedances of BPEM action levels.

Continuous Gas Monitoring Graphs

The GasClam software was used to extract and handle the gas monitoring data. The below figures provide graphical data of the methane, carbon dioxide and atmospheric pressure obtained from GB1, GB2, GB3 and GB5.

Based on a review of the four landfill gas bores, the following was noted in regards to carbon dioxide concentration over the course of each 1 week monitoring period;

- GB1 reported relatively stable carbon dioxide concentrations;
- GB2 reported gradually increasing carbon dioxide concentrations;
- GB3 reported a drop in carbon dioxide concentration; and
- GB5 report relatively stable carbon dioxide concentrations.

The readings are based on low absolute differences with relatively low carbon dioxide concentrations reported throughout the monitoring period at the site.

Figure 5.2 – GB1 Methane (red), Carbon Dioxide (black), Atmospheric Pressure (blue)

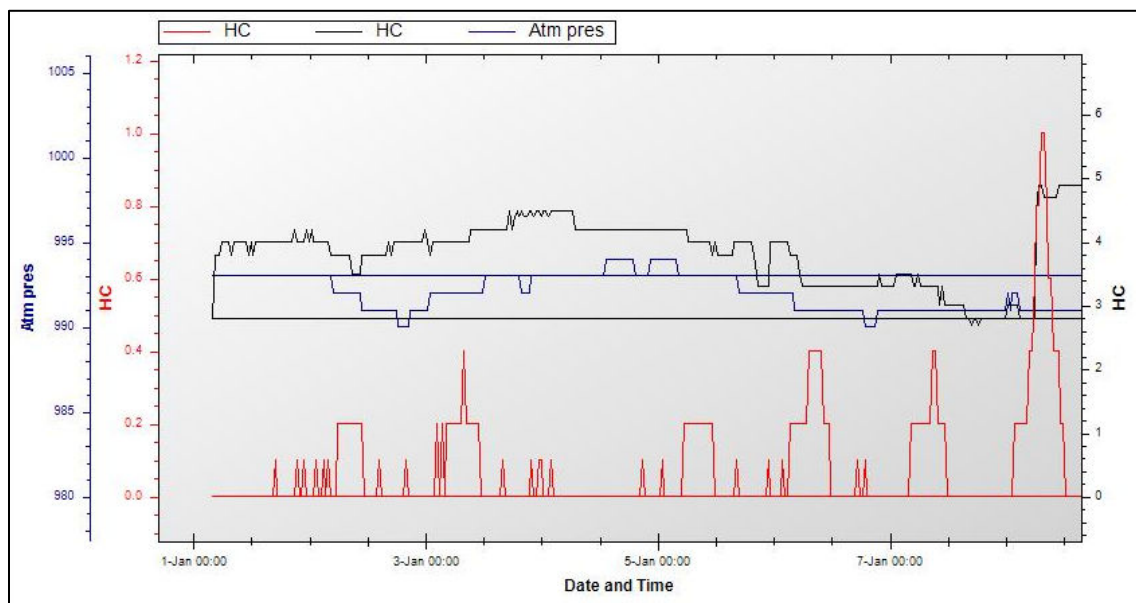


Figure 5.3 – GB2 Methane (red), Carbon Dioxide (black), Atmospheric Pressure (blue)

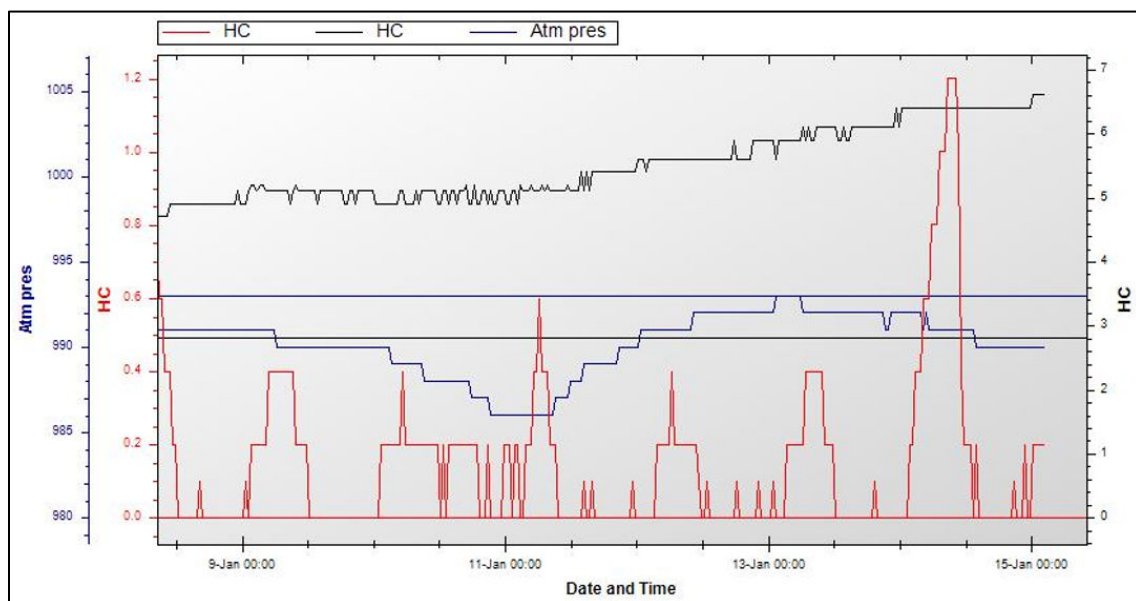


Figure 5.4 – GB3, Methane (red), Carbon Dioxide (black) and Atmospheric Pressure (blue)

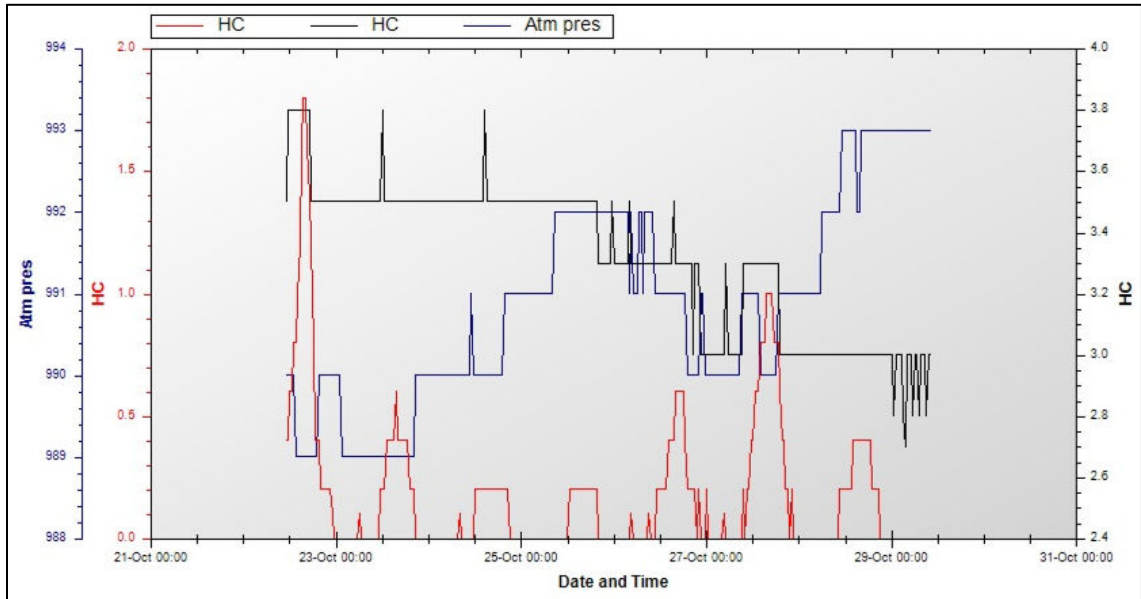
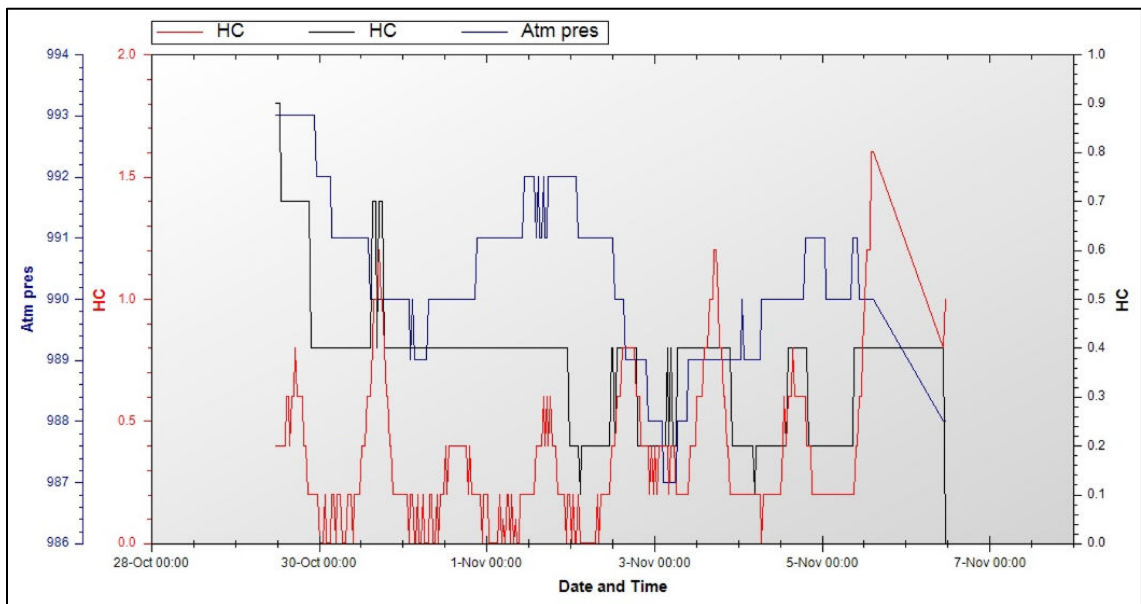


Figure 5.5 – GB5 Methane (red), Carbon Dioxide (black) and Atmospheric Pressure (blue)



Note: the date and time of the data obtained from GB1 and GB2 is not correct due to the GasClam resetting upon installation and starting the gas readings in the first LFG bore. This is not anticipated to affect the outcome of the landfill gas assessment as the correct date and time of readings was calculated from the GasClam installation and movement data.

Extracted GasClam data has been tabulated and provided in Appendix F.

6 CONCEPTUAL SITE MODEL

The conceptual site model (CSM) is based on the information provided from the prior investigation and assessments, landfill gas bore installation and sub-surface landfill gas monitoring. The following Table 6.1 presents a summary of the CSM.

Table 6.1 – Conceptual Site Model Summary

Landfill Characteristic	Details
Gas Hazard Source	
Landfill Operating Period	1964 – 1983
Waste Type	Putrescible waste, Solid inert waste
Landfill Area	Unknown, from historical aerial photos and inferred extent of waste (Senversa 2021) approximately 76,000 m ² .
Landfill Depth	Estimated depth from leachate bore installation is 11 m BGL.
Landfill Volume	Unknown.
Landfill Cap	Non-uniform, likely to be non-engineered given the age.
Landfill Lining	Unknown, likely to be unlined given the age.
Soil/Rock Type	Tertiary (Pleistocene to Pliocene) aged Newer Volcanics basalt and Quaternary aged alluvial floodplain deposits nearer to Burrumbeet Creek.
Groundwater depth	Expected to be between 5 to 10 m bgl in the south to south west portion of the site and beneath the site at less than 5 m depth in the north to north eastern portion of the site. The groundwater monitoring in August 2023 recorded a standing water level measure to 1.175 m BGL in GW2
Groundwater Contamination	Unknown. Potential for landfill leachate impacts. Exceedances of the Groundwater Investigation Limits for copper, manganese, nickel, zinc, hardness, TDS, sodium and chloride.
Groundwater Flow Direction	Local groundwater is considered to flow northeast towards the Burrumbeet Creek which runs north to south east through the broader site above the inferred landfill extent.
Leachate	Leachate monitoring (August 2023) recorded standing leachate level of 11.77 m Below Top of Casing (BTOC) (depth of well 12.07 m BTOC).
Landfill Current Use	Open space used for grazing of sheep, within an Urban Growth Zone (UGZ).
Pathways	
Potential Pathways	1) Vertical migration of landfill gas via diffusion and advection through fissures and around/cracked areas of the landfill cap, subsurface pore spaces or vegetation roots. 2) Horizontal migration of landfill gas via diffusion and advection, through fissures and subsurface pore spaces. 3) Partitioning of dissolved methane in groundwater to soil gas/ through fissures and pore spaces or vegetation roots.

Landfill Characteristic	Details
Receptor Site	
Off-site	Current residences and businesses surrounding the site and potential future off-site users of the residential growth area proposed by the PSP to the north of the site.
Topography	The eastern side of Gillies Road slopes gradually from 440 m AHD in the southern region near Burrumbeet Creek to 480 m AHD in the northern area at the base of Mount Rowan. The site features irregular elevations and depressions along its west-to-east axis. The land gently slopes from the west, near Burrumbeet Creek, towards Mount Rowan, and then gradually descends from the middle of the site towards the east, near the Midland Highway.
Soil/Rock Type	Quaternary Aged: - Swamp and lake deposits (Qm1) - Alluvium (Qa1) - Colluvium (Qc1) Quaternary-Tertiary Aged: - Newer Volcanic Group (Neo) - Incised Colluvium (Nc1) Ordovician Aged: - Castlemaine Group - Lancefieldian
Groundwater depth	Groundwater is generally 10 to 20 m BGL in the central precinct area, grading to <5 m BGL in the southeast and northwest. There is an isolated area east of Gilles Road where the water table is mapped at >50 m BGL. Based on site observations during installation of LFG monitoring wells groundwater immediately adjacent to Burrumbeet Creek is approximately 1-2 m bgl. This shallow groundwater may be limiting any lateral movement of landfill gas north from the landfill.
Groundwater Contamination	Unknown
Groundwater Flow Direction	Groundwater is considered to flow towards Burrumbeet Creek.
LFG generation and migration potential The following is noted with respect to landfill gas generation and migration potential: 1. The time since filling ceased at the site is approximately 41 years (based on aerial photographs, VLR and Council Information). 2. Given the age of the landfill, it is likely to be in the final phases of composition giving rise to aerobic conditions within the waste mass. 3. It is unlikely that the landfill was finished with an engineered cap of compacted clay and/or a membrane. 4. Burrumbeet Creek may be acting as a barrier to any lateral landfill gas migration north of Burrumbeet Creek.	

The CSM is represented graphically in Figure 3 in Appendix A.

7 SUMMARY OF FINDINGS

A summary of findings from the landfill gas assessment includes:

- Review of site setting and site investigations indicated the landfill operated from 1964 to 1983, receiving domestic (putrescible) and solid inert waste. Capping was observed to have commenced by 1990 and completed by 2010.
- LFG monitoring completed at the site during 2023-2024 indicates that the landfill is still producing elevated concentrations of methane and carbon dioxide. The highest concentration of methane reported over this time period was 84.4% v/v and the highest concentration of carbon dioxide was 12.9% v/v.
- Five LFG monitoring bores were installed on the site to target the following pathways identified of having the highest risk of landfill gas being present.
 - GB1 – GB3 south of Burrumbeet Creek targeting the lateral gas migration.
 - GB4 and GB5 north of Burrumbeet Creek targeting lateral gas migration (beyond Burrumbeet Creek).
- Five discrete landfill gas monitoring events and continuous gas monitoring was completed on gas bores over the course of a four-week period in Oct - Nov 2024.
- Sampling results from the discrete landfill gas monitoring reported;
 - No concentration of methane above BPEM action level of 1.0% v/v;
 - Thirteen (13) exceedances of the BPEM action level for carbon dioxide 1.5%;
 - Limited to negligible flow rates.
- Sampling results from the continuous landfill gas monitoring reported;
 - Methane concentrations of between 0 - 1.8% v/v in GB1 - GB3.
 - Methane concentrations of 0 - 1.6% v/v in GB5.
 - Carbon dioxide concentration between 2.7 – 6.6 %v/v in GB1-GB3.
- All concentrations above 1.0% v/v for methane and 1.5% v/v for carbon dioxide are exceedances of BPEM action levels.
- The CSM identified three potentially pathways between the former landfill areas and sensitive receptors:
 - Vertical migration of landfill gas via diffusion / advection through landfill cap;
 - Horizontal migration of landfill gas via diffusion and advection, through fissures and subsurface bore spaces; and
 - Partitioning of dissolved methane in groundwater to soil gas/ through fissures and pore spaces or vegetation roots.

8 CONCLUSIONS

Landserv has completed a landfill gas assessment at the former Wendouree Landfill, Lot 1 on Title Plan TP846568, located at Noble Court, Mount Rowan, Victoria.

Historical gas monitoring from a leachate bore within the landfill indicates that the landfill is still producing methane and carbon dioxide gas.

Methane and carbon dioxide gas concentrations were recorded in monitoring bores located close to the landfill perimeter and beyond, including some concentrations above the adopted assessment criteria (i.e., Landfill BPEM action levels). Limited to negligible flow rate was detected during discrete monitoring events.

In future, further investigations including more wells (both groundwater and gas) and monitoring would be required (at a minimum) to understand the risks posed by the landfill to current and future receptors, and/or considering any alteration to the existing 500 m buffer distance. Information gaps to be considered (but not limited to) include the spatial distribution of bores, temporal data, pathway analysis of dissolved methane in groundwater, the implications of the proposed development of PSP on the local water table levels (up or down) and delineation of the inferred landfill waste boundary.

These findings and all conclusions and advice in this report are subject to the limitations and assumptions made herein.

9 REFERENCES

Environment Protection Authority Victoria, *Best Practice Environmental Management: Siting, Design, Operation and Rehabilitation of Landfills*, Publication 788.3, August 2015.

Environment Protection Authority Victoria, *Assessing planning proposals within the buffer of a landfill*, Publication 1642, October 2017.

Environment Protection Authority Victoria, *Landfill gas fugitive emissions monitoring guideline*, Publication 1684, February 2018.

Environment Protection Authority Victoria, *Landfill buffer guideline*, August 2024.

Federation University Australia, "Visualising Victoria's Groundwater" (internet data portal). Centre for eResearch and Digital Innovation, Federation University Australia, Mt Helen, Ballarat, Victoria. Retrieved 11 September 2024, from: <http://www.vvg.org.au>.

Geological Survey of Victoria, 'Ballarat' 1:50,000 Geological Map Series, Reference 7622-1 Edition 1, June 1996.

Jacobs Group (Australia) Pty Ltd, Land Capability Assessment, Ballarat North Precinct Structure Plan, 22 December 2023.

Senversa Pty Ltd, Preliminary Site Investigation, Closed Wendouree Landfill, Noble Court, Mount Rowan, Victoria, 13 December 2021.

SMEC Pty Ltd, Historic Landfills: Bore Installation Report, 1 March 2024.

SMEC Pty Ltd, Historic Landfills: CoB Closed Landfill LFG Monitoring, 17 July 2024.

SMEC Pty Ltd, Historic Landfills: CoB Closed Landfill Water Monitoring, 17 July 2024.

SMEC Pty Ltd, Historic Landfills: CoB Closed Landfill LFG Monitoring, 2 July 2024.

SMEC Pty Ltd, Historic Landfills: CoB Closed Landfill LFG Monitoring, 29 August 2024.

10 LIMITATIONS

This report has been prepared by Landserv Pty Limited (Landserv) only for the use by the City of Ballarat, Environmental Auditor (Mr John Nolan) and the regulatory authorities or agencies directly involved with the project. No other parties should rely on the information in this report without prior written consent from Landserv and the City of Ballarat.

Landserv has performed its services for this project in accordance with the scope of work commissioned by the City of Ballarat in a manner consistent with the level of quality and skill generally exercised by members of its profession.

It should be noted that geological, environmental and contamination conditions often vary from conditions observed at the locations where investigation data has been obtained. Limited data can therefore result in uncertainty in the interpretation of geological, environmental and contamination conditions.

Geological, environmental and contamination conditions also often vary with the passing of time after the data is obtained, as do regulatory requirements, laws and guideline criteria.

Despite Landserv's due professional care, all of these uncertainties should be considered in relying and acting on the information contained in our reports. This is particularly so if few locations have been sampled, if a report is used after a significant delay in time, if regulations and guideline criteria are known to have changed, or if a change is proposed to the land use for the site.

Opinions and recommendations in our reports are based on the information available to Landserv at the time of undertaking the works, including the information gained during the project. The information we report relating to the condition of the subject Site for each project is considered to be sufficiently accurate for the purposes stated in the report at the time the document is issued.

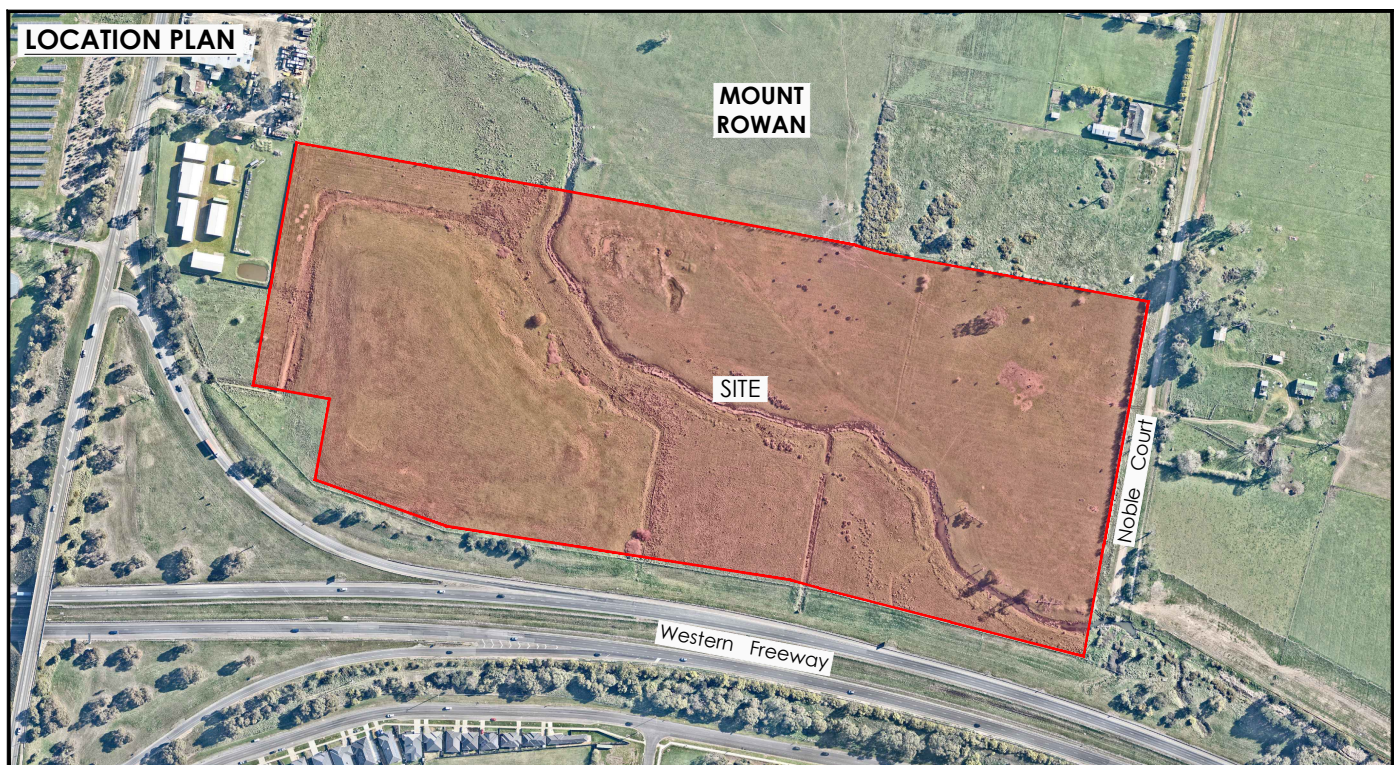
No warranty of site conditions is intended.

11 ABBREVIATIONS

AHD	Australian Height Datum
AS	Australia Standard
BGL	Below Ground Level
BH	Bore Hole
BoM	Bureau of Meteorology
BPEM	Best Practice Environmental Management
BYDA	Before You Dig Australia
CIRIA	Construction Industry Research and Information Association
CH ₄	Methane
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CS	Characteristic Situation
CSM	Conceptual Site Model
DELWP	Department of Environment, Land, Water and Planning
DPM	Damp Proof Membrane
EPA	Environment Protection Authority
GSV	Gas Screening Value
H ₂ S	Hydrogen Sulphide
ID	Identification
LFG	Landfill Gas
LFGR	Landfill Gas Risk Assessment
LFGRAP	Landfill Gas Remediation Action Plan
MGA	Map Grid of Australia
MSWLF	Municipal Solid Waste Landfill
O ₂	Oxygen
PIW	Prescribed Industrial Waste
SPI	Standard Parcel Identifier
VLIR	Victorian Landfill Register
VVG	Visualising Victorian's Groundwater

Appendix A

Figures



Project Number : LS0145	Figure : 1	Date : 2/12/2024	LEGEND : Site Boundary
Drawn By : P.Bazalicki	Revision : A	Vertical Datum : Australian Height Datum	
Checked By : A.Wigley	Horizontal Datum: MGA Zone 54 based on GDA2020 Datum		
Data Sources : - Nearmap Aerial Photography, Sep 2024 - Vicmap Property Boundaries, Sep 2024		Scale : 050100150200250 Scale in metres	Zone 54 MGA Mapping Note: All map locations are approximate only.

Landserv

Environment

GEELONG OFFICE

14 Albert Street,

Geelong West Vic 3218

T: 03 5222 4173

PO Box 1628 Geelong VIC 3220

MELBOURNE OFFICE

Suite 97, Level 4, 80 Market St,

South Melbourne Vic 3205

T: 03 9646 0833

Email admin@landserv.com.au

www.landserv.com.au

CLIENT : CITY OF BALLARAT

LOCATION : Noble Ct (Former Landfill), Mt Rowan, VIC

FIGURE TITLE : SITE LOCALITY PLAN

LS0145_Fig1_Site Locality Plan.dwg



LEGEND :

- Site Boundary
- ⊕ GB1 *Gas Bore Location
- ⊕ GW2 Existing Groundwater Bore (Approx. location)
- ⊕ LB2 Existing Leachate Bore (Approx. location)

Project Number : LS0145

Drawn By : P.Bazalicki

Checked By : F.Hollands

Data Sources :

- Nearmap Aerial Photography, Sep 2024
 - VICMAP Property Boundaries, Sep 2024
 - *Landserv Gas Bore Survey, Oct 2024
- Mapping Note: All bore locations are approximate only.

Figure : 2 **Date :** 26/11/2024

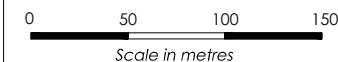
Revision : A

Vertical Datum : Australian Height Datum

Horizontal Datum : MGA Zone 54 based on GDA2020 Datum



Scale :



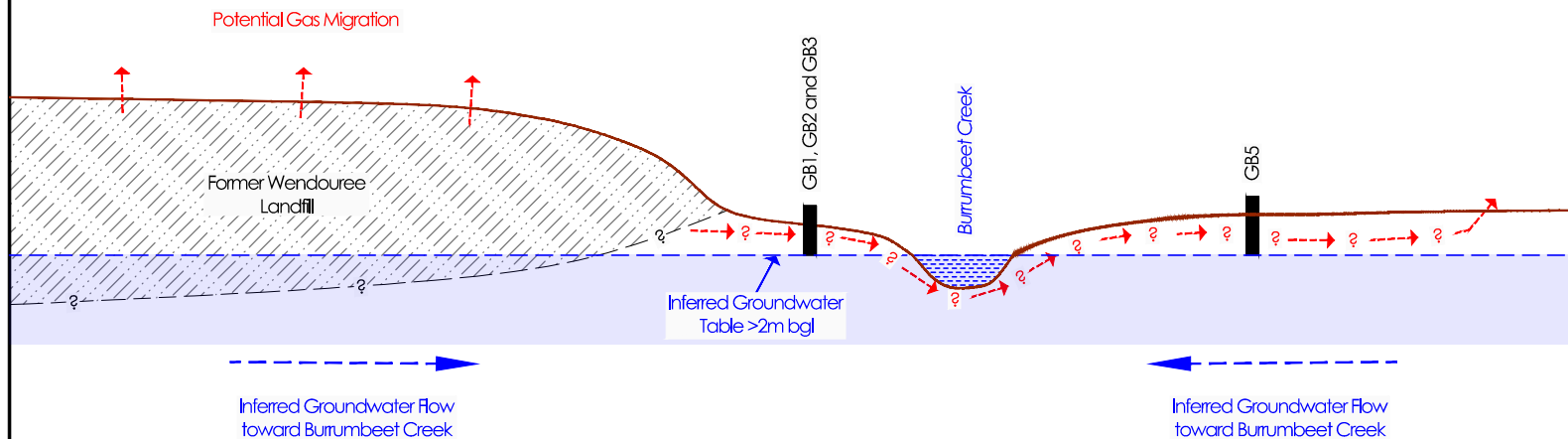
CLIENT : CITY OF BALLARAT

LOCATION : Noble Ct (Former Landfill), Mt Rowan, VIC

FIGURE TITLE : BORE LOCATION PLAN

South

North



LEGEND :

Project Number : LS0145

Drawn By : P.Bazalicki

Checked By : A.Wigley

Data Sources :

Figure : 3 Date : 15/4/2025

Revision : A

Vertical Datum : N/A

Horizontal Datum: N/A

Scale :

Not to Scale

CLIENT : CITY OF BALLARAT

LOCATION : Fomer Wendouree Landfill, Mt Rowan, VIC

FIGURE TITLE : CONCEPTUAL CROSS SECTION

Appendix B

Site Photographs



Photograph 1

Wendouree Landfill, facing east

Landfill Gas Bore Installation, 1 October 2024

Wendouree Landfill Gas Investigation, City of Ballarat



Photograph 2

General soil profile consisting of clay

Landfill Gas Bore Installation, 1 October 2024

Wendouree Landfill Gas Investigation, City of Ballarat



Photograph 3

Installed bore and monument cover

Landfill Gas Bore Installation, 1 October 2024

Wendouree Landfill Gas Investigation, City of Ballarat



Photograph 4

Soil cuttings from GB5

Landfill Gas Bore Installation, 15 October 2024

Wendouree Landfill Gas Investigation, City of Ballarat



Photograph 5

Creek water level

Landfill Gas Bore Installation, 15 October 2024

Wendouree Landfill Gas Investigation, City of Ballarat



Photograph 6

Creek water level

Landfill Gas Bore Installation, 29 October 2024

Wendouree Landfill Gas Investigation, City of Ballarat



Landserv
Environment

Photograph 7

Creek water level

Landfill Gas Bore Installation, 6 November 2024

Wendouree Landfill Gas Investigation, City of Ballarat

Appendix C

Bore Installation Logs

CLIENT: City of Ballarat
JOB NUMBER: LS0145
LOCATION: Wendouree Landfill
DATE: 1/10/24
LOGGED BY: FH
CHECKED BY: LJ

OPERATOR: Landserv
PLANT EQUIPMENT: Hand Auger
DATUM/ZONE: MGA-GDA94-Zone 54
EASTING: 220032.195
NORTHING: 5843112.096

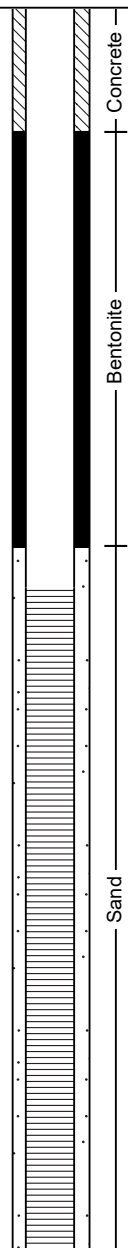
BORE DEPTH: 1.5 m
CASING LENGTH: 0.7 m
CASING DIAMETER: 50 mm
SCREEN LENGTH: 0.8 m
SCREEN DIAMETER: 50 mm

WELL HEAD COVER: Monument

CASING: Class 18 uPVC

SCREEN: Class 18 uPVC Factory Slotted

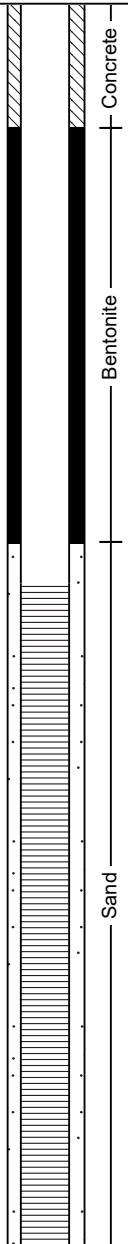
COMMENTS: Fitted with gas-tight quick-fit gas sampling port. Approx. 1m stick up

Elevation (m)	Depth (mBGL)	Graphic Log	Description of Strata (Colour, Texture, Structure)	Drilling Method	Bore Construction Details
429.5			Silty CLAY: Brown, low plasticity, soft, organic matter, moist	Hand Auger	
429.4	0.1				
429.3	0.2				
429.2	0.3		CLAY: Grey, high plasticity, firm, moist		
429.1	0.4				
429	0.5				
428.9	0.6		Becoming pale grey		
428.8	0.7				
428.7	0.8		CLAY: Pale brown grey yellow mottled, high plasticity, soft, trace fine sand, moist		
428.6	0.9				
428.5	1				
428.4	1.1				
428.3	1.2				
428.2	1.3				
428.1	1.4		Becoming wet		
428	1.5		Termination Depth: 1.5 m BGL		
427.9	1.6				

CLIENT: City of Ballarat	OPERATOR: Landserv	BORE DEPTH: 1.5 m
JOB NUMBER: LS0145	PLANT EQUIPMENT: Hand Auger	CASING LENGTH: 0.7 m
LOCATION: Wendouree Landfill	DATUM/ZONE: MGA-GDA94-Zone 54	CASING DIAMETER: 50 mm
DATE: 1/10/24	EASTING: 219904.853	SCREEN LENGTH: 0.8 m
LOGGED BY: FH	NORTHING: 5843200.615	SCREEN DIAMETER: 50 mm
CHECKED BY: LJ		

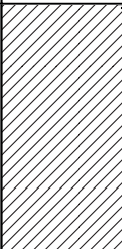
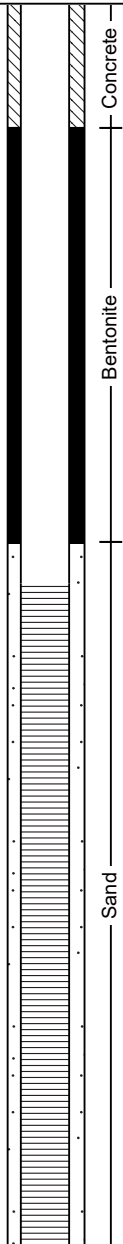
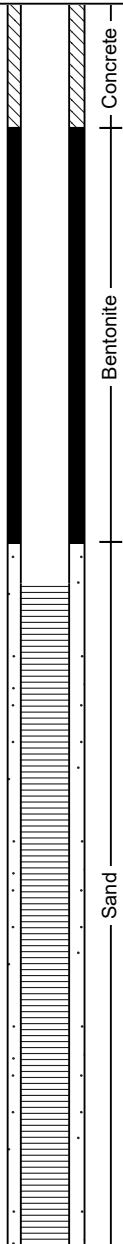
WELL HEAD COVER: Monument	CASING: Class 18 uPVC	SCREEN: Class 18 uPVC Factory Slotted
----------------------------------	------------------------------	--

COMMENTS: Fitted with gas-tight quick-fit gas sampling port. Approx. 1m stick up

Elevation (m)	Depth (mBGL)	Graphic Log	Description of Strata (Colour, Texture, Structure)	Drilling Method	Bore Construction Details
429.8	0.1		Clayey SILT: Brown, low plasticity, soft, organic matter, moist	Hand Auger	
429.7	0.2				
429.6	0.3		CLAY: Grey brown, high plasticity, firm, moist		
429.5	0.4		Becoming brown orange mottled		
429.4	0.5		Becoming stiff		
429.3	0.6				
429.2	0.7				
429.1	0.8		CLAY: Yellow brown mottled, high plasticity, firm, moist		
429	0.9				
428.9	1				
428.8	1.1		CLAY: Yellow pale grey mottled, high plasticity, soft, trace fine sand, moist		
428.7	1.2				
428.6	1.3				
428.5	1.4				
428.4	1.5		Becoming wet		
428.3	1.6		Termination Depth: 1.5 m BGL		
428.2					

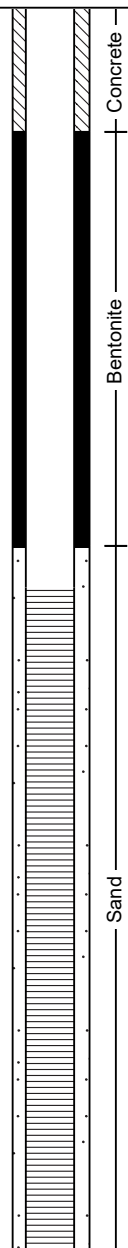
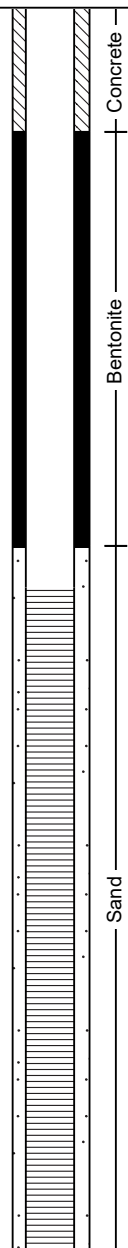
CLIENT: City of Ballarat	OPERATOR: Landserv	BORE DEPTH: 1.5 m
JOB NUMBER: LS0145	PLANT EQUIPMENT: Hand Auger	CASING LENGTH: 0.7 m
LOCATION: Wendouree Landfill	DATUM/ZONE: MGA-GDA94-Zone 54	CASING DIAMETER: 50 mm
DATE: 1/10/24	EASTING: 219786.731	SCREEN LENGTH: 0.8 m
LOGGED BY: FH	NORTHING: 5843339.592	SCREEN DIAMETER: 50 mm
CHECKED BY: LJ		

WELL HEAD COVER: Monument	CASING: Class 18 uPVC	SCREEN: Class 18 uPVC Factory Slotted
COMMENTS: Fitted with gas-tight quick-fit gas sampling port. Approx. 1m stick up		

Elevation (m)	Depth (mBGL)	Graphic Log	Description of Strata (Colour, Texture, Structure)	Drilling Method	Bore Construction Details
428.8	0.1		Clayey SILT: Brown, low plasticity, soft, organic matter, moist	Hand Auger	
428.7	0.2				
428.6	0.3		Silty CLAY: Brown red mottled, low plasticity, firm, trace fine sand, moist		
428.5	0.4				
428.4	0.5				
428.3	0.6				
428.2	0.7		Silty CLAY with trace Gravel: Brown orange mottled, low plasticity, firm, trace fine sub-rounded gravel, moist		
428.1	0.8				
428	0.9		CLAY: Pale brown, high plasticity, firm, trace gravel, moist	Hand Auger	
427.9	1				
427.8	1.1				
427.7	1.2		CLAY: Yellow pale grey mottled, high plasticity, firm, trace fine sand, moist		
427.6	1.3				
427.5	1.4				
427.4	1.5		Becoming wet		
427.3	1.6		Termination Depth: 1.5 m BGL		
427.2					

CLIENT: City of Ballarat	OPERATOR: Landserv	BORE DEPTH: 1.5 m
JOB NUMBER: LS0145	PLANT EQUIPMENT: Hand Auger	CASING LENGTH: 0.7 m
LOCATION: Wendouree Landfill	DATUM/ZONE: MGA-GDA94-Zone 54	CASING DIAMETER: 50 mm
DATE: 1/10/24	EASTING: 219993.100	SCREEN LENGTH: 0.8 m
LOGGED BY: FH	NORTHING: 5843315.863	SCREEN DIAMETER: 50 mm
CHECKED BY: LJ		

WELL HEAD COVER: Monument	CASING: Class 18 uPVC	SCREEN: Class 18 uPVC Factory Slotted
COMMENTS: Fitted with gas-tight quick-fit gas sampling port. Approx. 1m stick up		

Elevation (m)	Depth (mBGL)	Graphic Log	Description of Strata (Colour, Texture, Structure)	Drilling Method	Bore Construction Details
432.7			Silty CLAY: Brown, low plasticity, firm, organic matter, moist	Hand Auger	
432.6	0.1				
432.5	0.2		Silty CLAY: Grey, high plasticity, stiff, moist		
432.4	0.3				
432.3	0.4				
432.2	0.5				
432.1	0.6				
432	0.7		CLAY with trace Gravel: Brown yellow mottled, high plasticity, firm, trace fine sub-rounded gravel, moist	Hand Auger	
431.9	0.8				
431.8	0.9				
431.7	1				
431.6	1.1		CLAY: Yellow pale grey mottled, high plasticity, firm, trace fine sand, moist		
431.5	1.2				
431.4	1.3				
431.3	1.4		Becoming soft and wet		
431.2	1.5		Termination Depth: 1.5 m BGL		
431.1	1.6				

CLIENT: City of Ballarat	OPERATOR: Landserv	BORE DEPTH: 1.3 m
JOB NUMBER: LS0145	PLANT EQUIPMENT: Hand Auger	CASING LENGTH: 0.7 m
LOCATION: Wendouree Landfill	DATUM/ZONE: MGA-GDA94-Zone 54	CASING DIAMETER: 50 mm
DATE: 15/10/24	EASTING: 219968.881	SCREEN LENGTH: 0.55 m
LOGGED BY: FH	NORTHING: 5843268.746	SCREEN DIAMETER: 50 mm
CHECKED BY: LJ		

WELL HEAD COVER: Monument	CASING: Class 18 uPVC	SCREEN: Class 18 uPVC Factory Slotted
----------------------------------	------------------------------	--

COMMENTS: Fitted with gas-tight quick-fit gas sampling port. Approx. 1m stick up

Elevation (m)	Depth (mBGL)	Graphic Log	Description of Strata (Colour, Texture, Structure)	Drilling Method	Bore Construction Details
434.5			Clayey sandy SILT: pale grey white, dense to hard, fine grained, dry		
434.4	0.1				
434.3	0.2				
434.2	0.3				
434.1	0.4				
434	0.5				
433.9	0.6				
433.8	0.7				
433.7	0.8				
433.6	0.9				
433.5	1				
433.4	1.1				
433.3	1.2				
433.2	1.3		Termination Depth: 1.3 m BGL		
433.1	1.4				
433	1.5				
432.9	1.6				

Appendix D

Equipment Calibration Certificates

Equipment Calibration Form
GA5000



Enqip #: 23295
Company: Landserv
Consultant: Fletcher Hollands
PO #: LSA0145
Certificate #: 34483

INSTRUMENT IDENTIFICATION

Model Number: GA5KA0F-100
Serial Number: K-234902 G501042
Instrument Type: GTI - GA5000

INSPECTION RECORD

Date & Time: PASS
Flow Rate: 675 mL/min

CALIBRATION DETAILS

Sensor	Standard	Reading	Traceability Lot #
CH ₄	N ₂ UHP	0 %	10013-7
	2.5 %	2.5 %	10369-3
	60 %	60.0 %	10820-3
CO ₂	5 %	5.0 %	10542-2
	40 %	40.0 %	10820-3
O ₂	N ₂ UHP	0 %	10013-7
	18.0 %	18.0 %	10369-3
	20.9 %	20.9 %	N/A
CO	N ₂ UHP	0 ppm	10013-7
	100 ppm	100 ppm	10369-3
H ₂ S	N ₂ UHP	0 ppm	10013-7
	25 ppm	25 ppm	10917-43

Calibration Successful: YES

Calibrated By: Phuong Tran Test Date: 7/10/2024

Calibration Certificate

AirMet Scientific P/L

7-11 Ceylon Street
Nunawading
VIC 3131, Australia
Tel: 03 8878 3300
Fax: 03 8878 3344

This document certifies that the instrument detailed has been calibrated to the parameters

Certificate Print Date: 8-Apr-2024

Call ID / Order No: 267236

Calibration Date: 31-Jan-2024

Job No / Pack No: S2672360004

Next Calibration Due: 30-Jan-2025

Customer: AMS NSW Rental-ID 399982

Serial No: 000012/06/18

Description: GasClam 0-100% CH₄, CO₂, O₂ ATEX IECEx approv

Calibration Summary

Frequency: 365 Days

Temp: 22°C

As Found: In Tolerance

Result: Pass

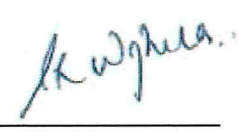
Humidity: 45%

Certificate: S2672360004

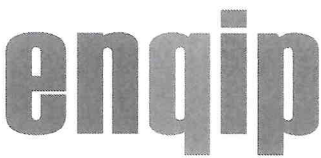
<u>Desc</u>	<u>As Found</u>		<u>As Left (Cal Status)</u>	
	<u>Actual</u>	<u>Result</u>	<u>Actual</u>	<u>Result</u>
H ₂ S ppm	25.4	Pass	25.4	Pass
COppm	100.7	Pass	100.7	Pass
CH ₄ %	59.4	Pass	59.4	Pass
CO ₂ %	39.9	Pass	39.9	Pass
O ₂ % vol	20.9	Pass	20.9	Pass

<u>Standard Used</u>			
<u>Equip ID</u>	<u>Description</u>	<u>Valid Until</u>	<u>Cert</u>
ME1115	UHP N ₂ +99.999%	11/09/2026	PO04506
ME1126	59.7 %CH ₄ in CO ₂ Balance	03/08/2028	03000007146 8/1
ME1172	CH ₄ 50% LEL, CO 100ppm, H ₂ S 25ppm, 18% VOL in N ₂ Balance	21/02/2026	10577
MEFRESHAIR	Ambient Air	29/08/2028	

Completed By: Prashant Waghela

Signed: 

Equipment Calibration Form
GA5000



Enqip #: 23296
Company: Landserv
Consultant: Fletcher Hollands
PO #: LSA0145
Certificate #: 34568

INSTRUMENT IDENTIFICATION

Model Number: GA5KA0F-100
Serial Number: G506198
Instrument Type: GTI - GA5000

INSPECTION RECORD

Date & Time: PASS
Flow Rate: 658 mL/min

CALIBRATION DETAILS

Sensor	Standard	Reading	Traceability Lot #
CH ₄	N ₂ UHP	0 %	10013-7
	2.5 %	2.5 %	10369-3
	60 %	60.0 %	10820-4
CO ₂	5 %	5.0 %	10542-2
	40 %	40.0 %	10820-4
O ₂	N ₂ UHP	0 %	10013-7
	18.0 %	18.0 %	10369-3
	20.9 %	20.9 %	N/A
CO	N ₂ UHP	0 ppm	10013-7
	100 ppm	100 ppm	10369-3
H ₂ S	N ₂ UHP	0 ppm	10013-7
	25 ppm	25 ppm	10917-43

Calibration Successful: YES

Calibrated By: Phuong Tran

Test Date: 14/10/2024



116 Thistlethwaite St, South Melbourne 3205
P 1300 218 987

E bookings@enqip.com.au | W www.enqip.com.au

Equipment Calibration Form

GA5000



Enqip #: 23297
Company: Landserv
Consultant: Fletcher Hollands
PO #: LSA0145
Certificate #: 34655

INSTRUMENT IDENTIFICATION

Model Number: GA5KA0F-100
Serial Number: K-234909
Instrument Type: GTI - GA5000

INSPECTION RECORD

Date & Time: PASS
Flow Rate: 638 mL/min

CALIBRATION DETAILS

Sensor	Standard	Reading	Traceability Lot #
CH ₄	N ₂ UHP	0 %	10013-7
	2.5 %	2.5 %	10369-3
	60 %	60.0 %	10820-4
CO ₂	5 %	5.0 %	10542-2
	40 %	40.0 %	10820-4
O ₂	N ₂ UHP	0 %	10013-7
	18.0 %	18.0 %	10369-3
	20.9 %	20.9 %	N/A
CO	N ₂ UHP	0 ppm	10013-7
	100 ppm	100 ppm	10369-3
H ₂ S	N ₂ UHP	0 ppm	10013-7
	25 ppm	25 ppm	10917-43

Calibration Successful: YES

Calibrated By: Phuong Tran

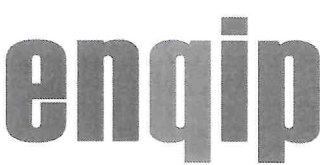
Test Date: 21/10/2024



116 Thistlethwaite St, South Melbourne 3205
P 1300 218 987

E bookings@enqip.com.au | W www.enqip.com.au

Equipment Calibration Form
GA5000



Enqip #: 23298
Company: Landserv
Consultant: Fletcher Hollands
PO #: LSA0145
Certificate #: 34719

INSTRUMENT IDENTIFICATION

Model Number: GA5KA0F-100
Serial Number: GA500129
Instrument Type: GTI - GA5000

INSPECTION RECORD

Date & Time: PASS
Flow Rate: 621 mL/min

CALIBRATION DETAILS

Sensor	Standard	Reading	Traceability Lot #
CH ₄	N ₂ UHP	0 %	10013-7
	2.5 %	2.5 %	10369-3
	60 %	60.0 %	10820-4
CO ₂	5 %	5.0 %	10542-2
	40 %	40.0 %	10820-4
O ₂	N ₂ UHP	0 %	10013-7
	18.0 %	18.0 %	10369-3
	20.9 %	20.9 %	N/A
CO	N ₂ UHP	0 ppm	10013-7
	100 ppm	100 ppm	10369-3
H ₂ S	N ₂ UHP	0 ppm	10013-7
	25 ppm	25 ppm	10917-43

Calibration Successful: YES

Calibrated By: Phuong Tran

Test Date: 28/10/2024



Equipment Calibration Form

GA5000



Enqip #: 23438
Company: Landserv
Consultant: Fletcher Hollands
PO #: LSA0145
Certificate #: 34760

INSTRUMENT IDENTIFICATION

Model Number: GA5KA0F-100
Serial Number: G502985
Instrument Type: GTI - GA5000

INSPECTION RECORD

Date & Time: PASS
Flow Rate: 680 mL/min

CALIBRATION DETAILS

Sensor	Standard	Reading	Traceability Lot #
CH ₄	N ₂ UHP	0 %	10963-1
	2.5 %	2.5 %	10369-3
	60 %	60.0 %	10820-4
CO ₂	5 %	5.0 %	10542-2
	40 %	40.0 %	10820-4
O ₂	N ₂ UHP	0 %	10963-1
	18.0 %	18.0 %	10369-3
	20.9 %	20.9 %	N/A
CO	N ₂ UHP	0 ppm	10963-1
	100 ppm	100 ppm	10369-3
H ₂ S	N ₂ UHP	0 ppm	10963-1
	25 ppm	25 ppm	10917-43

Calibration Successful: YES

Calibrated By: Phuong Tran

Test Date: 4/11/2024



116 Thistlethwaite St, South Melbourne 3205
P 1300 218 987

E bookings@enqip.com.au | W www.enqip.com.au



Calibration Certificate

AirMet Scientific P/L

7-11 Ceylon Street
Nunawading
VIC 3131, Australia
Tel: 03 8878 3300
Fax: 03 8878 3344

This document certifies that the instrument detailed has been calibrated to the parameters

Certificate Print Date: 8-Apr-2024

Call ID / Order No: 267236

Calibration Date: 31-Jan-2024

Job No / Pack No: S2672360004

Next Calibration Due: 30-Jan-2025

Customer: AMS NSW Rental-ID 399982

Serial No: 000012/06/18

Description: GasClam 0-100% CH₄, CO₂, O₂ ATEX IECEx approv

Calibration Summary

Frequency: 365 Days

Temp: 22°C

As Found: In Tolerance

Result: Pass

Humidity: 45%

Certificate: S2672360004

<u>Desc</u>	<u>As Found</u>		<u>As Left (Cal Status)</u>	
	<u>Actual</u>	<u>Result</u>	<u>Actual</u>	<u>Result</u>
H2S ppm	25.4	Pass	25.4	Pass
COppm	100.7	Pass	100.7	Pass
CH ₄ %	59.4	Pass	59.4	Pass
CO ₂ %	39.9	Pass	39.9	Pass
O ₂ % vol	20.9	Pass	20.9	Pass

<u>Standard Used</u>			
<u>Equip ID</u>	<u>Description</u>	<u>Valid Until</u>	<u>Cert</u>
ME1115	UHP N ₂ +99.999%	11/09/2026	PO04506
ME1126	59.7 %CH ₄ in CO ₂ Balance	03/08/2028	03000007146 8/1
ME1172	CH ₄ 50% LEL, CO 100ppm, H ₂ S 25ppm, 18% VOL in N ₂ Balance	21/02/2026	10577
MEFRESHAIR	Ambient Air	29/08/2028	

Completed By: Prashant Waghele

Signed:

Appendix E

Meteorological Data

Date/Time EDT	Temp °C	App Temp °C	Dew Point °C	Rel Hum %	Delta-T °C	Wind					Press QNH hPa	Press MSL hPa	Rain since 9am mm	
						Dir	Spd km/h	Gust km/h	Spd kts	Gust kts				
08/01:30pm	10.9	4.6	3.5	60	3.3	SSE	26	35	14	19	1026.5	1026.5	0.2	
08/01:00pm	10.6	4.1	2.7	58	3.5	SSE	26	32	14	17	1026.6	1026.6	0.2	
08/12:30pm	10.7	4.6	2.5	57	3.6	SSE	24	39	13	21	1026.6	1026.6	0.2	
08/12:00pm	9.6	2.4	2.9	63	2.9	SSE	30	37	16	20	1026.8	1026.8	0	
08/11:30am	9.6	3.8	2.2	60	3.2	SSE	22	35	12	19	1026.8	1026.8	0	
08/11:00am	7.9	1.1	3	71	2.1	SSE	28	35	15	19	1026.9	1026.9	0	
08/10:30am	9.4	2.1	2.7	63	2.9	SE	30	39	16	21	1026.7	1026.7	0	
08/10:00am	8.7	2.2	2.9	67	2.5	SSE	26	37	14	20	1026.6	1026.6	0	
08/09:30am	7.4	1.4	3.6	77	1.7	SSE	24	33	13	18	1026.2	1026.2	0	
08/09:00am	6.5	1.2	3.1	79	1.5	S	20	26	11	14	1025.9	1025.9	5	
08/08:30am	5.4	0.3	2.9	84	1.1	SSE	19	24	10	13	1025.6	1025.5	5	
08/08:00am	3.2	-0.6	1.6	89	0.6	S	11	13	6	7	1025.3	1025.3	5	
08/07:30am	2.1	-2.2	0.9	92	0.5	S	13	15	7	8	1025	1025	5	
08/07:00am	1.4	-4.1	0.4	93	0.4	SSE	19	22	10	12	1024.3	1024.3	5	
08/06:30am	1.4	-3.4	0.1	91	0.5	S	15	19	8	10	1024.1	1024.1	5	
08/06:00am	1.5	-3.3	0.3	92	0.5	S	15	17	8	9	1023.9	1023.9	5	
08/05:30am	2	-3.1	0.8	92	0.5	S	17	20	9	11	1023.8	1023.7	5	
08/05:00am	1.9	-2.4	0.9	93	0.4	S	13	17	7	9	1023.4	1023.3	5	
08/04:30am	1.8	-2.5	0.9	94	0.3	S	13	17	7	9	1023.3	1023.2	5	
08/04:00am	2	-2.3	1.1	94	0.3	SSE	13	15	7	8	1023.3	1023.2	5	
08/03:30am	1.9	-2.4	0.9	93	0.4	SSE	13	15	7	8	1023.4	1023.3	5	
08/03:00am	2.2	-2.1	1	92	0.5	S	13	15	7	8	1023.4	1023.3	5	
08/02:30am	2.6	-1.7	1.3	91	0.5	S	13	15	7	8	1023.4	1023.3	5	
08/02:00am	3.2	-0.6	1.7	90	0.6	S	11	15	6	8	1023.4	1023.3	5	
08/01:30am	3	-1.2	1.5	90	0.6	S	13	17	7	9	1023.2	1023.1	5	
08/01:00am	3.1	-1.1	1.5	89	0.6	S	13	17	7	9	1023	1022.9	5	
08/12:30am	3.1	-0.8	1.3	88	0.7	S	11	15	6	8	1023.1	1023	5	
08/12:00am	3.7	-0.1	1.6	86	0.8	S	11	13	6	7	1023.1	1023	5	
Date/Time EDT	Temp °C	App Temp °C	Dew Point °C	Rel Hum %	Delta-T °C	Wind					Press QNH hPa	Press MSL hPa	Rain since 9am mm	
						Dir	Spd km/h	Gust km/h	Spd kts	Gust kts				
07/11:30pm	3.5	-0.4	1.1	84	1	S	11	13	6	7	1023	1022.9	5	
07/11:00pm	3.9	0	1.3	83	1	S	11	13	6	7	1022.7	1022.7	5	
07/10:30pm	4.9	1.1	1.7	80	1.3	S	11	15	6	8	1022.7	1022.7	5	
07/10:00pm	4.8	0.2	1.8	81	1.2	SSE	15	17	8	9	1022.6	1022.6	5	
07/09:30pm	6.1	2	2.2	76	1.6	S	13	19	7	10	1022.4	1022.4	5	
07/09:00pm	5.7	2.1	2.9	82	1.2	S	11	15	6	8	1022.1	1022.1	5	
07/08:30pm	7.5	3.2	3	73	1.9	S	15	20	8	11	1021.7	1021.6	5	
07/08:00pm	8.2	3.5	2.9	69	2.3	S	17	22	9	12	1021.4	1021.3	5	
07/07:30pm	9.1	4	3.3	67	2.6	SSW	19	26	10	14	1020.9	1020.8	5	
07/07:00pm	9.7	5.1	3.7	66	2.7	SSW	17	26	9	14	1020.6	1020.5	5	
07/06:30pm	10	5.6	4.8	70	2.4	SSW	17	22	9	12	1020.1	1020.1	5	
07/06:00pm	10.2	5.4	5.8	74	2.1	SSW	20	30	11	16	1019.5	1019.4	5	
07/05:30pm	11.2	6.6	6.5	73	2.3	SSW	20	32	11	17	1019.2	1019.1	5	
07/05:00pm	11.8	6.6	7.3	74	2.2	SSW	24	33	13	18	1018.8	1018.7	5	
07/04:30pm	11.6	6	7.3	75	2.1	SSW	26	39	14	21	1018.4	1018.3	5	
07/04:00pm	11.5	5.8	8.5	82	1.5	SW	28	43	15	23	1018	1018	5	
07/03:54pm	11.8	6.4	9.5	86	1.2	SW	28	46	15	25	1017.9	1017.9	5	
07/03:30pm	13.9	8.2	8.3	69	2.9	SW	28	41	15	22	1017.5	1017.4	4.2	
07/03:00pm	13.6	8.6	9.6	77	2.1	SW	26	39	14	21	1017.5	1017.4	4.2	
07/02:30pm	13.8	8	9.3	74	2.3	WSW	30	39	16	21	1017.3	1017.2	4.2	
07/02:09pm	11.8	6.7	9.2	84	1.3	WSW	26	37	14	20	1017.4	1017.3	4.2	
07/02:00pm	11.4	6.8	9.7	89	0.9	WSW	24	35	13	19	1017.5	1017.4	4.2	
07/01:53pm	11.2	6.6	9.8	91	0.7	WSW	24	35	13	19	1017.5	1017.4	4.2	
07/01:35pm	11.2	7.6	10	92	0.6	WSW	19	26	10	14	1017.4	1017.3	4.2	
07/01:30pm	11.2	7.4	9.8	91	0.7	WSW	20	32	11	17	1017.4	1017.3	4	
07/01:07pm	10.1	5.3	8.9	92	0.6	SW	24	35	13	19	1017.2	1017.1	4	
07/01:01pm	10.4	4.9	9.2	92	0.6	WSW	28	41	15	22	1017.2	1017.1	3.6	
07/01:00pm	10.4	4.9	9.2	92	0.6	WSW	28	41	15	22	1017.1	1017	3.6	
07/12:33pm	14.6	8.3	9.6	72	2.6	W	33	52	18	28	1016.5	1016.4	3.6	

07/12:30pm	15	8.9	10.6	75	2.4	W	33	43	18	23	1016.5	1016.4	3.6
07/12:00pm	13.9	8.8	10.7	81	1.7	W	28	41	15	22	1016.5	1016.4	3.6
07/11:30am	11.7	5.6	9.9	89	0.9	W	32	43	17	23	1016.5	1016.4	3.6
07/11:09am	11.7	6.5	10.1	90	0.8	W	28	44	15	24	1016.4	1016.3	3.6
07/11:02am	11.9	7.3	11	94	0.5	W	26	33	14	18	1016.4	1016.3	3.6
07/11:00am	11.7	7	10.8	94	0.5	W	26	33	14	18	1016.3	1016.2	3.6
07/10:38am	11.4	6.3	10.6	95	0.4	W	28	39	15	21	1016.1	1016	3.4
07/10:30am	11.3	6.1	10.4	94	0.5	W	28	41	15	22	1016	1015.9	3
07/10:10am	11.5	7.5	10.4	93	0.6	WNW	22	30	12	16	1016	1015.9	1
07/10:00am	11.7	7.7	10.4	92	0.7	WNW	22	30	12	16	1015.7	1015.5	0.4
07/09:44am	11.5	7.9	10.6	94	0.5	NW	20	26	11	14	1015.5	1015.4	0.4
07/09:37am	11.5	7.9	10.7	95	0.4	NW	20	24	11	13	1015.5	1015.4	0.4
07/09:30am	11.1	7.4	10.2	94	0.5	NW	20	26	11	14	1015.7	1015.5	0.4
07/09:26am	11.1	7.6	10.2	94	0.5	WNW	19	28	10	15	1015.7	1015.5	0.4
07/09:13am	11	7.2	9.9	93	0.6	WNW	20	28	11	15	1015.7	1015.5	0.2
07/09:03am	11.3	7.1	9.6	89	0.9	WNW	22	32	12	17	1015.5	1015.4	0
07/09:00am	11.4	7.8	9.7	89	0.9	WNW	19	30	10	16	1015.4	1015.3	0.2
07/08:32am	10.7	6.3	9.1	90	0.8	NNW	22	32	12	17	1015	1014.9	0.2
07/08:30am	10.7	6	9.1	90	0.8	N	24	32	13	17	1014.9	1014.8	0.2
07/08:25am	10.6	5.4	9	90	0.8	N	26	35	14	19	1014.8	1014.7	0.2
07/08:00am	10.3	4.7	8.9	91	0.7	N	28	33	15	18	1014.4	1014.3	0.2
07/07:30am	10.1	4.9	8.7	91	0.7	N	26	32	14	17	1014.3	1014.2	0.2
07/07:00am	9.4	4.8	8.3	93	0.5	N	22	28	12	15	1014	1013.9	0.2
07/06:30am	8.8	3.7	7.7	93	0.5	N	24	30	13	16	1013.9	1013.7	0.2
07/06:00am	10.1	4.7	8.2	88	0.9	NNW	26	32	14	17	1013.7	1013.5	0.2
07/05:30am	10.3	5	8.4	88	0.9	NNW	26	33	14	18	1013.4	1013.2	0.2
07/05:00am	10.1	5.2	8.5	90	0.8	NNW	24	30	13	16	1013.4	1013.2	0.2
07/04:30am	10.1	5.6	8.5	90	0.8	NNW	22	30	12	16	1013.4	1013.2	0.2
07/04:00am	10.4	5.9	8.7	89	0.9	NW	22	28	12	15	1013.5	1013.3	0.2
07/03:30am	10.8	7.8	9.1	89	0.9	NW	15	20	8	11	1013.7	1013.5	0.2
07/03:00am	10.2	7.3	8.3	88	0.9	NNW	13	15	7	8	1013.9	1013.7	0.2
07/02:30am	11.7	7.6	8.7	82	1.5	WNW	20	28	11	15	1014.1	1014	0.2
07/02:00am	11.7	8.7	9.3	85	1.2	WNW	15	20	8	11	1014.1	1014	0.2
07/01:30am	11.8	7.8	9	83	1.4	NW	20	28	11	15	1014.2	1014.1	0.2
07/01:00am	11.8	6.1	8.5	80	1.7	NNW	28	37	15	20	1014.1	1014	0.2
07/12:30am	11.4	5.5	7.7	78	1.8	NNW	28	35	15	19	1013.9	1013.7	0.2
07/12:00am	11.6	4.8	7.1	74	2.2	NNW	32	39	17	21	1013.7	1013.5	0.2

Date/Time EDT	Temp °C	App Temp °C	Dew Point °C	Rel Hum %	Delta-T °C	Wind					Press QNH hPa	Press MSL hPa	Rain since 9am mm
						Dir	Spd km/h	Gust km/h	Spd kts	Gust kts			
06/11:30pm	11.2	6	7.1	76	2	NNW	24	30	13	16	1014	1013.9	0.2
06/11:00pm	11.3	6.1	7.2	76	2	NNW	24	30	13	16	1014.1	1014	0.2
06/10:30pm	10.9	5.6	7	77	1.9	NNW	24	28	13	15	1014.6	1014.5	0.2
06/10:00pm	11.4	5.7	6.9	74	2.2	NNW	26	32	14	17	1014.5	1014.4	0.2
06/09:30pm	11.9	6.7	7.2	73	2.3	NNW	24	33	13	18	1014.3	1014.2	0.2
06/09:00pm	9.9	5.6	6.8	81	1.5	N	19	20	10	11	1014.1	1014	0.2
06/08:30pm	10.5	6.5	6.6	77	1.9	NNW	17	19	9	10	1014.1	1014	0.2
06/08:00pm	12.7	8.3	7.2	69	2.7	WNW	20	26	11	14	1014.1	1014	0.2
06/07:30pm	13.5	8.3	7.3	66	3.1	WNW	24	32	13	17	1014	1013.9	0.2
06/07:00pm	14.1	9.2	6.9	62	3.6	WNW	22	33	12	18	1013.5	1013.3	0.2
06/06:30pm	15.2	10.9	7	58	4.1	WNW	19	26	10	14	1013.3	1013.1	0.2
06/06:00pm	14.9	10.5	7.5	61	3.7	WNW	20	26	11	14	1013.1	1013	0.2
06/05:32pm	15.7	9.4	5.9	52	4.8	WNW	28	50	15	27	1012.9	1012.8	0.2
06/05:30pm	16.1	10.3	6.3	52	4.9	WNW	26	50	14	27	1012.8	1012.7	0.2
06/05:00pm	15.4	8.9	6.7	56	4.4	WNW	30	41	16	22	1012.7	1012.6	0.2
06/04:30pm	15.5	9.4	6.5	55	4.5	WNW	28	39	15	21	1012.7	1012.6	0.2
06/04:00pm	16.5	10.4	6.6	52	5	WNW	28	43	15	23	1012.5	1012.4	0.2
06/03:30pm	16.3	10.7	7.3	55	4.6	WNW	26	35	14	19	1012.4	1012.3	0.2
06/03:00pm	16.3	10.7	7	54	4.7	WNW	26	39	14	21	1012.5	1012.4	0.2
06/02:30pm	15.6	10	7.1	57	4.3	W	26	35	14	19	1012.6	1012.5	0.2
06/02:00pm	15.8	9.2	7.6	58	4.2	WNW	32	43	17	23	1012.6	1012.5	0
06/01:30pm	15.7	9.6	6.7	55	4.5	W	28	41	15	22	1012.5	1012.4	0
06/01:00pm	14.8	9	8.1	64	3.4	W	28	39	15	21	1012.6	1012.5	0
06/12:30pm	14	7.9	8.2	68	3	W	30	43	16	23	1012.4	1012.3	0

06/12:00pm	12.9	6.1	7.1	68	2.9	W	32	41	17	22	1012.3	1012.2	0
06/11:30am	12.2	6.2	7.1	71	2.5	W	28	39	15	21	1012	1011.8	0
06/11:00am	11.9	5.7	7.8	76	2	W	30	46	16	25	1011.8	1011.6	0
06/10:30am	11.1	5	8.1	82	1.5	W	30	41	16	22	1011.4	1011.2	0
06/10:00am	10.2	4.8	7.8	85	1.2	W	26	39	14	21	1011	1010.8	0
06/09:30am	10.5	4.2	7.4	81	1.5	W	30	41	16	22	1010.4	1010.3	0
06/09:00am	9.7	3.3	7.1	84	1.3	W	30	41	16	22	1009.9	1009.7	12.6
06/08:30am	9.7	4.1	7.1	84	1.3	W	26	37	14	20	1009.5	1009.3	12.6
06/08:00am	9.1	3.4	6.9	86	1.1	W	26	41	14	22	1009	1008.8	12.6
06/07:30am	8.8	2.7	6.8	87	1	W	28	35	15	19	1008.4	1008.2	12.6
06/07:00am	8.8	2.8	6.9	88	0.9	W	28	41	15	22	1007.9	1007.7	12.6
06/06:30am	9.1	3.6	7.4	89	0.8	W	26	35	14	19	1007.4	1007.2	12.6
06/06:00am	9	3.4	7.3	89	0.8	W	26	32	14	17	1007.1	1006.9	12.6
06/05:30am	8.9	3.3	7	88	0.9	WSW	26	35	14	19	1006.7	1006.5	12.6
06/05:00am	8.8	3.6	7.1	89	0.8	W	24	32	13	17	1006.3	1006.1	12.6
06/04:50am	8.8	2.8	7.1	89	0.8	W	28	35	15	19	1006.2	1006	12.6
06/04:44am	8.7	3.1	7	89	0.8	W	26	35	14	19	1006.2	1006	12.6
06/04:30am	9.4	4.1	8.6	95	0.4	W	26	35	14	19	1006.3	1006.1	12.4
06/04:11am	9.7	3.4	8.9	95	0.4	NNW	32	39	17	21	1004.8	1004.6	10.2
06/04:06am	9.7	3.2	8.8	94	0.5	NNW	33	41	18	22	1004.7	1004.5	10
06/04:00am	9.7	3.2	8.8	94	0.5	NNW	33	43	18	23	1004.6	1004.4	9.6
06/03:30am	9.8	3.4	8.6	92	0.6	NNW	32	41	17	22	1004.7	1004.5	9.6
06/03:17am	9.7	3.1	8.5	92	0.6	NNW	33	44	18	24	1005	1004.8	9.6
06/03:00am	9.8	3.4	8.6	92	0.6	NNW	32	41	17	22	1005.3	1005.1	9.6
06/01:56am	9.8	3.8	8.6	92	0.6	NNW	30	41	16	22	1005.3	1005.1	9.6
06/01:30am	9.6	3.5	8.2	91	0.7	NNW	30	39	16	21	1005.4	1005.2	9.6
06/01:00am	9.6	4.2	7.9	89	0.8	NNW	26	32	14	17	1005.8	1005.6	9.6
06/12:30am	9.5	4.6	8.3	92	0.6	NNW	24	32	13	17	1006.4	1006.2	9.6
06/12:00am	9	4.3	7.9	93	0.5	NNW	22	28	12	15	1006.5	1006.3	9.6

Date/Time EDT	Temp °C	App Temp °C	Dew Point °C	Rel Hum %	Delta-T °C	Wind					Press QNH hPa	Press MSL hPa	Rain since 9am mm
						Dir	Spd km/h	Gust km/h	Spd kts	Gust kts			
05/11:30pm	8.9	4.6	8	94	0.4	N	20	26	11	14	1006.4	1006.2	9.6
05/11:00pm	8.4	4.7	7.8	96	0.3	NNW	17	20	9	11	1006.9	1006.7	9.6
05/10:30pm	8.1	4.7	7.7	97	0.2	N	15	19	8	10	1007.1	1006.9	9.6
05/10:00pm	8	5.6	7.2	95	0.4	NW	9	11	5	6	1007.3	1007.1	9.6
05/09:30pm	9.3	7.3	8.5	95	0.4	NW	9	11	5	6	1007.5	1007.3	9.4
05/09:00pm	9.5	7.5	8.7	95	0.4	NW	9	11	5	6	1007.4	1007.2	9.4
05/08:30pm	9.6	7.6	8.8	95	0.4	NW	9	13	5	7	1007.6	1007.4	9.4
05/08:00pm	9.5	7.5	8.7	95	0.4	NW	9	11	5	6	1007.2	1007	9.4
05/07:30pm	9.5	7	8.4	93	0.5	WNW	11	15	6	8	1007	1006.8	9.4
05/07:00pm	9.6	6.8	8.5	93	0.6	W	13	19	7	10	1006.8	1006.6	9
05/06:39pm	9.6	6	8.5	93	0.5	WSW	17	20	9	11	1006.7	1006.5	9
05/06:30pm	9.6	5.7	8.5	93	0.5	WSW	19	28	10	15	1006.7	1006.5	9
05/06:00pm	10.6	7.3	9.7	94	0.5	W	17	24	9	13	1006.6	1006.4	9
05/05:50pm	10.5	7.2	9.7	95	0.4	WNW	17	26	9	14	1006.6	1006.4	8.8
05/05:30pm	10.5	6.8	9.4	93	0.6	WNW	19	26	10	14	1006.4	1006.2	8.6
05/05:00pm	10.7	5.6	9.1	90	0.8	WNW	26	32	14	17	1006	1005.7	8
05/04:30pm	10.6	7.3	9.7	94	0.5	NW	17	20	9	11	1005.7	1005.5	7.4
05/04:00pm	10.5	7.2	9.6	94	0.5	NNW	17	22	9	12	1005.5	1005.3	7.2
05/03:40pm	10.6	6.7	9.5	93	0.6	WNW	20	28	11	15	1005.3	1005.1	7.2
05/03:30pm	10.4	6.7	9.3	93	0.6	W	19	28	10	15	1005.3	1005.1	6.8
05/03:29pm	10.4	6.7	9.3	93	0.6	W	19	28	10	15	1005.3	1005.1	6.8
05/03:19pm	10.6	6.2	9	90	0.8	W	22	35	12	19	1005.6	1005.4	4.8
05/03:17pm	11.2	7.4	9.8	91	0.7	WNW	20	35	11	19	1005.7	1005.5	3.4
05/03:00pm	12	9.2	10.1	88	1	W	15	19	8	10	1005	1004.8	0.8
05/02:30pm	13.7	8.7	9.4	75	2.2	NW	26	39	14	21	1005.2	1005	0
05/02:00pm	13.6	8.7	9.8	78	2	NNW	26	35	14	19	1005.3	1005.1	0
05/01:30pm	14	9.9	10.2	78	2	NW	22	32	12	17	1005.6	1005.4	0
05/01:00pm	13.1	8.5	9.5	79	1.9	NW	24	32	13	17	1005.5	1005.3	0

Tuesday's Observations (15 October 2024)								
Time(AEDT)	Temp(°C)	Feels Like(°C)	Humidity(%)	Wind Direction	Wind Speed(km/h) (<i>knots</i>)	Wind Gust(km/h) (<i>knots</i>)	Pressure (hPa)	Rainfall since 9 am (mm)
11:30 PM	14.4	11.9	87	NE	17 9	20 11	1018.1	0.2
11:00 PM	15	14	84	ESE	9 5	15 8	1017.7	0
10:30 PM	14.9	12.8	85	ESE	15 8	19 10	1017.9	0
10:00 PM	14.8	13.2	87	SE	13 7	17 9	1018.3	0
9:30 PM	14.6	12.5	87	SE	15 8	20 11	1018.4	0
9:00 PM	14.6	12.6	88	SE	15 8	20 11	1018.2	0
8:30 PM	14.4	12.3	88	S	15 8	22 12	1018	0
8:00 PM	14.5	11.5	85	SW	19 10	28 15	1017.9	0
7:30 PM	14.6	10.4	86	SW	26 14	35 19	1018.1	0
7:00 PM	15.7	10	77	WNW	33 18	43 23	1018	0
6:48 PM	18.3	15.3	67	NNW	19 10	35 19	1017.5	0
6:30 PM	19.1	18	68	N	11 6	13 7	1017.2	0
6:00 PM	20.3	19	61	NNE	11 6	15 8	1016.9	0
5:30 PM	20.8	19.2	60	N	13 7	17 9	1016.9	0
5:00 PM	21	18.5	57	N	17 9	20 11	1017	0
4:30 PM	21.4	17.7	53	N	22 12	28 15	1017.1	0
4:00 PM	21.8	18.8	55	N	20 11	28 15	1017.1	0
3:30 PM	21.7	17.1	51	N	26 14	32 17	1017.3	0
3:00 PM	22.6	19.6	53	NNE	20 11	26 14	1017.5	0
2:30 PM	23.1	20.4	53	NNE	19 10	28 15	1017.9	0
2:00 PM	22	18.1	53	N	24 13	33 18	1018.2	0
1:30 PM	21.2	17.1	58	NNE	26 14	35 19	1018.5	0
1:00 PM	21.2	16.8	59	NNE	28 15	37 20	1018.8	0
12:30 PM	20.4	15.3	58	NNE	30	41	1018.1	0

12:30 PM	20.4	15.3	58	NNE	16	22	1019.1	0
12:00 PM	19.6	15.4	63	NNE	26 14	35 19	1019.3	0
11:30 AM	17.7	12.3	65	N	30 16	39 21	1019.7	0
11:00 AM	18.2	11.8	61	NNE	35 19	46 25	1019.9	0
10:30 AM	17.4	10.6	65	N	37 20	48 26	1020.1	0
10:03 AM	17.9	11.2	64	NNE	37 20	56 30	1020.3	0
10:00 AM	17.7	10.9	64	NNE	37 20	52 28	1020.2	0
9:46 AM	17.4	10.9	63	NNE	35 19	56 30	1020	0
9:30 AM	16.7	9.7	65	NNE	37 20	48 26	1019.9	0
9:10 AM	16.2	9.9	65	NNE	33 18	54 29	1019.7	0
9:00 AM	15.8	8.9	64	NNE	35 19	48 26	1019.9	0.4
8:30 AM	15.1	9.2	67	NNE	30 16	43 23	1020.1	0.4
8:00 AM	14.5	8.9	69	NNE	28 15	39 21	1019.5	0.4
7:30 AM	12.5	8	77	NNE	22 12	28 15	1019.1	0.4
7:00 AM	11.6	8	81	NNE	17 9	22 12	1019	0.4
6:30 AM	9.4	7.2	89	N	9 5	13 7	1019.2	0.4
6:00 AM	8.6	5.5	91	NW	13 7	15 8	1019.2	0.4
5:30 AM	8	6.1	96	NNE	7 4	11 6	1018.6	0.4
5:00 AM	7.4	4.9	95	SE	9 5	11 6	1018.5	0.4
4:30 AM	8.8	7.2	96	SE	6 3	7 4	1018.5	0.4
4:00 AM	9	6.5	95	ESE	11 6	15 8	1018.6	0.4
3:30 AM	9	6.1	95	ESE	13 7	15 8	1018.8	0.4
3:00 AM	9.4	7	95	ESE	11 6	15 8	1019	0.4
2:30 AM	10	6.6	95	ESE	17 9	26 14	1018.9	0.4
2:21 AM	10	6	95	ESE	20 11	30 16	1018.7	0.4
2:00 AM	10.1	5.8	95	ESE	22	30	1018.9	0.4

2:00 AM	10.1	5.8	95	ESE	12	16	1018.9	0.4
1:30 AM	10.4	5.4	95	ESE	26 14	35 19	1019	0.4
1:00 AM	10.6	4.9	94	ESE	30 16	35 19	1019.2	0.4
12:30 AM	10.8	5.1	93	ESE	30 16	39 21	1019.3	0.4
12:00 AM	11	4.9	91	ESE	32 17	41 22	1019.4	0.4

Monday's Observations (14 October 2024)

Time(AEDT)	Temp(°C)	Feels Like(°C)	Humidity(%)	Wind Direction	Wind Speed(km/h) (k nots)	Wind Gust(km/h) (k nots)	Pressure(hPa)	Rainfall since 9 am (mm)
11:39 PM	11.1	6.5	91	ESE	24 13	30 16	1019.5	0.4
11:30 PM	11.1	6.1	91	ESE	26 14	32 17	1019.6	0.4
11:00 PM	11.5	6.2	89	ESE	28 15	35 19	1019.6	0.4
10:30 PM	12	6.7	87	ESE	28 15	37 20	1019.5	0.4
10:11 PM	12.4	6.8	87	ESE	30 16	41 22	1019.6	0.4
10:00 PM	12.5	6.9	86	ESE	30 16	41 22	1019.7	0.4
9:30 PM	12.9	6.8	86	ESE	33 18	44 24	1019.6	0.4
9:00 PM	12.8	7.3	87	SE	30 16	43 23	1019.5	0.4
8:49 PM	12.7	6.8	87	ESE	32 17	41 22	1019.5	0.4
8:30 PM	12.5	6.9	85	ESE	30 16	39 21	1019.4	0.4
8:00 PM	13.1	7.9	82	SE	28 15	39 21	1019.1	0.4
7:30 PM	13.8	8.9	78	SE	26 14	35 19	1019	0.4
7:00 PM	14.9	8.8	71	ESE	32 17	39 21	1018.7	0.4
6:30 PM	15.9	10.7	69	ESE	28 15	35 19	1018.6	0.4
6:00 PM	16.4	10.3	64	ESE	32 17	41 22	1018.2	0.4
5:30 PM	16.7	10.9	62	ESE	30 16	37 20	1018.2	0.4
5:00 PM	17.8	12.4	58	ESE	28 15	37 20	1018.1	0.4
4:30 PM	17.9	13.1	61	ESE	26 14	35 19	1018	0.4
4:00 PM	18.4	14.3	64	ESE	24 13	35 19	1018.2	0.4

3:30 PM	17.7	13.3	62	ESE	24 13	39 21	1018.1	0.4
3:00 PM	17.2	12.2	66	ESE	28 15	37 20	1018.3	0.4
2:30 PM	16.6	11.6	69	ESE	28 15	39 21	1018.6	0.4
2:00 PM	16	10.4	69	ESE	30 16	41 22	1018.8	0.4
1:30 PM	15.2	10	72	SE	28 15	39 21	1018.9	0.4
1:00 PM	14.9	9.4	76	SE	30 16	39 21	1019.1	0.4
12:30 PM	15.2	10.1	74	ESE	28 15	37 20	1019.1	0.4
12:00 PM	16.3	11.6	69	SE	26 14	35 19	1019	0.4
11:34 AM	15.5	10.6	76	SE	28 15	35 19	1019.2	0.4
11:30 AM	15.3	10	77	SE	30 16	39 21	1019.2	0.4
11:00 AM	14.2	9.6	81	SE	26 14	35 19	1019.2	0.4

10:30 AM	13.3	8.3	86	SE	28 15	37 20	1019.2	0
10:00 AM	14	9	82	SE	28 15	35 19	1018.9	0
9:44 AM	14.6	10.6	84	SSE	24 13	32 17	1018.8	0
9:30 AM	13.8	10	83	SE	22 12	30 16	1018.7	0
9:14 AM	14.1	11	88	SE	20 11	26 14	1018.5	0
9:00 AM	13.2	9.9	90	ESE	20 11	28 15	1018.4	3.2
8:30 AM	11.9	7.6	93	ESE	24 13	28 15	1018.4	3.2
8:00 AM	11.8	8.4	96	ESE	20 11	24 13	1018.2	3.2
7:30 AM	11.4	8.1	96	ESE	19 10	26 14	1018	3.2
7:00 AM	11.2	7.8	96	SE	19 10	26 14	1017.5	3.2
6:34 AM	10.8	7.7	96	SSE	17 9	20 11	1017.2	3.2
6:30 AM	10.6	7.4	96	SSE	17 9	20 11	1017.2	3.2
6:00 AM	10.7	8.3	95	SSE	13 7	17 9	1017	3.2
5:30 AM	11.3	10.1	94	SSE	7 4	11 6	1016.7	3.2
5:00 AM	11.6	9.4	94	SE	13 7	17 9	1016.5	3.2
4:30 AM	11.6	9.4	94	SSE	13 7	19 10	1016.5	3.2
4:00 AM	11.8	10	93	SSE	11 6	13 7	1016.5	3.2
3:30 AM	12	11	93	S	7 4	11 6	1016.6	3.2
3:00 AM	11.7	9.8	92	ESE	11 6	13 7	1016.6	3.2
2:30 AM	12.2	10.3	90	ESE	11 6	13 7	1017	3.2
2:00 AM	12.4	10.8	86	SSW	9 5	11 6	1017.6	3.2
1:30 AM	12	11.5	92	SSW	4 2	11 6	1017.7	3.2
1:00 AM	12.1	9.9	92	ENE	13 7	17 9	1017.6	3
12:30 AM	12.1	10.9	89	NE	7 4	13 7	1017.2	3
12:00 AM	12.4	11.3	88	ESE	7 4	13 7	1017.2	3

Date/Time EDT	Temp °C	App Temp °C	Dew Point °C	Rel Hum %	Delta-T °C	Wind					Press QNH hPa	Press MSL hPa	Rain since 9am mm	
						Dir	Spd km/h	Gust km/h	Spd kts	Gust kts				
22/02:00pm	25.8	21	13	45	7.6	N	30	41	16	22	1012.4	1012.3	0	
22/01:30pm	24.6	20.3	13.2	49	6.8	N	28	39	15	21	1012.7	1012.6	0	
22/01:00pm	23.6	18.8	12.9	51	6.3	N	30	39	16	21	1013.1	1013	0	
22/12:30pm	23.3	18.4	12.6	51	6.2	N	30	39	16	21	1013.4	1013.2	0	
22/12:00pm	22.4	17.5	12.4	53	5.8	N	30	37	16	20	1014.1	1014	0	
22/11:30am	22.2	18.1	12.7	55	5.5	N	26	35	14	19	1014.1	1014	0	
22/11:00am	21.4	19.1	14.1	63	4.3	N	19	26	10	14	1014.5	1014.4	0	
22/10:30am	20	16.1	12	60	4.5	N	24	32	13	17	1014.6	1014.5	0	
22/10:00am	19.3	15	10.8	58	4.7	N	24	30	13	16	1014.4	1014.3	0	
22/09:30am	17.5	14	10.9	65	3.6	N	20	28	11	15	1014.4	1014.3	0	
22/09:00am	17.3	13.7	10.4	64	3.8	N	20	28	11	15	1014.5	1014.4	0	
22/08:30am	17	12.8	9.7	62	3.9	N	22	28	12	15	1014.4	1014.3	0	
22/08:00am	16.9	13.3	9.8	63	3.8	N	19	24	10	13	1014.2	1014.1	0	
22/07:30am	15.9	12.6	9.6	66	3.3	N	17	24	9	13	1014.1	1014	0	
22/07:00am	14.2	12.3	9.2	72	2.6	NNE	9	17	5	9	1014.4	1014.3	0	
22/06:30am	14.4	10.4	9.2	71	2.7	NNE	20	28	11	15	1014.1	1014	0	
22/06:00am	12.9	11.3	8.6	75	2.2	N	7	13	4	7	1014.1	1014	0	
22/05:30am	13.7	10.3	9.2	74	2.3	NNE	17	20	9	11	1013.9	1013.7	0	
22/05:00am	11.6	8.1	8.6	82	1.5	NNW	17	19	9	10	1014.3	1014.2	0	
22/04:30am	14.1	10.7	9.3	73	2.5	N	17	20	9	11	1013.8	1013.6	0	
22/04:00am	13.8	10.8	9.3	74	2.3	NNE	15	19	8	10	1013.9	1013.7	0	
22/03:30am	12.8	9.8	9.1	78	1.9	N	15	17	8	9	1014.4	1014.3	0	
22/03:00am	12.8	10.2	9.3	79	1.8	N	13	17	7	9	1014.7	1014.6	0	
22/02:30am	11.8	8.6	8.6	81	1.6	N	15	15	8	8	1015.1	1015	0	
22/02:00am	11.3	8.2	8.7	84	1.3	NNW	15	15	8	8	1015.4	1015.3	0	
22/01:30am	12.8	11.8	8.9	77	2	NNW	4	9	2	5	1015.7	1015.5	0	
22/01:00am	13.6	13.5	9.6	77	2.1	CALM	0	0	0	0	1016.2	1016.1	0	
22/12:30am	13.1	11.2	9	76	2.1	NNE	9	11	5	6	1016.3	1016.2	0	
22/12:00am	13.4	11.1	9.1	75	2.2	N	11	13	6	7	1016.3	1016.2	0	
Date/Time EDT	Temp °C	App Temp °C	Dew Point °C	Rel Hum %	Delta-T °C	Wind					Press QNH hPa	Press MSL hPa	Rain since 9am mm	
						Dir	Spd km/h	Gust km/h	Spd kts	Gust kts				
21/11:30pm	13.1	10.4	9	76	2.1	NNW	13	15	7	8	1016.6	1016.5	0	
21/11:00pm	14.5	12.6	9.1	70	2.8	NNE	9	11	5	6	1016.4	1016.3	0	
21/10:30pm	14.5	12.3	9.3	71	2.7	NNE	11	13	6	7	1016.5	1016.4	0	
21/10:00pm	15.8	14	9.5	66	3.3	N	9	11	5	6	1016.8	1016.7	0	
21/09:30pm	16.1	13.7	10	67	3.3	NE	13	13	7	7	1016.9	1016.8	0	
21/09:00pm	16.9	14.9	10.3	65	3.6	NE	11	11	6	6	1017	1016.9	0	
21/08:30pm	17.9	16.4	9	56	4.7	NNE	7	9	4	5	1017	1016.9	0	
21/08:00pm	18.9	17.3	8.8	52	5.4	NNE	7	9	4	5	1016.7	1016.6	0	
21/07:30pm	19.9	17.7	9.2	50	5.8	NNE	11	13	6	7	1016.5	1016.4	0	
21/07:00pm	19.9	17.5	10	53	5.4	NNE	13	15	7	8	1016.4	1016.3	0	
21/06:30pm	22	19.4	10.8	49	6.3	N	15	19	8	10	1016.5	1016.4	0	
21/06:00pm	23.3	20.9	10	43	7.4	N	13	17	7	9	1016.7	1016.6	0	
21/05:30pm	23.6	20.7	11	45	7.2	N	17	22	9	12	1016.5	1016.4	0	
21/05:00pm	23.9	20.5	9.1	39	8.1	N	17	24	9	13	1016.8	1016.7	0	
21/04:30pm	23.5	19.7	9.1	40	7.9	N	19	24	10	13	1017.2	1017.1	0	
21/04:00pm	23.1	20.3	11.2	47	6.8	N	17	22	9	12	1017.3	1017.2	0	
21/03:30pm	23.2	19.7	10.9	46	7	N	20	30	11	16	1017.5	1017.4	0	
21/03:00pm	22.7	19.4	11.7	49	6.3	N	20	30	11	16	1017.9	1017.9	0	
21/02:30pm	22.4	19.4	12.1	52	5.9	N	19	30	10	16	1018.3	1018.2	0	
21/02:00pm	21.9	18.7	11.3	51	6	N	19	26	10	14	1019.1	1019	0	
21/01:30pm	21.6	18.8	12.7	57	5.2	N	19	24	10	13	1019.5	1019.4	0	
21/01:00pm	20.9	17.6	11.5	55	5.3	NNW	20	28	11	15	1019.8	1019.7	0	
21/12:30pm	20.8	17.4	11.4	55	5.3	N	20	28	11	15	1019.8	1019.7	0	
21/12:00pm	20.4	17.2	11.9	58	4.8	N	20	28	11	15	1019.9	1019.9	0	
21/11:30am	20	16.4	11.8	59	4.6	N	22	28	12	15	1020.1	1020.1	0	
21/11:00am	19.4	15.1	10.9	58	4.7	N	24	30	13	16	1020.2	1020.2	0	
21/10:30am	18.7	16.4	10.5	59	4.5	N	13	20	7	11	1020.3	1020.3	0	
21/10:00am	16.8	15.3	9.2	61	4	ENE	7	9	4	5	1020.6	1020.5	0	

21/09:30am	15	13.2	9.4	69	2.9	ESE	9	13	5	7	1020.8	1020.7	0
21/09:00am	13	9.9	8.9	76	2.1	SE	15	17	8	9	1020.8	1020.7	0
21/08:30am	11.8	8.3	8.6	81	1.6	ESE	17	20	9	11	1021	1020.9	0
21/08:00am	10.3	5	8.4	88	0.9	SE	26	35	14	19	1020.6	1020.5	0
21/07:30am	9.4	5.1	8	91	0.7	SE	20	26	11	14	1020.8	1020.7	0
21/07:00am	8.8	3.2	7.3	90	0.7	SE	26	33	14	18	1020.7	1020.6	0
21/06:30am	9.3	2.9	6.9	85	1.2	ESE	30	37	16	20	1020	1020	0
21/06:00am	9.6	3.5	6.7	82	1.4	ESE	28	35	15	19	1020.2	1020.2	0
21/05:30am	9.3	3.7	7.3	87	1	ESE	26	33	14	18	1020.2	1020.2	0
21/05:00am	9.2	2.6	7.6	90	0.8	SE	32	41	17	22	1020.1	1020.1	0
21/04:30am	9.5	4	7.6	88	0.9	SE	26	35	14	19	1020.6	1020.5	0
21/04:05am	9.8	4.8	7.9	88	0.9	SE	24	33	13	18	1021	1020.9	0
21/04:00am	9.8	4.8	7.9	88	0.9	SE	24	33	13	18	1021.2	1021.1	0
21/03:30am	10.1	5.5	8.2	88	0.9	SE	22	30	12	16	1021.6	1021.5	0
21/03:00am	10.3	3.8	8.2	87	1	SE	32	43	17	23	1021.5	1021.4	0
21/02:43am	10.4	3.9	8.2	86	1.1	ESE	32	50	17	27	1021.5	1021.4	0
21/02:30am	10.6	3.5	8.2	85	1.2	SE	35	48	19	26	1021.7	1021.6	0
21/02:00am	10.9	5.3	8.8	87	1.1	SE	28	35	15	19	1022	1022	0
21/01:30am	10.8	4.4	8.7	87	1.1	SE	32	41	17	22	1022.5	1022.5	0
21/01:03am	10.4	4.4	8.7	89	0.9	SE	30	39	16	21	1022.7	1022.7	0
21/01:00am	10.3	4.3	8.6	89	0.9	SE	30	39	16	21	1022.6	1022.6	0
21/12:37am	10.3	3.9	8.6	89	0.9	SE	32	39	17	21	1022.6	1022.6	0
21/12:30am	10.3	3.9	8.6	89	0.9	SE	32	43	17	23	1022.8	1022.8	0
21/12:00am	10.6	4.7	9	90	0.8	SE	30	46	16	25	1023	1022.9	0

Ballarat Weather History for 27 October 2024

Time	Temp	Weather	Wind	Humidity	Barometer	Visibility
7:00 AM Sun, 27 Oct	16 °C	Refreshingly cool.	11 km/h	↑36%	1015 mbar	N/A
8:00 AM	17 °C	Mild.	17 km/h	↑33%	1015 mbar	N/A
9:00 AM	19 °C	Mild.	15 km/h	↑33%	1016 mbar	N/A
10:00 AM	20 °C	Mild.	17 km/h	↑31%	1016 mbar	N/A
11:00 AM	21 °C	Mild.	11 km/h	↑33%	1016 mbar	N/A
1:00 PM	23 °C	Mild.	20 km/h	↑32%	1016 mbar	N/A
2:00 PM	24 °C	Mild.	22 km/h	↑31%	1015 mbar	N/A
3:00 PM	25 °C	Mild.	20 km/h	↑30%	1015 mbar	N/A
4:00 PM	25 °C	Mild.	20 km/h	↑31%	1014 mbar	N/A
5:00 PM	23 °C	Mild.	19 km/h	↑43%	1015 mbar	N/A
6:00 PM	20 °C	Mild.	20 km/h	↑51%	1016 mbar	N/A
7:00 PM	17 °C	Mild.	17 km/h	↑61%	1017 mbar	N/A
8:00 PM	15 °C	Cool.	17 km/h	↑70%	1018 mbar	N/A
9:00 PM	14 °C	Cool.	13 km/h	↑69%	1019 mbar	N/A
10:00 PM	13 °C	Cool.	11 km/h	↑73%	1020 mbar	N/A

Ballarat Weather History for 28 October 2024

Time	Temp	Weather	Wind	Humidity	Barometer	Visibility
12:00 AM Mon, 28 Oct	12 °C	Cool.	7 km/h	↑76%	1020 mbar	N/A
1:00 AM	11 °C	Cool.	9 km/h	↑83%	1020 mbar	N/A
2:00 AM	11 °C	Cool.	9 km/h	↑83%	1020 mbar	N/A
3:00 AM	11 °C	Cool.	7 km/h	↑90%	1020 mbar	N/A
4:00 AM	11 °C	Cool.	11 km/h	↑87%	1020 mbar	N/A
5:00 AM	10 °C	Cool.	13 km/h	↑93%	1020 mbar	N/A
6:00 AM	9 °C	Cool.	11 km/h	↑97%	1021 mbar	N/A
7:00 AM	9 °C	Cool.	11 km/h	↑94%	1022 mbar	N/A
8:00 AM	11 °C	Cool.	11 km/h	↑83%	1023 mbar	N/A
9:00 AM	13 °C	Cool.	11 km/h	↑72%	1023 mbar	N/A
10:00 AM	13 °C	Cool.	15 km/h	↑57%	1024 mbar	N/A
11:00 AM	15 °C	Refreshingly cool.	15 km/h	↑51%	1024 mbar	N/A
12:00 PM	15 °C	Refreshingly cool.	11 km/h	↑48%	1024 mbar	N/A

1:00 PM	17 °C	Mild.	13 km/h	↑	44%	1024 mbar	N/A
2:00 PM	17 °C	Mild.	13 km/h	↑	44%	1024 mbar	N/A
3:00 PM	18 °C	Mild.	15 km/h	↑	39%	1024 mbar	N/A
4:00 PM	17 °C	Mild.	15 km/h	↑	50%	1024 mbar	N/A
5:00 PM	17 °C	Refreshingly cool.	13 km/h	↑	52%	1024 mbar	N/A
6:00 PM	16 °C	Refreshingly cool.	11 km/h	↑	54%	1024 mbar	N/A
7:00 PM	15 °C	Refreshingly cool.	9 km/h	↑	59%	1025 mbar	N/A
8:00 PM	13 °C	Cool.	4 km/h	↑	64%	1026 mbar	N/A
9:00 PM	11 °C	Cool.	No wind	↑	70%	1026 mbar	N/A
10:00 PM	9 °C	Cool.	2 km/h	↑	75%	1027 mbar	N/A
11:00 PM	8 °C	Cool.	6 km/h	↑	82%	1027 mbar	N/A

Ballarat Weather History for 29 October 2024

Time	Temp	Weather	Wind		Humidity	Barometer	Visibility
12:00 AM Tue, 29 Oct	7 °C	Quite cool.	6 km/h	↑	86%	1026 mbar	N/A
1:00 AM	6 °C	Quite cool.	6 km/h	↑	91%	1026 mbar	N/A
2:00 AM	6 °C	Quite cool.	7 km/h	↑	94%	1026 mbar	N/A
3:00 AM	6 °C	Quite cool.	6 km/h	↑	92%	1026 mbar	N/A
4:00 AM	8 °C	Cool.	6 km/h	↑	90%	1026 mbar	N/A
5:00 AM	10 °C	Cool.	9 km/h	↑	81%	1025 mbar	N/A
6:00 AM	10 °C	Cool.	7 km/h	↑	79%	1026 mbar	N/A
7:00 AM	10 °C	Cool.	7 km/h	↑	79%	1026 mbar	N/A
8:00 AM	11 °C	Cool.	9 km/h	↑	77%	1026 mbar	N/A
9:00 AM	11 °C	Cool.	11 km/h	↑	75%	1027 mbar	N/A
10:00 AM	12 °C	Cool.	11 km/h	↑	70%	1027 mbar	N/A
11:00 AM	13 °C	Cool.	11 km/h	↑	68%	1027 mbar	N/A
12:00 PM	15 °C	Cool.	15 km/h	↑	60%	1026 mbar	N/A
1:00 PM	16 °C	Refreshingly cool.	15 km/h	↑	54%	1026 mbar	N/A
2:00 PM	17 °C	Mild.	17 km/h	↑	53%	1025 mbar	N/A
3:00 PM	18 °C	Mild.	13 km/h	↑	49%	1025 mbar	N/A
4:00 PM	18 °C	Mild.	17 km/h	↑	48%	1024 mbar	N/A
5:00 PM	18 °C	Mild.	15 km/h	↑	46%	1024 mbar	N/A
6:00 PM	18 °C	Mild.	11 km/h	↑	47%	1024 mbar	N/A

7:00 PM	17 °C	Refreshingly cool.	11 km/h	↑	51%	1024 mbar	N/A
8:00 PM	14 °C	Refreshingly cool.	9 km/h	↑	59%	1025 mbar	N/A
9:00 PM	12 °C	Cool.	7 km/h	↑	70%	1025 mbar	N/A
10:00 PM	11 °C	Cool.	6 km/h	↑	76%	1025 mbar	N/A
11:00 PM	10 °C	Cool.	4 km/h	↑	82%	1024 mbar	N/A

Ballarat Weather History for 30 October 2024

Time	Temp	Weather	Wind		Humidity	Barometer	Visibility
12:00 AM	11 °C	Cool.	7 km/h	↑	82%	1024 mbar	N/A
Wed, 30 Oct							
1:00 AM	10 °C	Cool.	6 km/h	↑	86%	1023 mbar	N/A
2:00 AM	10 °C	Cool.	6 km/h	↑	87%	1022 mbar	N/A
3:00 AM	10 °C	Cool.	9 km/h	↑	90%	1021 mbar	N/A
4:00 AM	10 °C	Cool.	6 km/h	↑	98%	1021 mbar	N/A
5:00 AM	10 °C	Cool.	9 km/h	↑	95%	1020 mbar	N/A
6:00 AM	10 °C	Cool.	7 km/h	↑	95%	1020 mbar	N/A
7:00 AM	10 °C	Cool.	6 km/h	↑	91%	1020 mbar	N/A
8:00 AM	10 °C	Cool.	9 km/h	↑	91%	1020 mbar	N/A
9:00 AM	10 °C	Cool.	6 km/h	↑	95%	1020 mbar	N/A
10:00 AM	12 °C	Cool.	7 km/h	↑	83%	1020 mbar	N/A
11:00 AM	14 °C	Cool.	7 km/h	↑	70%	1019 mbar	N/A
12:00 PM	15 °C	Cool.	9 km/h	↑	63%	1018 mbar	N/A
1:00 PM	17 °C	Mild.	11 km/h	↑	55%	1017 mbar	N/A
2:00 PM	19 °C	Mild.	13 km/h	↑	49%	1017 mbar	N/A
3:00 PM	21 °C	Mild.	13 km/h	↑	44%	1016 mbar	N/A
4:00 PM	21 °C	Mild.	15 km/h	↑	40%	1015 mbar	N/A
5:00 PM	21 °C	Mild.	9 km/h	↑	44%	1015 mbar	N/A
6:00 PM	20 °C	Mild.	13 km/h	↑	48%	1015 mbar	N/A
7:00 PM	15 °C	Cool.	13 km/h	↑	70%	1015 mbar	N/A
8:00 PM	13 °C	Cool.	7 km/h	↑	79%	1015 mbar	N/A
9:00 PM	13 °C	Cool.	2 km/h	↑	82%	1016 mbar	N/A
10:00 PM	13 °C	Cool.	9 km/h	↑	77%	1016 mbar	N/A
11:00 PM	13 °C	Cool.	6 km/h	↑	77%	1015 mbar	N/A

Date/Time	Temp	App	Dew	Rel	Delta-T	Wind					Press	Press	Rain since	
EDT	°C	Temp	Point	Hum	°C						QNH	MSL	9am	
		°C	°C	%		Dir	Spd	Gust	Spd	Gust	hPa	hPa	mm	
							km/h	km/h	kts	kts				
07/08:00am	9.5	6.7	7.1	85	1.2	SSE	11	15	6	8	1010.7	1010.2	0	
07/07:30am	8.5	6.1	7	90	0.7	SSE	9	13	5	7	1010.6	1010	0	
07/07:11am	8.3	5.9	6.9	91	0.7	S	9	13	5	7	1010.6	1010	0	
07/07:00am	8.2	5.8	6.8	91	0.7	S	9	11	5	6	1010.6	1010	0	
07/06:56am	8.1	5.7	6.9	92	0.6	SSE	9	11	5	6	1010.6	1010	0	
07/06:51am	8.1	5.3	6.9	92	0.6	SSE	11	15	6	8	1010.3	1009.7	0	
07/06:36am	8.2	5.4	7	92	0.6	S	11	13	6	7	1010.4	1009.8	0	
07/06:30am	8.3	5.5	7.1	92	0.6	S	11	13	6	7	1010.4	1009.8	0	
07/06:00am	8.5	5.8	7.3	92	0.6	S	11	15	6	8	1010.3	1009.7	0	
07/05:30am	8.9	5.1	7.5	91	0.7	S	17	22	9	12	1010.2	1009.6	0	
07/05:00am	8.7	6	7.2	90	0.7	SSE	11	15	6	8	1010.1	1009.5	0	
07/04:30am	9.2	5.8	7.5	89	0.8	SSE	15	17	8	9	1010.2	1009.6	0	
07/04:11am	9.6	6.6	7.7	88	0.9	S	13	17	7	9	1010.3	1009.7	0	
07/04:00am	9.6	6.6	7.7	88	0.9	S	13	19	7	10	1010	1009.4	0	
07/03:50am	9.6	6.6	7.5	87	1	S	13	19	7	10	1010	1009.4	0	
07/03:30am	9.9	6.2	7.8	87	1	S	17	20	9	11	1010	1009.4	0	
07/03:00am	10.5	6.8	7.9	84	1.3	S	17	24	9	13	1010.4	1009.8	0	
07/02:30am	11	6.6	8.8	86	1.1	SSE	22	28	12	15	1010.1	1009.5	0	
07/02:00am	11.1	8	9	87	1.1	S	15	20	8	11	1010.5	1009.9	0	
07/01:30am	11	7.5	8.9	87	1.1	S	17	22	9	12	1010.5	1009.9	0	
07/01:00am	10.7	6.9	9	89	0.9	SSE	19	22	10	12	1010.9	1010.3	0	
07/12:30am	10.8	7.3	8.7	87	1.1	S	17	20	9	11	1011.1	1010.5	0	
07/12:00am	10.9	7.3	8.5	85	1.2	S	17	24	9	13	1011.2	1010.6	0	
Date/Time	Temp	App	Dew	Rel	Delta-T	Wind					Press	Press	Rain since	
EDT	°C	Temp	Point	Hum	°C						QNH	MSL	9am	
		°C	°C	%		Dir	Spd	Gust	Spd	Gust	hPa	hPa	mm	
							km/h	km/h	kts	kts				
06/11:55pm	11	7.1	8.6	85	1.2	S	19	26	10	14	1011.2	1010.6	0	
06/11:30pm	11	6.8	8.4	84	1.3	S	20	28	11	15	1011.5	1010.9	0	
06/11:00pm	11.2	7.6	8.2	82	1.5	S	17	24	9	13	1011.5	1010.9	0	
06/10:30pm	11.7	7.8	8.7	82	1.5	S	19	26	10	14	1011.4	1010.8	0	
06/10:00pm	12.3	7.9	7.6	73	2.3	S	20	28	11	15	1011.4	1010.8	0	
06/09:30pm	12.9	8.6	8	72	2.5	SSW	20	33	11	18	1010.9	1010.3	0	
06/09:00pm	13.6	9.6	9.1	74	2.3	SSW	20	30	11	16	1010.5	1009.9	0	
06/08:30pm	14.7	11	9.5	71	2.7	SSW	19	26	10	14	1009.8	1009.2	0	
06/08:00pm	15.3	11.7	9.9	70	2.9	SSW	19	24	10	13	1009.4	1008.8	0	
06/07:30pm	16.6	12.7	10.7	68	3.2	SSW	22	32	12	17	1008.9	1008.3	0	
06/07:00pm	17.6	13.8	11.2	66	3.5	SSW	22	30	12	16	1008.4	1007.7	0	
06/06:30pm	20.4	17.5	12.9	62	4.3	SW	20	32	11	17	1007.5	1006.9	0	
06/06:00pm	20.9	16.9	13.1	61	4.6	SSW	26	39	14	21	1007.1	1006.5	0	
06/05:30pm	22.8	19.3	13.3	55	5.6	SW	24	37	13	20	1006.4	1005.7	0	
06/05:00pm	24.1	19.8	13.3	51	6.4	SW	28	39	15	21	1006.1	1005.4	0	
06/04:30pm	26.1	21.6	12.5	42	8	SW	28	43	15	23	1005.1	1004.5	0	
06/04:00pm	28	23.7	12	37	9.5	WSW	26	39	14	21	1004.9	1004.3	0	
06/03:30pm	29.7	23.8	10.3	30	11.2	W	32	50	17	27	1004.5	1003.8	0	
06/03:00pm	30.2	24.3	9.1	27	12	NW	30	43	16	23	1004.7	1004	0	
06/02:30pm	29.9	24.9	10.9	31	11.1	NW	28	37	15	20	1005	1004.4	0	
06/02:00pm	28.9	22.3	8.6	28	11.4	NW	33	44	18	24	1005	1004.4	0	
06/01:30pm	29.3	22.4	8.9	28	11.5	NNW	35	50	19	27	1005	1004.4	0	
06/01:00pm	28.7	22.4	8.9	29	11.2	N	32	43	17	23	1005.4	1004.8	0	
06/12:30pm	27.4	19.5	7.8	29	10.8	N	39	52	21	28	1006	1005.3	0	
06/12:00pm	25.6	17.5	7.2	31	9.9	N	39	52	21	28	1006.5	1005.8	0	
06/11:33am	24.7	16.2	6.9	32	9.5	N	41	59	22	32	1006.4	1005.7	0	
06/11:30am	24.5	15.9	6.7	32	9.4	N	41	54	22	29	1006.4	1005.7	0	
06/11:00am	23.9	15	6.7	33	9.1	N	43	52	23	28	1006.5	1005.8	0	
06/10:30am	22.9	15.7	7.8	38	8.1	N	35	48	19	26	1006.9	1006.3	0	
06/10:08am	21.9	14.2	7	38	7.8	N	37	46	20	25	1007.2	1006.6	0	
06/10:00am	21	13.5	6.2	38	7.6	N	35	43	19	23	1007.4	1006.8	0	
06/09:58am	21.1	13.7	6.6	39	7.5	N	35	44	19	24	1007.6	1007	0	
06/09:30am	21.4	12.8	6.5	38	7.7	N	41	54	22	29	1007.7	1007.1	0	
06/09:00am	20.3	12.3	5.9	39	7.3	N	37	52	20	28	1007.8	1007.2	0	

06/08:30am	19.2	12	6	42	6.7	N	33	46	18	25	1007.9	1007.3	0	
06/08:00am	18.3	11	5.5	43	6.4	N	33	44	18	24	1007.5	1006.9	0	
06/07:30am	17.9	9.8	5.2	43	6.3	NNE	37	52	20	28	1007.3	1006.7	0	
06/07:00am	17.4	9.6	4.7	43	6.2	NNE	35	48	19	26	1007.1	1006.5	0	
06/06:30am	17.3	9.8	4.6	43	6.2	NNE	33	44	18	24	1007.3	1006.7	0	
06/06:00am	16.9	10.1	4.9	45	5.9	NNE	30	41	16	22	1007	1006.4	0	
06/05:30am	17.3	10.5	4.9	44	6.1	NNE	30	39	16	21	1007.3	1006.7	0	
06/05:00am	17	10.6	5	45	5.9	NNE	28	35	15	19	1007.3	1006.7	0	
06/04:30am	16.8	9.4	4.8	45	5.8	NNE	33	43	18	23	1007.2	1006.6	0	
06/04:00am	16.5	9.7	5.2	47	5.5	NNE	30	39	16	21	1007.6	1007	0	
06/03:30am	16.6	10.3	5.6	48	5.4	N	28	37	15	20	1008.4	1007.7	0	
06/03:00am	16.9	11.6	5.2	46	5.7	NNE	22	33	12	18	1008.8	1008.2	0	
06/02:30am	16.1	9.7	5.4	49	5.2	N	28	33	15	18	1009.1	1008.5	0	
06/02:00am	16	10.5	5.9	51	5	N	24	30	13	16	1009.5	1008.9	0	
06/01:30am	15.8	9.9	5.7	51	5	N	26	33	14	18	1009.9	1009.3	0	
06/01:00am	15.9	11.3	5.8	51	5	NNE	19	24	10	13	1010.4	1009.8	0	
06/12:30am	16.1	10.9	5.7	50	5.1	N	22	28	12	15	1010.9	1010.3	0	
06/12:00am	16.6	11	5.3	47	5.5	N	24	32	13	17	1011.2	1010.6	0	
Date/Time	Temp	App	Dew	Rel	Delta-T	Wind					Press	Press	Rain since	
EDT	°C	Temp	Point	Hum	°C	Dir	Spd	Gust	Spd	Gust	QNH	MSL	9am	
		°C	°C	%			km/h	km/h	kts	kts	hPa	hPa	mm	
05/11:30pm	16.6	11.7	5.3	47	5.5	N	20	24	11	13	1011.4	1010.8	0	
05/11:00pm	17.2	11.9	5.2	45	5.9	N	22	28	12	15	1011.8	1011.2	0	
05/10:30pm	16.1	11.8	5.4	49	5.2	NNE	17	20	9	11	1012.1	1011.5	0	
05/10:00pm	14.7	10.9	6	56	4.3	NE	15	17	8	9	1012.4	1011.8	0	
05/09:30pm	15.3	11.6	6.3	55	4.5	NE	15	17	8	9	1012.4	1011.8	0	
05/09:00pm	16.3	13.3	5.9	50	5.2	NE	11	13	6	7	1012.4	1011.8	0	
05/08:30pm	18.9	16.2	5.4	41	6.7	NNE	9	11	5	6	1012.3	1011.7	0	
05/08:00pm	19.5	16.6	6.3	42	6.7	N	11	13	6	7	1012.5	1011.9	0	
05/07:30pm	20.6	17.8	6.9	41	7.1	NNW	11	15	6	8	1012.4	1011.8	0	
05/07:00pm	22	17.9	6.3	36	8.1	NNW	17	20	9	11	1012.4	1011.8	0	
05/06:30pm	22.7	17.4	5.2	32	8.9	NW	22	28	12	15	1012.5	1011.9	0	
05/06:00pm	22.9	18.1	5.8	33	8.8	NNW	20	28	11	15	1012.4	1011.8	0	
05/05:30pm	23.1	18.4	6	33	8.9	NNW	20	30	11	16	1012.5	1011.9	0	
05/05:00pm	23.7	19.4	6.9	34	8.9	NNW	19	26	10	14	1012.1	1011.5	0	
05/04:30pm	22.6	18.5	6.4	35	8.4	NW	17	24	9	13	1012.6	1012	0	
05/04:00pm	22.4	18.1	7	37	8.1	NW	19	28	10	15	1012.8	1012.3	0	
05/03:30pm	22.2	17.5	6	35	8.4	NNW	20	33	11	18	1012.9	1012.4	0	
05/03:00pm	22.8	19	7.4	37	8.2	NNW	17	28	9	15	1013.4	1012.8	0	
05/02:30pm	22.9	19.4	7.4	37	8.2	NW	15	30	8	16	1013.8	1013.2	0	
05/02:00pm	22	18.8	6.7	37	8	N	13	22	7	12	1013.8	1013.2	0	
05/01:30pm	21.9	20.1	9.4	45	6.8	N	9	19	5	10	1014.3	1013.7	0	
05/01:00pm	21.1	18.5	7.7	42	7.1	N	11	19	6	10	1014.7	1014.2	0	
05/12:30pm	20.7	17.8	6.6	40	7.3	NW	11	17	6	9	1014.9	1014.4	0	
05/12:00pm	19.7	16.2	5.4	39	7.2	WNW	13	22	7	12	1015.5	1015	0	
05/11:30am	19.7	18	7.4	45	6.4	S	6	13	3	7	1015.8	1015.2	0	
05/11:00am	18.5	15.1	6	44	6.3	W	13	20	7	11	1016.2	1015.6	0	
05/10:30am	17.8	15.2	6.3	47	5.8	W	9	17	5	9	1016.6	1016	0	
05/10:00am	16.7	14.1	6.2	50	5.2	NNW	9	15	5	8	1016.8	1016.3	0	
05/09:30am	16.4	14.6	7.3	55	4.6	N	6	9	3	5	1016.9	1016.4	0	
05/09:00am	14.5	12.7	7.1	61	3.7	N	6	7	3	4	1016.9	1016.4	0	
05/08:30am	11.9	10.2	7.4	74	2.2	NNW	6	7	3	4	1016.9	1016.4	0	
05/08:00am	10.8	9.4	7.1	78	1.8	ENE	4	7	2	4	1016.7	1016.2	0	
05/07:30am	8.9	8.4	7.7	92	0.6	CALM	0	6	0	3	1016.4	1015.8	0	
05/07:00am	4.9	3.6	3.9	93	0.4	CALM	0	0	0	0	1016.1	1015.5	0	
05/06:30am	5.3	2.8	3.6	89	0.7	ESE	6	7	3	4	1015.9	1015.3	0	
05/06:00am	6.2	3.7	4.8	91	0.6	ESE	7	9	4	5	1015.4	1014.9	0	
05/05:30am	6.3	3.8	4.9	91	0.6	SE	7	9	4	5	1015.4	1014.9	0	
05/05:00am	6.7	3.5	5.2	90	0.7	SE	11	13	6	7	1015.2	1014.7	0	
05/04:30am	7.3	5	5.6	89	0.8	SSE	7	11	4	6	1015	1014.5	0	
05/04:00am	7.9	4.9	6	88	0.9	ESE	11	15	6	8	1015	1014.5	0	
05/03:30am	8.3	4.7	6.6	89	0.8	ESE	15	19	8	10	1015.1	1014.6	0	
05/03:00am	8.5	4.5	6.6	88	0.9	E	17	24	9	13	1015.4	1014.9	0	
05/02:30am	8.7	4.7	6.7	87	1	E	17	24	9	13	1015.8	1015.2	0	

05/02:00am	8.6	5.1	7.1	90	0.7	ESE	15	20	8	11	1016.2	1015.6	0	
05/01:30am	8.7	5.6	7.2	90	0.7	ESE	13	20	7	11	1016.7	1016.2	0	
05/01:00am	8.8	5.7	7.1	89	0.8	ESE	13	17	7	9	1017	1016.5	0	
05/12:30am	9.2	5.8	7.5	89	0.8	ESE	15	19	8	10	1017.1	1016.6	0	
05/12:00am	9.4	5.6	7.5	88	0.9	SE	17	20	9	11	1017.5	1017	0	
Date/Time	Temp	App	Dew	Rel	Delta-T	Wind					Press	Press	Rain since	
EDT	°C	Temp	Point	Hum	°C						QNH	MSL	9am	
		°C	°C	%		Dir	Spd	Gust	Spd	Gust	hPa	hPa	mm	
							km/h	km/h	kts	kts				
04/11:30pm	9.6	6.2	7.7	88	0.9	SE	15	20	8	11	1017.6	1017.1	0	
04/11:00pm	10.1	5.8	7.9	86	1.1	ESE	20	26	11	14	1017.5	1017	0	
04/10:30pm	10.5	5.8	7.9	84	1.3	ESE	22	30	12	16	1017.7	1017.2	0	
04/10:00pm	11	6.9	7.9	81	1.5	ESE	19	24	10	13	1018	1017.5	0	
04/09:30pm	11.8	8.5	7.9	77	1.9	SE	15	19	8	10	1017.8	1017.3	0	
04/09:00pm	12.2	8.1	6	66	3	S	17	20	9	11	1017.7	1017.2	0	
04/08:30pm	13	9.6	6.1	63	3.3	S	13	15	7	8	1017.4	1016.9	0	
04/08:00pm	13.9	10.2	6.3	60	3.7	S	15	19	8	10	1017.2	1016.7	0	
04/07:30pm	14.9	10.9	6.5	57	4.2	SSE	17	24	9	13	1016.8	1016.3	0	
04/07:00pm	15.2	10.9	5.1	51	4.9	SSW	17	22	9	12	1016.7	1016.2	0	
04/06:30pm	15.9	11.7	5.5	50	5.1	SSW	17	24	9	13	1016.3	1015.7	0	
04/06:00pm	15.9	11.7	5.8	51	5	S	17	26	9	14	1016.1	1015.5	0	
04/05:30pm	16.1	12.2	5.4	49	5.2	SW	15	22	8	12	1016.1	1015.5	0	
04/05:00pm	17	13	6.8	51	5.2	S	17	24	9	13	1015.8	1015.2	0	
04/04:30pm	16.4	12.1	5.4	48	5.4	SSW	17	26	9	14	1015.8	1015.2	0	
04/04:00pm	17.8	13.9	7	49	5.5	SW	17	28	9	15	1015.8	1015.2	0	
04/03:30pm	16.6	11.9	6.1	50	5.2	SW	20	30	11	16	1015.7	1015.1	0	
04/03:00pm	16.3	11.8	6.2	51	5	SSW	19	26	10	14	1015.8	1015.2	0	
04/02:30pm	15.9	11.3	5.5	50	5.1	SW	19	35	10	19	1015.8	1015.2	0	
04/02:00pm	16.1	11.3	5.4	49	5.2	SW	20	35	11	19	1015.8	1015.2	0	
04/01:30pm	15.7	10.9	4.4	47	5.4	W	19	28	10	15	1015.8	1015.2	0	
04/01:00pm	15.7	10.9	4.4	47	5.4	WSW	19	28	10	15	1016	1015.4	0	
04/12:30pm	15.4	11	4.5	48	5.2	WSW	17	30	9	16	1016	1015.4	0	
04/12:00pm	15.2	11	7.3	59	4	W	19	26	10	14	1016.2	1015.6	0	
04/11:30am	13.9	9.8	6	59	3.9	SSW	17	24	9	13	1016.2	1015.6	0	
04/11:00am	12.4	8.1	7.1	70	2.6	WSW	19	26	10	14	1016.1	1015.5	0	
04/10:30am	12.2	7.5	6	66	3	WSW	20	32	11	17	1015.9	1015.3	0	
04/10:00am	12.1	8.1	6.8	70	2.6	WSW	17	24	9	13	1015.4	1014.9	0	
04/09:30am	11.2	7.7	7.3	77	1.9	SW	15	22	8	12	1015.4	1014.9	0	
04/09:00am	10.8	8.3	6.7	76	2	SSW	9	15	5	8	1015.1	1014.6	0	
04/08:30am	10.1	7.2	6.3	77	1.8	SW	11	15	6	8	1015.2	1014.7	0	

Appendix F

LFG Bore Monitoring Forms and Data

Client: CoB	Date: 8/6/24			Notes:
Landserv Job Number: L50145	Start Time: 10:36	Start Atm. P.: 978	Instrument Model & Serial No: CA-5000	
Site Location: Wendowiee LF	End Time: 12:10	End Atm. P.: 978	Last calibration *: 7/10/24	
Monitoring Personnel: FH	Weather & Ground Conditions: overcast, light showers			

[illegible]

potentially
pressurised
from install



LANDFILL GAS BORE MONITORING FORM

Client:	Date: 15/10			Notes:
Landserv Job Number: L50145	Start Time:	Start Atm. P.:	Instrument ID:	
Site Location: Wendouree LF	End Time:	End Atm. P.:	Last calibration * :	
Monitoring Personnel: TB	Weather & Ground Conditions:			

[illegible]

NOTES:

* Retain all calibration certificates on file and ensure that information allowing the calibration gas to be traced is included.

** Aspiration time refers to the total time taken for readings to be obtained, actual stabilised time may be quicker.

IMS_F090_RevC_9Aug21_LFG_Bore_Monitoring_Form.xls

LANDFILL GAS BORE MONITORING FORM

Client: COB	Date: 29/10/24			Notes: GB5 reinstated & barrier made, j-cap had been knocked off
Landserv Job Number: LS0145	Start Time: 10:05	Start Aim. P.: 9775 974	Instrument ID: GA5000	
Site Location: Wendouree	End Time: 12:05	End Aim. P.: 9775 974	Last calibration *: Per cal cert	
Monitoring Personnel: TB	Weather & Ground Conditions: Overcast, light winds			

[illegible]

NOTES:

* Retain all calibration certificates on file and ensure that information allowing the calibration gas to be traced is included.

** Aspiration time refers to the total time taken for readings to be obtained, actual stabilised time may be quicker.

LANDFILL GAS BORE MONITORING FORM

[illegible]

water in GBT but lower than pure

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
GB1											
8/10/2024 12:12	0	2.8	18	0.2	1	991	993	-2	16.3	2.79	13
8/10/2024 12:42	0	3.8	18	0	0.7	991	993	-2	15.7	2.77	13
8/10/2024 13:12	0	3.8	18	0	1.3	991	993	-2	15.4	2.77	13
8/10/2024 13:42	0	3.8	17.9	0	0.7	991	993	-2	15.1	2.76	13
8/10/2024 14:12	0	4	18	0	1	991	993	-2	15.7	2.76	13
8/10/2024 14:42	0	4	18	0	2	991	993	-2	15.9	2.76	13
8/10/2024 15:12	0	4	18	0	0.1	991	993	-2	15.9	2.76	13
8/10/2024 15:42	0	4	18	0	1.6	991	993	-2	16	2.76	14
8/10/2024 16:12	0	3.8	18	0	2.6	991	993	-2	15.8	2.76	14
8/10/2024 16:42	0	4	18	0	1.6	991	993	-2	15.4	2.75	14
8/10/2024 17:12	0	4	17.9	0	1	991	993	-2	14.9	2.75	14
8/10/2024 17:42	0	4	17.9	0	0	991	993	-2	14.4	2.75	14
8/10/2024 18:12	0	4	17.9	0	3.8	991	993	-2	13.8	2.74	14
8/10/2024 18:42	0	4	17.9	0	1	991	993	-2	13.4	2.74	14
8/10/2024 19:12	0	4	17.9	0	2.3	991	993	-2	12.6	2.74	13
8/10/2024 19:42	0	3.8	17.9	0	0.1	991	993	-2	11.6	2.74	13
8/10/2024 20:12	0	4	17.9	0	2.9	991	993	-2	10.5	2.74	14
8/10/2024 20:42	0	3.8	17.8	0	0	991	993	-2	9.3	2.72	13
8/10/2024 21:12	0	4	17.8	0	0.4	991	993	-2	7.9	2.72	13
8/10/2024 21:42	0	4	17.8	0	0	991	993	-2	6.8	2.72	13
8/10/2024 22:12	0	4	17.8	0	0	991	993	-2	5.9	2.71	13
8/10/2024 22:42	0	4	17.7	0	0.1	991	993	-2	5.1	2.71	13
8/10/2024 23:12	0	4	17.7	0	0.4	991	993	-2	4.3	2.71	13
8/10/2024 23:42	0	4	17.7	0	0.4	991	993	-2	3.6	2.71	13
9/10/2024 0:12	0	4	17.7	0	0	991	993	-2	2.9	2.71	13
9/10/2024 0:42	0	4	17.7	0	0.4	991	993	-2	2.6	2.7	14
9/10/2024 1:12	0.1	4	17.7	0	0	991	993	-2	2.4	2.7	14
9/10/2024 1:42	0	4	17.6	0	0	991	993	-2	2.2	2.7	14
9/10/2024 2:12	0	4	17.6	0	0.1	991	993	-2	2	2.7	14
9/10/2024 2:42	0	4	17.6	0	1	991	993	-2	1.9	2.7	14
9/10/2024 3:12	0	4	17.6	0	0	991	993	-2	1.9	2.69	14
9/10/2024 3:42	0	4	17.6	0	0	991	993	-2	1.8	2.69	14
9/10/2024 4:12	0	4	17.6	0	0	990	993	-3	1.8	2.69	13
9/10/2024 4:42	0	4	17.6	0	0	990	993	-3	1.7	2.69	13
9/10/2024 5:12	0	4.2	17.6	0	1.6	990	993	-3	1.7	2.69	13
9/10/2024 5:42	0.1	4	17.6	0	3.5	990	993	-3	1.6	2.67	13
9/10/2024 6:12	0	4	17.6	0	0	990	993	-3	1.6	2.67	13
9/10/2024 6:42	0	4	17.6	0	1.6	990	993	-3	1.5	2.67	13
9/10/2024 7:12	0.1	4	17.6	0	0	991	993	-2	1.4	2.67	14
9/10/2024 7:42	0	4.2	17.6	0	0	991	993	-2	2	2.67	14
9/10/2024 8:12	0	4	17.6	0	0	991	993	-2	3.8	2.66	14
9/10/2024 8:42	0	4.2	17.7	0.2	0.4	991	993	-2	5.9	2.66	14
9/10/2024 9:12	0	4	17.7	0	0.1	991	993	-2	7.9	2.66	14
9/10/2024 9:42	0.1	4	17.8	0	1.6	991	993	-2	9.8	2.66	14
9/10/2024 10:12	0	4	17.8	0.2	0.1	991	993	-2	11.6	2.66	14
9/10/2024 10:42	0	4	17.9	0.2	0	991	993	-2	13.5	2.66	14
9/10/2024 11:12	0.1	4	17.9	0.3	1.6	991	993	-2	15.4	2.66	15
9/10/2024 11:42	0	4	17.9	0	1	991	993	-2	17.1	2.66	15
9/10/2024 12:12	0.1	4	18	0	1.6	990	993	-3	18.1	2.66	14
9/10/2024 12:42	0	3.8	18	0	3.2	990	993	-3	18.6	2.66	14
9/10/2024 13:12	0	3.8	18	0	2	990	992	-2	19.1	2.66	14
9/10/2024 13:42	0	3.8	18	0	2.9	990	992	-2	19.7	2.66	14
9/10/2024 14:12	0.2	3.8	18	0	2.9	990	992	-2	20.4	2.66	14
9/10/2024 14:42	0.2	3.8	18	0	2.3	990	992	-2	21.1	2.66	14
9/10/2024 15:12	0.2	3.8	18.1	0	0.1	990	992	-2	21.7	2.66	14
9/10/2024 15:42	0.2	3.8	18.1	0	2.6	989	992	-3	22.2	2.66	13
9/10/2024 16:12	0.2	3.8	18.1	0	2.6	989	992	-3	22.5	2.66	13
9/10/2024 16:42	0.2	3.8	18.1	0	0	989	992	-3	22.6	2.66	14
9/10/2024 17:12	0.2	3.5	18.1	0	3.5	989	992	-3	22.6	2.66	14
9/10/2024 17:42	0.2	3.5	18.1	0	0	989	992	-3	22.4	2.66	14
9/10/2024 18:12	0.2	3.5	18.1	0	6	989	992	-3	22.2	2.66	14
9/10/2024 18:42	0.2	3.5	18.1	0	3.8	989	992	-3	21.7	2.65	14
9/10/2024 19:12	0.2	3.8	18.1	0	2.9	989	991	-2	20.8	2.65	14
9/10/2024 19:42	0	3.8	18	0	0	989	991	-2	19	2.65	14
9/10/2024 20:12	0	3.8	18	0	0.7	989	991	-2	16.1	2.65	14
9/10/2024 20:42	0	3.8	17.9	0	2.3	989	991	-2	13	2.65	14
9/10/2024 21:12	0	3.8	17.9	0	0	989	991	-2	11.2	2.64	14

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
9/10/2024 21:42	0	3.8	17.8	0	1.3	989	991	-2	10.3	2.64	14
9/10/2024 22:12	0	3.8	17.8	0	0.1	989	991	-2	9.7	2.64	14
9/10/2024 22:42	0.1	3.8	17.8	0	1	989	991	-2	9.4	2.64	14
9/10/2024 23:12	0	3.8	17.8	0	3.2	989	991	-2	9.4	2.64	14
9/10/2024 23:42	0	3.8	17.8	0.2	0	988	991	-3	9.4	2.64	13
10/10/2024 0:12	0	3.8	17.8	0	3.5	988	991	-3	9.6	2.63	13
10/10/2024 0:42	0	4	17.8	0	0	988	991	-3	9.5	2.63	14
10/10/2024 1:12	0	3.8	17.8	0	0	988	991	-3	9.5	2.63	14
10/10/2024 1:42	0	4	17.8	0	0	988	991	-3	9.8	2.63	14
10/10/2024 2:12	0	4	17.8	0	1.3	988	991	-3	9.9	2.63	14
10/10/2024 2:42	0	4	17.8	0	0.1	988	990	-2	9.8	2.63	14
10/10/2024 3:12	0	4	17.8	0	1.3	988	990	-2	9.7	2.61	14
10/10/2024 3:42	0	4	17.8	0	2	987	990	-3	9.9	2.61	13
10/10/2024 4:12	0.1	4	17.8	0	0	987	990	-3	10.1	2.61	13
10/10/2024 4:42	0	4	17.8	0	0	988	990	-2	10.2	2.61	14
10/10/2024 5:12	0	4	17.8	0	0.4	988	991	-3	10.3	2.61	14
10/10/2024 5:42	0	4	17.8	0	0.1	988	991	-3	10.2	2.61	14
10/10/2024 6:12	0	4	17.8	0	1	988	991	-3	10.3	2.61	14
10/10/2024 6:42	0	4	17.8	0	4.8	988	991	-3	10.2	2.61	14
10/10/2024 7:12	0	4	17.8	0	1.6	988	991	-3	10	2.61	13
10/10/2024 7:42	0	4	17.8	0	0.7	988	991	-3	10.3	2.61	13
10/10/2024 8:12	0	4.2	17.8	0	1.6	989	991	-2	11.1	2.61	14
10/10/2024 8:42	0	4	17.9	0	0.4	989	991	-2	12.3	2.61	14
10/10/2024 9:12	0	3.8	17.9	0.2	1	989	992	-3	13.7	2.61	14
10/10/2024 9:42	0	4	18	0	2.9	989	992	-3	15.3	2.61	14
10/10/2024 10:12	0	4	18	0	0.7	989	992	-3	17.1	2.61	14
10/10/2024 10:42	0.2	4	18	0.2	2.3	989	992	-3	18.9	2.61	14
10/10/2024 11:12	0	4	18	0	4.2	989	992	-3	20.3	2.61	14
10/10/2024 11:42	0.2	4	18.1	0	1.3	989	992	-3	20.9	2.61	14
10/10/2024 12:12	0	4	18	0	0	989	992	-3	20.6	2.61	14
10/10/2024 12:42	0.2	4	18.1	0	1	989	992	-3	21.2	2.61	13
10/10/2024 13:12	0.2	4	18.1	0	3.2	989	992	-3	21.6	2.61	13
10/10/2024 13:42	0.2	4	18.1	0	3.8	989	992	-3	21.8	2.61	13
10/10/2024 14:12	0.2	4	18.1	0	0.1	989	992	-3	22.1	2.61	13
10/10/2024 14:42	0.2	4	18.1	0	2	989	992	-3	22.6	2.61	13
10/10/2024 15:12	0.2	4	18.1	0	1.6	989	992	-3	23.1	2.61	13
10/10/2024 15:42	0.2	4	18.1	0	3.8	989	992	-3	23.4	2.61	13
10/10/2024 16:12	0.4	4	18.1	0	3.2	989	992	-3	23.4	2.61	13
10/10/2024 16:42	0.2	4	18.1	0	0	989	992	-3	23.4	2.61	13
10/10/2024 17:12	0.2	4	18.1	0	2.6	989	992	-3	23.3	2.61	13
10/10/2024 17:42	0.2	4.2	18.1	0	0.1	989	992	-3	22.9	2.61	13
10/10/2024 18:12	0.2	4.2	18.1	0	2	989	992	-3	22.4	2.6	13
10/10/2024 18:42	0.2	4.2	18.1	0	1	990	992	-2	21.7	2.6	14
10/10/2024 19:12	0.2	4.2	18.1	0	3.8	990	992	-2	20.4	2.6	14
10/10/2024 19:42	0	4.2	18	0	1	990	992	-2	18.4	2.6	14
10/10/2024 20:12	0	4.2	18	0	1	990	992	-2	16	2.6	14
10/10/2024 20:42	0	4.2	18	0	0	990	993	-3	13.9	2.6	14
10/10/2024 21:12	0	4.2	17.9	0	0	990	993	-3	12.1	2.6	13
10/10/2024 21:42	0	4.2	17.9	0	1	990	993	-3	10.8	2.59	13
10/10/2024 22:12	0	4.2	17.9	0	2.9	990	993	-3	9.7	2.59	13
10/10/2024 22:42	0	4.2	17.9	0	1	991	993	-2	8.8	2.59	14
10/10/2024 23:12	0	4.2	17.8	0	0	990	993	-3	7.9	2.59	13
10/10/2024 23:42	0	4.2	17.8	0	2.9	990	993	-3	7.3	2.59	13
11/10/2024 0:12	0.1	4.2	17.8	0	1.6	991	993	-2	6.6	2.59	14
11/10/2024 0:42	0	4.2	17.8	0	0.7	991	993	-2	5.9	2.58	14
11/10/2024 1:12	0	4.2	17.8	0	0	991	993	-2	5.4	2.58	14
11/10/2024 1:42	0	4.5	17.8	0	0	991	993	-2	4.8	2.58	14
11/10/2024 2:12	0	4.2	17.8	0	2.9	990	993	-3	4.3	2.58	13
11/10/2024 2:42	0	4.4	17.8	0	0	990	993	-3	3.8	2.58	13
11/10/2024 3:12	0	4.5	17.7	0	0	990	993	-3	3.3	2.58	13
11/10/2024 3:42	0	4.4	17.7	0	1	990	993	-3	2.6	2.58	13
11/10/2024 4:12	0	4.5	17.7	0	0.7	990	992	-2	1.8	2.56	13

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
11/10/2024 4:42	0	4.4	17.7	0	0.4	990	992	-2	1.3	2.56	13
11/10/2024 5:12	0	4.4	17.7	0	0	990	992	-2	0.7	2.56	13
11/10/2024 5:42	0	4.5	17.7	0	0	990	992	-2	0.2	2.56	13
11/10/2024 6:12	0.1	4.5	17.6	0	0	990	993	-3	-0.3	2.56	13
11/10/2024 6:42	0	4.4	17.6	0	0	990	993	-3	-0.3	2.56	13
11/10/2024 7:12	0	4.5	17.5	0	2	990	993	-3	0.2	2.56	0
11/10/2024 7:42	0.1	4.5	17.6	0	0	991	993	-2	1.3	2.56	14
11/10/2024 8:12	0.1	4.4	17.7	0.2	0	991	993	-2	3.1	2.56	14
11/10/2024 8:42	0	4.5	17.7	0.2	0	991	993	-2	5.5	2.56	14
11/10/2024 9:12	0	4.5	17.8	0.2	0.1	991	993	-2	8.1	2.56	14
11/10/2024 9:42	0	4.4	17.9	0.2	0	991	993	-2	10.7	2.56	14
11/10/2024 10:12	0.1	4.5	17.9	0	5.1	991	993	-2	12.3	2.56	14
11/10/2024 10:42	0	4.5	17.9	0.2	2	991	993	-2	13.3	2.58	14
11/10/2024 11:12	0	4.5	18	0.2	2.3	991	993	-2	14.6	2.58	14
11/10/2024 11:42	0	4.5	18	0.2	1	991	993	-2	15.8	2.58	14
11/10/2024 12:12	0	4.5	18	0	2.3	991	993	-2	16.8	2.58	14
11/10/2024 12:42	0	4.5	18	0	2	991	993	-2	17.9	2.58	14
11/10/2024 13:12	0	4.5	18.1	0	2.9	991	993	-2	18.3	2.58	14
11/10/2024 13:42	0	4.5	18.1	0	0.4	991	993	-2	18.1	2.58	14
11/10/2024 14:12	0	4.5	18	0	2.6	991	993	-2	17.6	2.58	14
11/10/2024 14:42	0	4.5	18.1	0	0	991	993	-2	17.4	2.58	14
11/10/2024 15:12	0	4.2	18.1	0	1	991	993	-2	17.2	2.58	14
11/10/2024 15:42	0	4.2	18.1	0	0.7	991	993	-2	16.9	2.58	14
11/10/2024 16:12	0	4.2	18.1	0	1	991	993	-2	16.8	2.58	14
11/10/2024 16:42	0	4.2	18.1	0	2.6	991	993	-2	16.6	2.58	14
11/10/2024 17:12	0	4.2	18.1	0	0.1	991	993	-2	16.3	2.58	14
11/10/2024 17:42	0	4.2	18.1	0	1.3	991	993	-2	16.1	2.58	14
11/10/2024 18:12	0	4.2	18.1	0	1.6	991	993	-2	15.8	2.58	14
11/10/2024 18:42	0	4.2	18	0	2.3	991	993	-2	15.1	2.58	14
11/10/2024 19:12	0	4.2	18	0	3.8	991	993	-2	14.7	2.58	14
11/10/2024 19:42	0	4.2	18	0	1	991	993	-2	14	2.58	14
11/10/2024 20:12	0	4.2	18	0	0	991	993	-2	12.6	2.58	13
11/10/2024 20:42	0	4.2	18	0	0	991	993	-2	11.2	2.56	13
11/10/2024 21:12	0	4.2	18	0	1	991	993	-2	9.9	2.58	13
11/10/2024 21:42	0	4.2	18	0	1	992	994	-2	9.3	2.56	14
11/10/2024 22:12	0	4.2	17.9	0	0	992	994	-2	8.6	2.56	14
11/10/2024 22:42	0	4.2	17.9	0	1	992	994	-2	8	2.56	14
11/10/2024 23:12	0	4.2	17.9	0	0	992	994	-2	7.8	2.56	14
11/10/2024 23:42	0	4.2	17.9	0	0	992	994	-2	7.8	2.56	14
12/10/2024 0:12	0	4.2	17.9	0	0.4	992	994	-2	7.9	2.56	14
12/10/2024 0:42	0	4.2	17.9	0	3.5	992	994	-2	7.9	2.56	14
12/10/2024 1:12	0	4.2	17.9	0	0	992	994	-2	7.5	2.56	14
12/10/2024 1:42	0	4.2	17.9	0	0	992	994	-2	7.1	2.56	14
12/10/2024 2:12	0	4.2	17.9	0	0	992	994	-2	7.1	2.56	14
12/10/2024 2:42	0	4.2	17.9	0	0.4	992	994	-2	7.1	2.56	14
12/10/2024 3:12	0	4.2	17.9	0	0.7	992	994	-2	6.8	2.56	14
12/10/2024 3:42	0	4.2	17.9	0	0	991	993	-2	6.6	2.56	13
12/10/2024 4:12	0	4.2	17.9	0	0	991	993	-2	6.5	2.56	13
12/10/2024 4:42	0	4.2	17.9	0	0	991	993	-2	6.1	2.56	13
12/10/2024 5:12	0.1	4.2	17.9	0	0	991	993	-2	5.7	2.56	13
12/10/2024 5:42	0	4.2	17.9	0	0	991	993	-2	5.4	2.56	13
12/10/2024 6:12	0	4.2	17.9	0	0	991	993	-2	5.1	2.55	13
12/10/2024 6:42	0	4.2	17.9	0	0	992	994	-2	4.8	2.55	14
12/10/2024 7:12	0	4.2	17.9	0	0	992	994	-2	4.7	2.55	14
12/10/2024 7:42	0	4.2	17.9	0	1.3	992	994	-2	5.2	2.55	14
12/10/2024 8:12	0	4.2	17.9	0.2	0.7	992	994	-2	6.5	2.55	14
12/10/2024 8:42	0	4.2	17.9	0	0.7	992	994	-2	8.3	2.55	14
12/10/2024 9:12	0.1	4.2	18	0	0.4	992	994	-2	10	2.56	14
12/10/2024 9:42	0	4.2	18	0.2	0.4	992	994	-2	11.7	2.56	14
12/10/2024 10:12	0	4.2	18	0.2	0	992	994	-2	13.3	2.56	14
12/10/2024 10:42	0	4.2	18.1	0.2	0.7	992	994	-2	14.7	2.56	14
12/10/2024 11:12	0	4.2	18.1	0	1.3	992	994	-2	15.8	2.56	15
12/10/2024 11:42	0	4.2	18.1	0	4.5	992	994	-2	16.9	2.56	14
12/10/2024 12:12	0	4.2	18.2	0	0.1	991	994	-3	17.6	2.56	14
12/10/2024 12:42	0	4.2	18.2	0	2.9	991	993	-2	18.1	2.56	13
12/10/2024 13:12	0	4.2	18.2	0.2	1.6	991	993	-2	18.6	2.56	14
12/10/2024 13:42	0.2	4.2	18.2	0	2.3	991	993	-2	19.1	2.56	13

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
12/10/2024 14:12	0.2	4.2	18.2	0	0	991	993	-2	19.8	2.56	13
12/10/2024 14:42	0.2	4	18.2	0	1.3	991	993	-2	20.4	2.56	13
12/10/2024 15:12	0.2	4	18.3	0	0	991	993	-2	21.1	2.58	13
12/10/2024 15:42	0.2	4	18.3	0	0	991	993	-2	21.7	2.58	14
12/10/2024 16:12	0.2	4	18.3	0	0.7	991	993	-2	21.9	2.58	14
12/10/2024 16:42	0.2	4	18.3	0	0.1	991	993	-2	21.9	2.58	14
12/10/2024 17:12	0.2	4	18.3	0	3.2	991	993	-2	22	2.58	14
12/10/2024 17:42	0.2	4	18.3	0	2.9	991	993	-2	21.9	2.58	14
12/10/2024 18:12	0.2	4	18.3	0	0.7	991	993	-2	21.6	2.58	14
12/10/2024 18:42	0.2	4	18.3	0	1	990	993	-3	21.1	2.58	13
12/10/2024 19:12	0.2	4	18.3	0	2.9	990	993	-3	19.9	2.58	13
12/10/2024 19:42	0.2	3.8	18.2	0	1.3	990	993	-3	18.1	2.58	13
12/10/2024 20:12	0	4	18.2	0	0	990	993	-3	15.7	2.56	13
12/10/2024 20:42	0	3.8	18.2	0	0	990	993	-3	13.5	2.56	13
12/10/2024 21:12	0	3.8	18.1	0	0.7	990	993	-3	11.8	2.56	13
12/10/2024 21:42	0	3.8	18.1	0	2.3	990	993	-3	10.3	2.56	13
12/10/2024 22:12	0	3.8	18.1	0	0.7	990	993	-3	9.2	2.56	13
12/10/2024 22:42	0	3.8	18	0	1.6	990	993	-3	8.3	2.56	13
12/10/2024 23:12	0	3.8	18	0	1	990	993	-3	7.4	2.56	13
12/10/2024 23:42	0	3.8	18	0	0	990	993	-3	6.4	2.56	13
13/10/2024 0:12	0	4	18	0	2.6	990	993	-3	5.2	2.56	13
13/10/2024 0:42	0.1	4	18	0	0	990	993	-3	3.7	2.55	13
13/10/2024 1:12	0	4	17.9	0	0	990	992	-2	2.3	2.55	13
13/10/2024 1:42	0	4	17.8	0	0	990	992	-2	1.1	2.55	0
13/10/2024 2:12	0	4	17.7	0	0	990	992	-2	0.3	2.55	0
13/10/2024 2:42	0	4	17.5	0	0.7	990	992	-2	-0.4	2.55	0
13/10/2024 3:12	0	4	17.2	0	0.1	990	992	-2	0.5	2.55	0
13/10/2024 3:42	0	4	17.2	0	0	990	992	-2	0	2.55	1
13/10/2024 4:12	0	3.8	18.2	0	0	989	992	-3	-0.4	2.54	0
13/10/2024 4:42	0	3.5	18.2	0	0	989	992	-3	-0.9	2.54	0
13/10/2024 5:12	0	3.3	18.2	0	0	989	992	-3	-1.3	2.54	0
13/10/2024 5:42	0	3.3	18.2	0	0	989	992	-3	-1.5	2.54	0
13/10/2024 6:12	0	3.3	18.2	0	0.4	989	992	-3	-1.8	2.54	0
13/10/2024 6:42	0	3.3	18.2	0	0	989	992	-3	-1.6	2.54	0
13/10/2024 7:12	0.1	3.3	18.2	0	0	990	992	-2	-0.9	2.54	1
13/10/2024 7:42	0	4	17.7	0	1	990	992	-2	0.3	2.54	1
13/10/2024 8:12	0	4	17.9	0.2	0	990	992	-2	3.7	2.54	14
13/10/2024 8:42	0	4	18	0.2	0	990	992	-2	7.1	2.54	14
13/10/2024 9:12	0	4	18	0.2	0	990	992	-2	9.7	2.54	14
13/10/2024 9:42	0	4	18.1	0	1.6	990	992	-2	12	2.54	15
13/10/2024 10:12	0.1	4	18.1	0.2	0	989	992	-3	14.1	2.55	14
13/10/2024 10:42	0	4	18.2	0.2	0	989	992	-3	15.9	2.55	14
13/10/2024 11:12	0	4	18.2	0	0	989	992	-3	17.3	2.55	14
13/10/2024 11:42	0.2	3.8	18.3	0	1	989	992	-3	18.6	2.56	14
13/10/2024 12:12	0.2	3.8	18.3	0	5.7	989	992	-3	19.6	2.56	14
13/10/2024 12:42	0.2	3.8	18.3	0.2	0.4	989	991	-2	20.4	2.56	14
13/10/2024 13:12	0.2	3.8	18.3	0	3.5	989	991	-2	20.9	2.56	14
13/10/2024 13:42	0.2	3.5	18.4	0	0.7	989	991	-2	21.6	2.56	14
13/10/2024 14:12	0.2	3.3	18.4	0	0.4	989	991	-2	22.2	2.56	14
13/10/2024 14:42	0.2	3.3	18.4	0	1.6	988	991	-3	22.6	2.56	13
13/10/2024 15:12	0.2	3.3	18.4	0	0.4	988	991	-3	23.3	2.56	13
13/10/2024 15:42	0.4	3.3	18.4	0	0	988	991	-3	23.8	2.56	14
13/10/2024 16:12	0.4	3.3	18.4	0	2.3	988	991	-3	23.9	2.56	14
13/10/2024 16:42	0.4	3.3	18.4	0	0	988	991	-3	23.8	2.56	14
13/10/2024 17:12	0.4	3.3	18.4	0	1.6	988	991	-3	23.6	2.56	14
13/10/2024 17:42	0.4	3.3	18.4	0	0	988	991	-3	23.2	2.56	14
13/10/2024 18:12	0.4	3.3	18.4	0	0	988	991	-3	22.5	2.56	14
13/10/2024 18:42	0.2	3.3	18.4	0	1.6	988	991	-3	21.6	2.56	14
13/10/2024 19:12	0.2	3.3	18.3	0	3.5	988	991	-3	20.5	2.56	14
13/10/2024 19:42	0.2	3.3	18.3	0	3.5	988	991	-3	19.5	2.56	14
13/10/2024 20:12	0	3.3	18.3	0	2.6	988	991	-3	18.4	2.56	14
13/10/2024 20:42	0	3.3	18.3	0	1	988	991	-3	17.1	2.56	14
13/10/2024 21:12	0	3.3	18.3	0	0	988	991	-3	15.7	2.56	13
13/10/2024 21:42	0	3.3	18.2	0	2.6	988	991	-3	14.6	2.56	13
13/10/2024 22:12	0	3.3	18.2	0	0.1	988	991	-3	13.7	2.56	13
13/10/2024 22:42	0	3.3	18.2	0	0	988	991	-3	13.1	2.56	14
13/10/2024 23:12	0	3.3	18.2	0	1.6	988	991	-3	12.6	2.56	14

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
13/10/2024 23:42	0	3.3	18.2	0	2	988	991	-3	12.2	2.56	14
14/10/2024 0:12	0	3.3	18.2	0.2	0	988	991	-3	11.9	2.55	14
14/10/2024 0:42	0	3.3	18.2	0	2	988	991	-3	11.6	2.55	14
14/10/2024 1:12	0	3.3	18.2	0	0.4	988	991	-3	11.4	2.55	14
14/10/2024 1:42	0.1	3.3	18.1	0	0.1	988	991	-3	11.3	2.55	14
14/10/2024 2:12	0	3.3	18.1	0	0	988	991	-3	11	2.55	14
14/10/2024 2:42	0	3.3	18.1	0	0.1	988	991	-3	10.8	2.55	14
14/10/2024 3:12	0.1	3.3	18.1	0	0	988	990	-2	10.7	2.55	14
14/10/2024 3:42	0	3.3	18.1	0	0	988	990	-2	10.6	2.55	15
14/10/2024 4:12	0	3.3	18.1	0	1.3	987	990	-3	10.6	2.55	13
14/10/2024 4:42	0	3.3	18.1	0	0	988	990	-2	10.7	2.55	14
14/10/2024 5:12	0	3.3	18.1	0	1	988	990	-2	10.8	2.55	14
14/10/2024 5:42	0	3.3	18.1	0	0	988	991	-3	10.6	2.55	14
14/10/2024 6:12	0	3.5	18.1	0	0.1	988	991	-3	10.4	2.54	14
14/10/2024 6:42	0	3.3	18.1	0	0.7	988	991	-3	10.1	2.54	14
14/10/2024 7:12	0	3.3	18.1	0	0	988	991	-3	10.2	2.54	14
14/10/2024 7:42	0	3.3	18.1	0	0.1	988	991	-3	10.4	2.54	14
14/10/2024 8:12	0	3.3	18.1	0	2	988	991	-3	10.9	2.54	14
14/10/2024 8:42	0	3.3	18.1	0	1.3	988	991	-3	11.4	2.54	14
14/10/2024 9:12	0	3.3	18.2	0.2	0	988	991	-3	12.6	2.54	14
14/10/2024 9:42	0	3.5	18.2	0.2	2.3	988	991	-3	14.7	2.54	14
14/10/2024 10:12	0	3.5	18.2	0	0.1	988	991	-3	15.9	2.55	14
14/10/2024 10:42	0	3.5	18.2	0	1.3	989	991	-2	16.2	2.54	14
14/10/2024 11:12	0	3.5	18.2	0	0.7	989	991	-2	16.3	2.55	14
14/10/2024 11:42	0	3.5	18.3	0	0	988	991	-3	17.2	2.55	14
14/10/2024 12:12	0	3.5	18.3	0.2	2.3	988	991	-3	18.7	2.55	14
14/10/2024 12:42	0.2	3.5	18.3	0.2	1.3	988	991	-3	19.2	2.55	13
14/10/2024 13:12	0.2	3.3	18.3	0	2	988	991	-3	19.5	2.55	13
14/10/2024 13:42	0.2	3.3	18.3	0	0.4	988	991	-3	19.8	2.55	14
14/10/2024 14:12	0.2	3.5	18.3	0.2	0	988	991	-3	20.1	2.55	14
14/10/2024 14:42	0.2	3.3	18.3	0.2	0.7	988	991	-3	20.4	2.55	14
14/10/2024 15:12	0.2	3.3	18.4	0	1.3	988	991	-3	20.8	2.55	14
14/10/2024 15:42	0.2	3.3	18.4	0	1	988	991	-3	21.4	2.55	14
14/10/2024 16:12	0.2	3.3	18.4	0.2	2.3	988	991	-3	21.9	2.55	14
14/10/2024 16:42	0.2	3.3	18.4	0.2	2.9	988	991	-3	22.3	2.55	14
14/10/2024 17:12	0.4	3.3	18.4	0	3.8	988	991	-3	22.4	2.55	13
14/10/2024 17:42	0.4	3.3	18.4	0	2.6	988	991	-3	22.4	2.55	13
14/10/2024 18:12	0.2	3.3	18.4	0	1.6	988	991	-3	22.1	2.55	13
14/10/2024 18:42	0.2	3	18.4	0	1.6	988	991	-3	21.6	2.55	13
14/10/2024 19:12	0.2	3.3	18.4	0	1.3	988	991	-3	20.6	2.55	13
14/10/2024 19:42	0.2	3	18.4	0	0	989	991	-2	19.1	2.55	14
14/10/2024 20:12	0	3	18.3	0	0	988	991	-3	17.2	2.55	13
14/10/2024 20:42	0	3	18.3	0	1	989	991	-2	15.5	2.55	14
14/10/2024 21:12	0	3	18.3	0	2	989	991	-2	14.4	2.55	14
14/10/2024 21:42	0	3	18.3	0	1.3	989	991	-2	13.8	2.54	14
14/10/2024 22:12	0	3	18.3	0	0	989	991	-2	13.3	2.54	14
14/10/2024 22:42	0	3	18.3	0	0	989	991	-2	12.7	2.54	14
14/10/2024 23:12	0	3	18.3	0	0	989	991	-2	12.1	2.54	14
14/10/2024 23:42	0	3	18.2	0	1.6	989	991	-2	11.6	2.54	14
15/10/2024 0:12	0	2.8	18.2	0	0	989	991	-2	11.3	2.54	14
15/10/2024 0:42	0	2.8	18.2	0	2	989	991	-2	11.2	2.54	14
15/10/2024 1:12	0	2.7	18.2	0	1	989	991	-2	11.1	2.54	14
15/10/2024 1:42	0	2.8	18.2	0	1.6	988	991	-3	10.9	2.54	13
15/10/2024 2:12	0	2.8	18.2	0	0	988	991	-3	10.8	2.54	14
15/10/2024 2:42	0	2.7	18.2	0	1	988	991	-3	10.3	2.54	13
15/10/2024 3:12	0	2.8	18.2	0	0.7	988	991	-3	9.8	2.54	13
15/10/2024 3:42	0	2.8	18.2	0	2.3	988	991	-3	9.3	2.53	13
15/10/2024 4:12	0	2.8	18.2	0	2.3	988	991	-3	8.8	2.53	14
15/10/2024 4:42	0	2.8	18.2	0	0	988	991	-3	7.9	2.53	14
15/10/2024 5:12	0	2.8	18.2	0	1	988	991	-3	7.1	2.53	13
15/10/2024 5:42	0	2.8	18.2	0	0	988	991	-3	6.6	2.53	13
15/10/2024 6:12	0	2.8	18.1	0	0.1	988	991	-3	6.9	2.53	13
15/10/2024 6:42	0	2.8	18.2	0	1.3	988	991	-3	7.6	2.53	13
15/10/2024 7:12	0	2.8	18.2	0	0	988	991	-3	8.3	2.53	13
15/10/2024 7:42	0	2.8	18.2	0	2.9	989	991	-2	9.3	2.53	14

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
15/10/2024 8:12	0	2.8	18.2	0.2	1	989	991	-2	11.2	2.53	14
15/10/2024 8:42	0	3	18.3	0.2	0.1	989	992	-3	13.4	2.53	14
15/10/2024 9:12	0	3	18.3	0.2	0	989	991	-2	15.4	2.53	14
15/10/2024 9:42	0	3	18.3	0.2	0	989	992	-3	17	2.53	14
15/10/2024 10:12	0.2	3	18.4	0	1.3	989	992	-3	18.5	2.53	14
15/10/2024 10:42	0.2	3	18.4	0	1.3	989	992	-3	19.4	2.54	14
15/10/2024 11:12	0.2	2.8	18.4	0	0	989	991	-2	20.1	2.54	14
15/10/2024 11:42	0.2	2.8	18.4	0	3.5	989	991	-2	20.7	2.54	14
15/10/2024 12:12	0.2	2.8	18.5	0	0.7	989	991	-2	20.9	2.54	14
15/10/2024 12:42	0.2	2.8	18.5	0	3.2	988	991	-3	22.1	2.54	13
15/10/2024 13:12	0.4	2.8	18.5	0	2.9	988	991	-3	23.4	2.54	14
15/10/2024 13:42	0.4	2.8	18.5	0	3.2	988	991	-3	24.6	2.54	13
15/10/2024 14:12	0.6	2.8	18.5	0	2	988	991	-3	25.6	2.54	14

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
GB2											
15/10/2024 14:32	0.8	4.5	18.2	0	2	988	991	-3	27.8	3.11	13
15/10/2024 15:02	0.8	4.9	18.2	0	1	988	991	-3	28.8	3.12	13
15/10/2024 15:32	1	4.9	18.2	0	2	988	991	-3	28.8	3.11	14
15/10/2024 16:02	1	4.7	18.2	0	1.6	988	991	-3	28.1	3.11	13
15/10/2024 16:32	0.8	4.7	18.2	0	2.9	988	991	-3	27.1	3.11	13
15/10/2024 17:02	0.6	4.7	18.2	0	2	988	991	-3	25.9	3.1	14
15/10/2024 17:32	0.6	4.7	18.1	0	1	988	991	-3	24.8	3.1	14
15/10/2024 18:02	0.4	4.7	18.1	0	0.4	988	991	-3	23.8	3.1	14
15/10/2024 18:32	0.4	4.7	18.1	0	5.7	988	991	-3	22.6	3.09	14
15/10/2024 19:02	0.4	4.9	18.1	0	0	988	991	-3	21.4	3.09	13
15/10/2024 19:32	0.2	4.9	18.1	0	0	988	991	-3	19.5	3.07	13
15/10/2024 20:02	0.2	4.9	18	0	0	988	991	-3	17.9	3.06	14
15/10/2024 20:32	0	4.9	18	0	0	988	991	-3	16.6	3.06	14
15/10/2024 21:02	0	4.9	18	0	2	988	991	-3	15.8	3.06	13
15/10/2024 21:32	0	4.9	18	0	2.6	988	991	-3	15.2	3.06	13
15/10/2024 22:02	0	4.9	18	0	0	988	991	-3	14.7	3.05	13
15/10/2024 22:32	0	4.9	18	0	3.2	988	991	-3	14.3	3.05	14
15/10/2024 23:02	0	4.9	18	0	1.3	988	991	-3	14.1	3.04	14
15/10/2024 23:32	0	4.9	18	0	0.4	988	991	-3	13.9	3.04	14
16/10/2024 0:02	0	4.9	18	0	0.1	988	991	-3	13.9	3.04	14
16/10/2024 0:32	0.1	4.9	18	0	0.7	988	991	-3	13.8	3.02	14
16/10/2024 1:02	0	4.9	18	0	2	988	991	-3	13.9	3.02	14
16/10/2024 1:32	0	4.9	18	0.2	2.6	988	991	-3	13.9	3.02	14
16/10/2024 2:02	0	4.9	18	0	4.2	988	991	-3	13.9	3.01	14
16/10/2024 2:32	0	4.9	18	0	0	988	991	-3	13.9	3.01	14
16/10/2024 3:02	0	4.9	18	0	0	988	991	-3	14.1	3.01	14
16/10/2024 3:32	0	4.9	18	0	2.6	988	991	-3	14.3	3.01	14
16/10/2024 4:02	0	4.9	18	0	0	988	991	-3	14.3	3	14
16/10/2024 4:32	0	4.9	18	0	0	988	991	-3	14.3	3	14
16/10/2024 5:02	0	4.9	18	0	0	988	991	-3	14.3	3	14
16/10/2024 5:32	0	4.9	18	0	2.6	988	991	-3	14.3	2.99	14
16/10/2024 6:02	0	4.9	18	0	0	988	991	-3	14.2	2.99	14
16/10/2024 6:32	0	4.9	18	0	2.9	988	991	-3	14.2	2.99	14
16/10/2024 7:02	0	4.9	18	0	1.3	988	991	-3	14.2	2.99	14
16/10/2024 7:32	0	5.1	18	0.2	0.4	988	991	-3	14.3	2.97	14
16/10/2024 8:02	0	4.9	18	0	4.8	988	991	-3	14.4	2.97	14
16/10/2024 8:32	0	4.9	18	0	1	988	991	-3	15.2	2.97	14
16/10/2024 9:02	0.1	4.9	18	0	1.3	988	991	-3	15.7	2.96	14
16/10/2024 9:32	0	5.1	18	0	4.2	988	991	-3	16	2.96	13
16/10/2024 10:02	0.2	5.2	18	0	2.3	988	991	-3	16.5	2.96	13
16/10/2024 10:32	0.2	5.2	18	0	1	988	991	-3	17.6	2.96	14
16/10/2024 11:02	0.2	5.1	18	0	0.7	988	991	-3	18.6	2.96	14
16/10/2024 11:32	0.2	5.2	18.1	0.2	0.1	988	991	-3	19.6	2.96	14
16/10/2024 12:02	0.2	5.2	18.1	0	2.6	988	991	-3	20.5	2.96	14
16/10/2024 12:32	0.2	5.1	18.1	0	3.5	988	991	-3	21.3	2.96	14
16/10/2024 13:02	0.4	5.1	18.1	0	2	988	991	-3	22	2.96	14
16/10/2024 13:32	0.4	5.1	18.1	0	0.7	988	991	-3	22.7	2.96	14
16/10/2024 14:02	0.4	5.1	18.1	0	3.5	988	991	-3	22.8	2.95	14
16/10/2024 14:32	0.4	5.1	18.1	0	0	988	990	-2	22.8	2.95	14
16/10/2024 15:02	0.4	5.1	18.1	0	3.5	987	990	-3	23.1	2.95	13
16/10/2024 15:32	0.4	5.1	18.1	0	2	987	990	-3	23	2.95	13
16/10/2024 16:02	0.4	5.1	18.1	0.2	1.6	987	990	-3	23.2	2.95	13
16/10/2024 16:32	0.4	5.1	18.1	0	3.2	987	990	-3	23.2	2.95	13
16/10/2024 17:02	0.4	4.9	18.1	0	2.9	987	990	-3	23.1	2.95	13
16/10/2024 17:32	0.4	5.1	18.1	0	0.7	987	990	-3	22.7	2.94	13
16/10/2024 18:02	0.2	5.2	18.1	0	2.6	987	990	-3	22.3	2.94	13
16/10/2024 18:32	0.2	5.1	18.1	0	4.2	987	990	-3	21.8	2.94	13
16/10/2024 19:02	0.2	5.1	18.1	0	2.3	987	990	-3	20.6	2.94	13
16/10/2024 19:32	0.2	5.1	18.1	0	0	987	990	-3	19.4	2.94	14
16/10/2024 20:02	0.2	5.1	18	0	0	987	990	-3	18.2	2.94	13
16/10/2024 20:32	0	5.1	18	0	2.3	987	990	-3	16.9	2.92	13
16/10/2024 21:02	0	5.1	18	0	2.9	988	990	-2	16	2.92	14
16/10/2024 21:32	0	5.1	18	0	4.2	987	990	-3	15.2	2.92	13
16/10/2024 22:02	0	4.9	18	0	1.3	987	990	-3	14.9	2.92	14
16/10/2024 22:32	0	5.1	18	0	0	987	990	-3	14.9	2.91	14
16/10/2024 23:02	0	5.1	18	0	2.6	987	990	-3	14.8	2.91	13
16/10/2024 23:32	0	5.1	18	0	0.1	987	990	-3	14.4	2.91	14

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
17/10/2024 0:02	0	5.1	18	0	0.1	987	990	-3	14.4	2.91	13
17/10/2024 0:32	0	5.1	18	0.2	0	987	990	-3	14.4	2.91	13
17/10/2024 1:02	0	5.1	18	0	0.1	987	990	-3	14.2	2.91	13
17/10/2024 1:32	0	5.1	18	0	1.3	987	990	-3	13.9	2.91	13
17/10/2024 2:02	0	5.1	17.9	0	0	987	990	-3	13.8	2.9	14
17/10/2024 2:32	0	5.1	17.9	0	0	987	990	-3	13.9	2.9	14
17/10/2024 3:02	0	4.9	18	0	3.8	986	990	-4	14.1	2.9	13
17/10/2024 3:32	0	4.9	18	0	0.7	986	990	-4	14.3	2.9	13
17/10/2024 4:02	0	5.1	18	0	0.4	986	990	-4	14.3	2.9	13
17/10/2024 4:32	0	5.1	18	0	2	987	990	-3	14.3	2.9	14
17/10/2024 5:02	0	4.9	18	0	0	987	990	-3	14.2	2.9	14
17/10/2024 5:32	0	5.1	18	0	4.5	986	990	-4	14	2.89	13
17/10/2024 6:02	0	5.1	18	0.2	0.7	986	990	-4	13.8	2.89	13
17/10/2024 6:32	0	5.1	18	0.2	0	986	990	-4	13.8	2.89	13
17/10/2024 7:02	0	5.1	18	0.2	0.4	987	990	-3	13.8	2.89	14
17/10/2024 7:32	0	5.1	18	0	2.9	987	990	-3	14.4	2.89	14
17/10/2024 8:02	0	5.1	18	0	3.2	987	990	-3	14.9	2.89	14
17/10/2024 8:32	0	4.9	18	0.2	0	987	990	-3	15.7	2.87	14
17/10/2024 9:02	0	4.9	18	0	0.7	987	990	-3	17	2.87	14
17/10/2024 9:32	0.2	4.9	18	0.2	2	987	990	-3	18	2.87	14
17/10/2024 10:02	0.2	4.9	18.1	0	0	987	990	-3	18.6	2.87	14
17/10/2024 10:32	0.2	4.9	18.1	0	2.3	986	990	-4	18.9	2.87	13
17/10/2024 11:02	0.2	4.9	18.1	0	1	986	990	-4	19.9	2.87	13
17/10/2024 11:32	0.2	4.9	18.1	0	0.7	986	989	-3	20.5	2.87	13
17/10/2024 12:02	0.2	4.9	18.1	0.2	1.3	986	989	-3	21	2.87	13
17/10/2024 12:32	0.2	4.9	18.1	0	0	986	989	-3	21.6	2.87	14
17/10/2024 13:02	0.2	5.1	18.1	0	0.4	986	989	-3	21.3	2.87	13
17/10/2024 13:32	0.4	5.1	18.1	0	0	986	989	-3	20.5	2.87	14
17/10/2024 14:02	0.2	4.9	18.1	0	0.1	986	989	-3	19.9	2.87	14
17/10/2024 14:32	0.2	4.9	18.1	0	1.3	986	989	-3	19.3	2.86	14
17/10/2024 15:02	0.2	4.9	18.1	0.2	1	985	989	-4	19.6	2.86	13
17/10/2024 15:32	0.2	4.9	18.1	0	0.4	985	989	-4	20.7	2.86	13
17/10/2024 16:02	0.2	5.1	18.1	0	2.6	985	989	-4	21.1	2.86	13
17/10/2024 16:32	0.2	4.9	18.1	0	2	985	989	-4	20.7	2.86	13
17/10/2024 17:02	0.2	5.1	18.1	0	0.1	985	989	-4	20.4	2.86	13
17/10/2024 17:32	0.2	5.1	18.1	0	0.1	985	988	-3	20.1	2.86	13
17/10/2024 18:02	0.2	5.1	18.1	0	1	985	988	-3	19.6	2.86	14
17/10/2024 18:32	0.2	5.1	18.1	0	1.3	985	988	-3	19.3	2.86	13
17/10/2024 19:02	0.2	5.1	18.1	0	3.5	985	988	-3	18.9	2.86	14
17/10/2024 19:32	0.2	5.1	18	0	0	985	988	-3	18.3	2.86	14
17/10/2024 20:02	0.2	4.9	18	0	3.2	984	988	-4	17.8	2.86	13
17/10/2024 20:32	0	4.9	18	0	1.3	984	988	-4	17.5	2.85	13
17/10/2024 21:02	0.2	5.1	18	0	0.7	984	988	-4	17.4	2.85	13
17/10/2024 21:32	0	5.1	18	0	1.6	985	988	-3	17.3	2.85	14
17/10/2024 22:02	0.2	4.9	18	0	3.2	984	988	-4	17.5	2.85	13
17/10/2024 22:32	0.2	5.1	18	0	1.3	984	988	-4	17.8	2.85	13
17/10/2024 23:02	0.2	5.1	18	0	2.6	984	988	-4	18	2.85	13
17/10/2024 23:32	0.2	4.9	18	0	0.7	984	988	-4	18.1	2.85	13
18/10/2024 0:02	0.2	5.1	18	0	1.6	984	988	-4	18.1	2.85	13
18/10/2024 0:32	0.2	5.1	18	0	0	984	988	-4	18.2	2.85	13
18/10/2024 1:02	0.2	5.2	18	0	2.3	984	988	-4	18	2.84	13
18/10/2024 1:32	0.2	4.9	18	0	2	984	988	-4	17.6	2.84	13
18/10/2024 2:02	0.2	4.9	18	0	1.6	984	987	-3	17.3	2.84	14
18/10/2024 2:32	0.2	5.2	18	0	2.6	984	987	-3	17.1	2.84	14
18/10/2024 3:02	0.2	4.9	18	0.2	2	983	987	-4	16.9	2.84	13
18/10/2024 3:32	0	4.9	18	0	2.6	983	987	-4	16.7	2.84	13
18/10/2024 4:02	0	5.1	18	0	0.7	983	987	-4	16.5	2.84	13
18/10/2024 4:32	0	5.1	18	0	0.7	983	987	-4	16.4	2.84	13
18/10/2024 5:02	0.2	4.9	18	0	0	983	987	-4	16.4	2.84	13
18/10/2024 5:32	0	5.1	18	0	0	982	986	-4	16.3	2.84	13
18/10/2024 6:02	0	4.9	18	0	0.1	982	986	-4	16.3	2.84	13
18/10/2024 6:32	0	4.9	18	0	2	982	986	-4	16.1	2.84	13
18/10/2024 7:02	0	5.1	18	0	0.7	982	986	-4	16.1	2.84	13
18/10/2024 7:32	0	5.1	18	0	0	982	986	-4	16.2	2.84	13
18/10/2024 8:02	0.2	5.1	18	0	1	982	986	-4	16.2	2.82	13
18/10/2024 8:32	0.2	4.9	18	0	0	982	986	-4	16.1	2.82	13
18/10/2024 9:02	0.2	4.9	18	0	0.4	982	986	-4	16	2.82	14
18/10/2024 9:32	0	5.1	18	0	2	982	986	-4	15.8	2.82	14

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
18/10/2024 10:02	0.2	5.1	18	0	1	982	986	-4	15.9	2.82	14
18/10/2024 10:32	0.2	4.9	18	0	0	982	986	-4	16	2.82	14
18/10/2024 11:02	0	5.2	18	0	0.1	982	986	-4	16.3	2.82	14
18/10/2024 11:32	0	5.1	18	0	0.1	982	986	-4	17.2	2.82	14
18/10/2024 12:02	0.2	5.1	18	0.2	1.6	982	986	-4	18.5	2.82	14
18/10/2024 12:32	0.2	5.1	18.1	0	3.5	981	986	-5	20.3	2.82	13
18/10/2024 13:02	0.2	5.2	18.1	0	0	981	986	-5	21.9	2.82	13
18/10/2024 13:32	0.4	5.1	18.1	0	3.8	981	986	-5	22.9	2.82	13
18/10/2024 14:02	0.4	5.1	18.1	0	4.2	981	986	-5	24	2.82	13
18/10/2024 14:32	0.6	5.1	18.1	0	4.8	981	986	-5	24.8	2.82	12
18/10/2024 15:02	0.4	5.2	18.1	0	3.2	981	986	-5	24.6	2.82	12
18/10/2024 15:32	0.4	5.1	18.1	0	2.6	982	986	-4	23.6	2.82	13
18/10/2024 16:02	0.4	5.2	18.1	0	2.3	982	986	-4	21.8	2.82	13
18/10/2024 16:32	0.2	5.1	18.1	0	0	982	986	-4	20.3	2.82	13
18/10/2024 17:02	0.2	5.1	18.1	0	1	982	986	-4	19.1	2.82	13
18/10/2024 17:32	0.2	5.1	18	0	1.3	983	987	-4	18	2.82	13
18/10/2024 18:02	0	5.1	18	0	1	983	987	-4	16.9	2.81	13
18/10/2024 18:32	0	5.1	18	0	2.3	983	987	-4	15.9	2.82	13
18/10/2024 19:02	0	5.1	18	0	0	983	987	-4	15.2	2.81	13
18/10/2024 19:32	0	5.2	18	0	0.7	984	987	-3	14.5	2.81	14
18/10/2024 20:02	0	5.1	17.9	0	0	984	988	-4	13.9	2.81	13
18/10/2024 20:32	0	5.1	17.9	0	0.4	984	988	-4	13.4	2.81	13
18/10/2024 21:02	0	5.1	17.9	0	0	985	988	-3	13.1	2.81	14
18/10/2024 21:32	0	5.1	17.9	0	2.6	985	988	-3	12.8	2.81	14
18/10/2024 22:02	0	5.4	17.9	0	0	985	988	-3	12.6	2.8	13
18/10/2024 22:32	0.1	5.1	17.9	0	1	985	989	-4	12.4	2.8	13
18/10/2024 23:02	0	5.4	17.9	0	1	985	989	-4	12.2	2.8	13
18/10/2024 23:32	0	5.1	17.9	0	0	985	989	-4	12.1	2.8	13
19/10/2024 0:02	0.1	5.4	17.9	0	4.2	986	989	-3	11.9	2.8	14
19/10/2024 0:32	0	5.4	17.9	0	4.5	986	989	-3	11.8	2.8	14
19/10/2024 1:02	0	5.4	17.9	0	0	986	989	-3	11.6	2.8	14
19/10/2024 1:32	0	5.4	17.9	0	0	986	989	-3	11.5	2.79	14
19/10/2024 2:02	0	5.4	17.9	0	1.6	986	989	-3	11.3	2.79	14
19/10/2024 2:32	0	5.4	17.9	0	0	986	989	-3	11.2	2.79	13
19/10/2024 3:02	0	5.4	17.9	0	0.4	986	989	-3	11.1	2.77	13
19/10/2024 3:32	0	5.4	17.8	0	1.6	986	989	-3	10.9	2.77	13
19/10/2024 4:02	0	5.4	17.8	0	0	986	989	-3	10.8	2.77	13
19/10/2024 4:32	0	5.4	17.8	0	0	986	989	-3	10.8	2.77	13
19/10/2024 5:02	0	5.4	17.8	0	1.3	986	990	-4	10.7	2.77	13
19/10/2024 5:32	0	5.4	17.8	0	0.1	987	990	-3	10.6	2.77	14
19/10/2024 6:02	0	5.4	17.8	0	0	987	990	-3	10.6	2.76	14
19/10/2024 6:32	0	5.4	17.8	0	0	987	990	-3	10.5	2.76	14
19/10/2024 7:02	0	5.4	17.8	0	1.3	987	990	-3	10.4	2.76	13
19/10/2024 7:32	0.1	5.4	17.8	0.2	0	987	990	-3	10.4	2.76	13
19/10/2024 8:02	0	5.4	17.8	0.2	0.1	987	990	-3	10.4	2.76	13
19/10/2024 8:32	0	5.6	17.8	0	0.1	988	990	-2	10.3	2.76	14
19/10/2024 9:02	0	5.6	17.8	0	2	988	991	-3	10.3	2.76	14
19/10/2024 9:32	0	5.6	17.8	0	2	988	991	-3	10.4	2.76	13
19/10/2024 10:02	0	5.4	17.8	0.2	2.9	988	991	-3	11.7	2.76	14
19/10/2024 10:32	0	5.6	17.8	0	1.6	988	991	-3	13.2	2.76	14
19/10/2024 11:02	0	5.6	17.9	0.3	0.4	988	991	-3	14.8	2.76	13
19/10/2024 11:32	0	5.6	17.9	0.2	1	988	991	-3	16.2	2.76	13
19/10/2024 12:02	0.2	5.6	17.9	0	0.4	988	991	-3	17.3	2.76	13
19/10/2024 12:32	0.2	5.6	17.9	0	2.9	988	991	-3	18.4	2.76	13
19/10/2024 13:02	0.2	5.6	17.9	0	1.6	988	991	-3	19.2	2.76	13
19/10/2024 13:32	0.2	5.6	17.9	0	4.2	988	991	-3	19.8	2.76	13
19/10/2024 14:02	0.2	5.6	17.9	0	3.5	988	991	-3	20.5	2.76	13
19/10/2024 14:32	0.4	5.6	17.9	0	3.5	988	991	-3	20.9	2.76	13
19/10/2024 15:02	0.2	5.6	17.9	0	4.5	988	991	-3	21.1	2.77	13
19/10/2024 15:32	0.2	5.6	17.9	0	1.6	988	991	-3	20.9	2.76	13
19/10/2024 16:02	0.2	5.6	17.9	0	0.4	989	991	-2	20.4	2.76	14
19/10/2024 16:32	0.2	5.6	17.9	0	1.6	989	991	-2	20.1	2.76	14
19/10/2024 17:02	0.2	5.6	17.9	0	2.9	989	991	-2	20.8	2.76	13
19/10/2024 17:32	0.2	5.6	17.9	0	2.9	989	991	-2	20	2.76	14
19/10/2024 18:02	0.2	5.6	17.9	0	2.6	989	991	-2	18.8	2.76	13
19/10/2024 18:32	0.2	5.6	17.9	0	1.3	989	992	-3	17.7	2.76	13
19/10/2024 19:02	0.2	5.6	17.8	0	0	989	992	-3	17	2.76	13
19/10/2024 19:32	0.1	5.6	17.8	0	1.6	989	992	-3	15.8	2.76	13

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
19/10/2024 20:02	0	5.6	17.8	0	0.7	989	992	-3	14.6	2.75	13
19/10/2024 20:32	0	5.6	17.8	0	1.3	989	992	-3	13.4	2.75	13
19/10/2024 21:02	0.1	5.6	17.7	0	0.7	990	992	-2	12.6	2.75	14
19/10/2024 21:32	0	5.6	17.7	0	2.6	990	992	-2	11.9	2.74	14
19/10/2024 22:02	0	5.6	17.7	0	0	990	992	-2	11.6	2.74	14
19/10/2024 22:32	0	5.6	17.7	0	0.7	990	992	-2	11.3	2.74	14
19/10/2024 23:02	0	5.6	17.7	0	0	990	992	-2	11.2	2.72	14
19/10/2024 23:32	0	5.6	17.7	0	2.9	990	992	-2	11.1	2.72	14
20/10/2024 0:02	0	5.6	17.7	0	0.4	990	992	-2	10.9	2.71	14
20/10/2024 0:32	0	5.6	17.7	0	2.3	990	992	-2	10.8	2.71	14
20/10/2024 1:02	0	5.6	17.7	0	0	990	992	-2	10.7	2.71	14
20/10/2024 1:32	0	5.6	17.7	0	2.6	990	992	-2	10.6	2.71	14
20/10/2024 2:02	0	5.9	17.7	0	0	989	992	-3	10.6	2.71	13
20/10/2024 2:32	0.1	5.6	17.7	0	2.6	989	992	-3	10.5	2.71	13
20/10/2024 3:02	0	5.6	17.6	0	2	989	992	-3	10.4	2.71	13
20/10/2024 3:32	0	5.6	17.6	0	2	989	992	-3	10.4	2.71	13
20/10/2024 4:02	0	5.6	17.6	0	0.4	990	992	-2	10.3	2.71	14
20/10/2024 4:32	0	5.6	17.6	0	0	990	992	-2	10.3	2.71	14
20/10/2024 5:02	0	5.6	17.6	0.2	0.7	990	992	-2	10.1	2.71	14
20/10/2024 5:32	0	5.9	17.6	0	0	990	992	-2	9.8	2.71	14
20/10/2024 6:02	0	5.9	17.6	0	0	990	992	-2	9.4	2.71	14
20/10/2024 6:32	0.1	5.9	17.6	0	0	990	992	-2	9.1	2.7	14
20/10/2024 7:02	0	5.9	17.6	0	2.9	990	992	-2	8.9	2.7	14
20/10/2024 7:32	0	5.9	17.6	0	2.9	990	992	-2	9.1	2.7	13
20/10/2024 8:02	0	5.9	17.6	0.2	0	990	992	-2	9.5	2.7	13
20/10/2024 8:32	0	5.9	17.6	0.2	0	990	992	-2	10.1	2.7	13
20/10/2024 9:02	0.1	5.9	17.6	0	0.7	990	992	-2	10.7	2.7	13
20/10/2024 9:32	0	5.6	17.6	0.2	2.3	990	993	-3	11.7	2.7	14
20/10/2024 10:02	0	5.9	17.6	0	2.6	990	993	-3	12.9	2.71	13
20/10/2024 10:32	0	5.9	17.6	0.2	1.6	990	993	-3	14.6	2.71	13
20/10/2024 11:02	0	5.9	17.7	0.2	0.7	990	993	-3	16.1	2.71	13
20/10/2024 11:32	0.2	5.9	17.7	0.2	0.1	990	993	-3	17.3	2.71	13
20/10/2024 12:02	0.2	5.9	17.7	0	0.7	990	993	-3	18.2	2.71	13
20/10/2024 12:32	0.2	5.9	17.7	0.2	0.4	990	993	-3	18.9	2.72	13
20/10/2024 13:02	0.2	5.9	17.7	0.2	4.5	990	993	-3	19.6	2.72	13
20/10/2024 13:32	0.2	5.9	17.7	0.2	1.3	990	993	-3	20.2	2.72	13
20/10/2024 14:02	0.2	5.9	17.7	0	5.1	990	993	-3	20.8	2.74	13
20/10/2024 14:32	0.2	6.1	17.7	0	4.2	990	992	-2	21.3	2.74	13
20/10/2024 15:02	0.4	5.9	17.7	0	0.1	990	992	-2	21.8	2.74	13
20/10/2024 15:32	0.4	6.1	17.7	0	0.7	990	992	-2	22.3	2.74	13
20/10/2024 16:02	0.4	5.9	17.7	0	2	990	992	-2	22.3	2.74	13
20/10/2024 16:32	0.4	5.9	17.7	0	2.3	990	992	-2	22.3	2.74	13
20/10/2024 17:02	0.4	6.1	17.7	0	3.5	990	992	-2	22.4	2.75	13
20/10/2024 17:32	0.4	6.1	17.6	0	3.8	990	992	-2	22.4	2.75	13
20/10/2024 18:02	0.4	6.1	17.6	0	2.3	990	992	-2	22.1	2.75	13
20/10/2024 18:32	0.2	6.1	17.6	0	2.3	990	992	-2	21.3	2.75	13
20/10/2024 19:02	0.2	6.1	17.6	0	2.6	990	992	-2	20.1	2.75	13
20/10/2024 19:32	0.2	6.1	17.5	0	4.8	990	992	-2	18.3	2.75	14
20/10/2024 20:02	0.2	6.1	17.5	0	0	990	992	-2	16.4	2.75	14
20/10/2024 20:32	0	6.1	17.5	0	0.7	990	992	-2	14.8	2.75	13
20/10/2024 21:02	0	5.9	17.4	0	4.8	990	992	-2	13.4	2.74	13
20/10/2024 21:32	0	5.9	17.4	0	1.6	990	992	-2	12.4	2.74	13
20/10/2024 22:02	0	6.1	17.4	0	1.6	990	992	-2	11.6	2.74	14
20/10/2024 22:32	0	5.9	17.3	0	1.6	990	992	-2	10.9	2.72	13
20/10/2024 23:02	0	5.9	17.3	0	4.8	990	992	-2	10.4	2.72	14
20/10/2024 23:32	0	6.1	17.3	0	2.9	990	992	-2	10	2.71	14
21/10/2024 0:02	0	6.1	17.3	0	0.4	990	992	-2	10	2.71	14
21/10/2024 0:32	0	6.1	17.3	0	2.3	990	992	-2	9.9	2.71	14
21/10/2024 1:02	0	6.1	17.3	0	2	990	992	-2	9.8	2.71	14
21/10/2024 1:32	0	6.1	17.3	0	2.9	990	992	-2	9.9	2.71	14
21/10/2024 2:02	0	6.1	17.3	0	2.3	989	992	-3	10.1	2.71	13
21/10/2024 2:32	0	6.1	17.3	0	0.1	989	992	-3	10.1	2.71	13
21/10/2024 3:02	0	6.1	17.2	0	2.6	989	992	-3	9.9	2.7	13
21/10/2024 3:32	0.1	6.1	17.2	0	0	989	992	-3	9.7	2.7	13
21/10/2024 4:02	0	6.1	17.2	0	1.6	989	992	-3	9.4	2.7	13
21/10/2024 4:32	0	6.1	17.2	0	2.3	989	992	-3	9	2.7	13
21/10/2024 5:02	0	6.1	17.2	0	3.8	989	992	-3	8.7	2.7	14
21/10/2024 5:32	0	6.1	17.2	0	0	989	991	-2	8.4	2.7	13

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
21/10/2024 6:02	0	6.1	17.1	0	0.4	989	991	-2	8.2	2.69	13
21/10/2024 6:32	0	6.1	17.1	0	0	989	992	-3	8	2.69	13
21/10/2024 7:02	0	6.1	17.1	0	0	989	992	-3	8	2.69	13
21/10/2024 7:32	0	6.4	17.1	0	0	989	992	-3	8.6	2.69	13
21/10/2024 8:02	0	6.1	17.1	0	0.1	989	992	-3	9.9	2.69	13
21/10/2024 8:32	0	6.4	17.2	0	1.3	989	992	-3	11.8	2.7	13
21/10/2024 9:02	0	6.4	17.2	0	3.2	989	992	-3	14.2	2.7	14
21/10/2024 9:32	0	6.4	17.3	0.3	1.6	989	992	-3	16.6	2.7	14
21/10/2024 10:02	0.2	6.4	17.3	0	2.9	989	992	-3	19.3	2.7	13
21/10/2024 10:32	0.2	6.4	17.3	0.2	2.3	989	992	-3	21.6	2.71	13
21/10/2024 11:02	0.4	6.4	17.3	0	1.6	989	992	-3	23	2.71	13
21/10/2024 11:32	0.4	6.4	17.3	0	4.5	989	992	-3	23.8	2.71	13
21/10/2024 12:02	0.4	6.4	17.3	0	2.9	989	992	-3	24.3	2.71	13
21/10/2024 12:32	0.6	6.4	17.3	0	4.2	989	991	-2	24.7	2.72	13
21/10/2024 13:02	0.6	6.4	17.3	0	2.3	989	992	-3	25	2.72	13
21/10/2024 13:32	0.6	6.4	17.3	0	4.5	989	991	-2	25.4	2.74	13
21/10/2024 14:02	0.8	6.4	17.3	0	2.6	988	991	-3	26	2.74	12
21/10/2024 14:32	0.8	6.4	17.3	0	2.9	988	991	-3	26.6	2.74	12
21/10/2024 15:02	0.8	6.4	17.3	0	1.3	988	991	-3	27.1	2.74	13
21/10/2024 15:32	1	6.4	17.3	0	4.2	988	991	-3	27.5	2.74	13
21/10/2024 16:02	1	6.4	17.3	0	2.6	988	991	-3	27.6	2.75	13
21/10/2024 16:32	1	6.4	17.3	0	3.5	988	991	-3	28.1	2.75	13
21/10/2024 17:02	1.2	6.4	17.3	0	4.2	988	991	-3	28.6	2.75	13
21/10/2024 17:32	1.2	6.4	17.3	0	2.3	988	991	-3	29.1	2.75	13
21/10/2024 18:02	1.2	6.4	17.3	0	4.8	988	991	-3	29.3	2.75	13
21/10/2024 18:32	1.2	6.4	17.3	0	5.7	988	991	-3	28.9	2.76	13
21/10/2024 19:02	1	6.4	17.3	0	1.6	988	991	-3	27.2	2.76	13
21/10/2024 19:32	0.4	6.4	17.3	0	1	988	991	-3	24.2	2.76	14
21/10/2024 20:02	0.2	6.4	17.2	0	2.6	988	991	-3	21.2	2.76	14
21/10/2024 20:32	0.2	6.4	17.2	0	2.6	988	991	-3	18.3	2.75	14
21/10/2024 21:02	0.2	6.4	17.2	0	3.2	988	991	-3	16.1	2.75	14
21/10/2024 21:32	0	6.4	17.1	0	3.5	988	991	-3	14.7	2.75	14
21/10/2024 22:02	0.2	6.4	17.1	0	2.3	988	990	-2	13.6	2.74	14
21/10/2024 22:32	0	6.4	17.1	0	0.1	987	990	-3	12.9	2.74	13
21/10/2024 23:02	0	6.4	17.1	0	4.8	987	990	-3	12.7	2.74	13
21/10/2024 23:32	0	6.4	17.1	0	0.1	987	990	-3	12.6	2.74	13
22/10/2024 0:02	0	6.4	17.1	0	2.6	987	990	-3	12.4	2.74	13
22/10/2024 0:32	0	6.4	17.1	0.2	1	987	990	-3	12.1	2.72	13
22/10/2024 1:02	0	6.4	17.1	0	0.7	987	990	-3	12.1	2.72	13
22/10/2024 1:32	0	6.4	17.1	0.2	1.6	987	990	-3	12.3	2.72	13
22/10/2024 2:02	0	6.4	17.1	0	0	987	990	-3	12.4	2.71	13
22/10/2024 2:32	0	6.4	17.1	0	2.6	987	990	-3	12.3	2.71	13
22/10/2024 3:02	0	6.4	17.1	0	0	987	990	-3	12.1	2.71	14
22/10/2024 3:32	0	6.4	17	0	1.6	987	990	-3	12.1	2.71	14
22/10/2024 4:02	0	6.4	17	0.2	1	987	990	-3	12.4	2.71	14
22/10/2024 4:32	0	6.4	17	0	0.1	987	990	-3	12.8	2.71	14
22/10/2024 5:02	0.1	6.4	17	0	2.6	987	990	-3	13	2.71	14
22/10/2024 5:32	0	6.4	17	0.2	0	987	990	-3	12.9	2.7	14
22/10/2024 6:02	0	6.4	17	0	1.6	987	990	-3	12.9	2.7	14
22/10/2024 6:32	0	6.4	17	0.2	1	987	990	-3	12.7	2.7	14
22/10/2024 7:02	0.2	6.4	17	0	1	987	990	-3	12.8	2.7	14
22/10/2024 7:32	0	6.4	17	0.2	1.6	987	990	-3	13.6	2.7	14
22/10/2024 8:02	0	6.4	17.1	0.2	2.3	987	990	-3	14.8	2.7	14
22/10/2024 8:32	0.2	6.6	17.1	0	0.4	987	990	-3	16.1	2.7	14
22/10/2024 9:02	0.2	6.6	17.1	0.2	4.8	987	990	-3	16.9	2.7	14
22/10/2024 9:32	0.2	6.6	17.1	0	2	987	990	-3	17.6	2.7	14
22/10/2024 10:02	0.2	6.6	17.1	0.2	1.6	987	990	-3	18.8	2.7	14
22/10/2024 10:32	0.2	6.6	17.1	0.2	1	987	990	-3	20.6	2.7	14

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
GB3											
22/10/2024 11:10	0.4	3.5	18.1	0.2	2	987	990	-3	22.6	2.64	13
22/10/2024 11:39	0.4	3.8	18.2	0	0.1	987	990	-3	23.9	2.64	14
22/10/2024 12:09	0.6	3.8	18.2	0	1.6	987	990	-3	24.8	2.64	14
22/10/2024 12:39	0.6	3.8	18.2	0.2	0.7	987	990	-3	25.7	2.64	14
22/10/2024 13:09	0.8	3.8	18.2	0	4.5	986	990	-4	26.3	2.64	13
22/10/2024 13:39	0.8	3.8	18.2	0.2	5.4	986	989	-3	26.9	2.64	13
22/10/2024 14:09	1	3.8	18.2	0	1	986	989	-3	27.7	2.64	13
22/10/2024 14:39	1.2	3.8	18.2	0.2	3.8	986	989	-3	28.6	2.64	13
22/10/2024 15:09	1.6	3.8	18.2	0	5.1	986	989	-3	29.4	2.64	13
22/10/2024 15:39	1.8	3.8	18.2	0	3.2	986	989	-3	30.1	2.63	13
22/10/2024 16:09	1.8	3.8	18.2	0	2.6	986	989	-3	30.1	2.63	13
22/10/2024 16:39	1.6	3.8	18.2	0	3.8	986	989	-3	29.8	2.63	13
22/10/2024 17:09	1.4	3.8	18.2	0	0	986	989	-3	28.8	2.63	13
22/10/2024 17:39	1.2	3.5	18.2	0	2	986	989	-3	27.3	2.63	13
22/10/2024 18:09	0.8	3.5	18.2	0	0.1	986	989	-3	25.5	2.63	13
22/10/2024 18:39	0.4	3.5	18.1	0	0.4	986	989	-3	23.7	2.63	13
22/10/2024 19:09	0.4	3.5	18.1	0	2	986	989	-3	22	2.61	13
22/10/2024 19:39	0.4	3.5	18.1	0	3.2	986	990	-4	20.3	2.61	13
22/10/2024 20:09	0.2	3.5	18.1	0	3.8	987	990	-3	18.7	2.61	14
22/10/2024 20:39	0.2	3.5	18.1	0	0	987	990	-3	17.3	2.61	14
22/10/2024 21:09	0.2	3.5	18	0	0.4	987	990	-3	16.3	2.61	14
22/10/2024 21:39	0.2	3.5	18	0	1.3	987	990	-3	15.4	2.61	14
22/10/2024 22:09	0.2	3.5	18	0	1.3	987	990	-3	14.6	2.6	14
22/10/2024 22:39	0.2	3.5	18	0.2	0.7	987	990	-3	13.9	2.6	14
22/10/2024 23:09	0.1	3.5	18	0	1.6	987	990	-3	13.3	2.6	14
22/10/2024 23:39	0	3.5	18	0	0	987	990	-3	12.7	2.6	14
23/10/2024 0:09	0	3.5	18	0	2.3	987	990	-3	12.2	2.6	14
23/10/2024 0:39	0	3.5	18	0	2.6	987	990	-3	11.7	2.6	14
23/10/2024 1:09	0	3.5	18	0	0.4	986	990	-4	11.2	2.59	13
23/10/2024 1:39	0	3.5	17.9	0	1	986	989	-3	10.8	2.59	13
23/10/2024 2:09	0	3.5	17.9	0	0.1	986	989	-3	10.4	2.59	13
23/10/2024 2:39	0	3.5	17.9	0	1.6	986	989	-3	10.1	2.59	13
23/10/2024 3:09	0	3.5	17.9	0	0.7	986	989	-3	9.9	2.59	13
23/10/2024 3:39	0	3.5	17.9	0	0	986	989	-3	9.7	2.59	13
23/10/2024 4:09	0	3.5	17.9	0	1	986	989	-3	9.4	2.59	13
23/10/2024 4:39	0	3.5	17.9	0	1	986	989	-3	9.3	2.59	13
23/10/2024 5:09	0	3.5	17.9	0	1	986	989	-3	9.2	2.58	13
23/10/2024 5:39	0	3.5	17.9	0	1.3	986	989	-3	9.1	2.58	13
23/10/2024 6:09	0.1	3.5	17.9	0	0	986	989	-3	9	2.58	13
23/10/2024 6:39	0	3.5	17.9	0	0	986	989	-3	8.9	2.58	13
23/10/2024 7:09	0	3.5	17.9	0	2.6	986	989	-3	8.8	2.58	13
23/10/2024 7:39	0	3.5	17.9	0.2	2.9	986	989	-3	8.7	2.58	13
23/10/2024 8:09	0	3.5	17.9	0	1	986	989	-3	8.8	2.56	13
23/10/2024 8:39	0	3.5	17.9	0	1.3	986	989	-3	8.9	2.56	13
23/10/2024 9:09	0	3.5	17.9	0	0	986	989	-3	9.1	2.56	13
23/10/2024 9:39	0	3.5	17.9	0	0	986	989	-3	9.8	2.56	13
23/10/2024 10:09	0	3.5	17.9	0	0.1	986	989	-3	11	2.56	14
23/10/2024 10:39	0	3.5	18	0.2	0.1	986	989	-3	12.3	2.58	14
23/10/2024 11:09	0	3.5	18	0.2	0	986	989	-3	14.3	2.56	14
23/10/2024 11:39	0.2	3.5	18	0.2	2.3	986	989	-3	16.6	2.56	14
23/10/2024 12:09	0.2	3.8	18.1	0.2	3.2	986	989	-3	18.4	2.58	14
23/10/2024 12:39	0.2	3.5	18.1	0.3	3.2	985	989	-4	19.7	2.58	13
23/10/2024 13:09	0.4	3.5	18.1	0	0.1	985	989	-4	20.4	2.58	13
23/10/2024 13:39	0.4	3.5	18.1	0.2	2	985	989	-4	20.8	2.58	13
23/10/2024 14:09	0.4	3.5	18.1	0.2	0	985	989	-4	21.3	2.58	13
23/10/2024 14:39	0.4	3.5	18.2	0.3	0	985	989	-4	21.9	2.58	13
23/10/2024 15:09	0.4	3.5	18.2	0.2	2	985	989	-4	22.4	2.58	13
23/10/2024 15:39	0.6	3.5	18.2	0.2	4.8	985	989	-4	23	2.58	13
23/10/2024 16:09	0.4	3.5	18.2	0.2	4.2	985	989	-4	23.2	2.58	13
23/10/2024 16:39	0.4	3.5	18.2	0	5.4	985	989	-4	23.1	2.58	13
23/10/2024 17:09	0.4	3.5	18.2	0	2	985	989	-4	23.1	2.58	13
23/10/2024 17:39	0.4	3.5	18.2	0	0.7	985	989	-4	22.6	2.58	13
23/10/2024 18:09	0.4	3.5	18.2	0	2	986	989	-3	22	2.58	14
23/10/2024 18:39	0.4	3.5	18.2	0	0.4	986	989	-3	21.2	2.58	14
23/10/2024 19:09	0.2	3.5	18.1	0	0.1	986	989	-3	19.6	2.58	14
23/10/2024 19:39	0.2	3.5	18.1	0	0	986	989	-3	17.6	2.58	13
23/10/2024 20:09	0.2	3.5	18.1	0	0.1	986	989	-3	15.5	2.58	13

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
23/10/2024 20:39	0	3.5	18.1	0	0	986	990	-4	13.6	2.58	13
23/10/2024 21:09	0	3.5	18	0	2.9	986	990	-4	11.9	2.58	13
23/10/2024 21:39	0	3.5	18	0	0	987	990	-3	10.4	2.56	14
23/10/2024 22:09	0	3.5	18	0	0	987	990	-3	9.5	2.56	14
23/10/2024 22:39	0	3.5	18	0	1.6	987	990	-3	8.9	2.56	14
23/10/2024 23:09	0	3.5	17.9	0	0	987	990	-3	8.3	2.56	14
23/10/2024 23:39	0	3.5	17.9	0	0	987	990	-3	7.6	2.56	14
24/10/2024 0:09	0	3.5	17.9	0	0	987	990	-3	7.1	2.56	14
24/10/2024 0:39	0	3.5	17.9	0	1.3	987	990	-3	6.6	2.56	13
24/10/2024 1:09	0	3.5	17.9	0	2.6	987	990	-3	6.1	2.56	14
24/10/2024 1:39	0	3.5	17.9	0	0	987	990	-3	5.6	2.56	13
24/10/2024 2:09	0	3.5	17.9	0	0.1	987	990	-3	5.5	2.55	14
24/10/2024 2:39	0	3.5	17.9	0.2	1	987	990	-3	5.6	2.55	14
24/10/2024 3:09	0	3.5	17.9	0	0	986	990	-4	5.4	2.55	13
24/10/2024 3:39	0	3.5	17.9	0	3.2	986	990	-4	5	2.55	13
24/10/2024 4:09	0	3.5	17.9	0	0	987	990	-3	4.6	2.55	14
24/10/2024 4:39	0	3.5	17.9	0	1.3	987	990	-3	4.6	2.55	14
24/10/2024 5:09	0	3.5	17.9	0	0	987	990	-3	4.9	2.55	14
24/10/2024 5:39	0	3.5	17.9	0	0	987	990	-3	5.1	2.55	14
24/10/2024 6:09	0	3.5	17.9	0	0.1	987	990	-3	5.3	2.55	13
24/10/2024 6:39	0	3.5	17.9	0	0	987	990	-3	5.1	2.55	13
24/10/2024 7:09	0	3.5	17.9	0	0	987	990	-3	4.9	2.55	13
24/10/2024 7:39	0	3.5	17.9	0	0	987	990	-3	5.3	2.55	13
24/10/2024 8:09	0.1	3.5	17.9	0	2	987	990	-3	5.7	2.55	13
24/10/2024 8:39	0	3.5	17.9	0	2	987	990	-3	6.4	2.55	13
24/10/2024 9:09	0	3.5	17.9	0	0	987	990	-3	7.5	2.55	13
24/10/2024 9:39	0	3.5	17.9	0	0.1	988	990	-2	8.6	2.55	14
24/10/2024 10:09	0	3.5	18	0.2	0	988	990	-2	9.8	2.55	14
24/10/2024 10:39	0	3.5	18	0.2	2.6	988	990	-2	11.1	2.55	14
24/10/2024 11:09	0	3.5	18	0	2	988	991	-3	12.1	2.55	14
24/10/2024 11:39	0	3.5	18	0.2	0.4	988	990	-2	12.8	2.55	14
24/10/2024 12:09	0.2	3.5	18.1	0.2	0	988	990	-2	14.3	2.55	14
24/10/2024 12:39	0.2	3.5	18.1	0	0	987	990	-3	15.1	2.55	13
24/10/2024 13:09	0.2	3.5	18.1	0.2	2.3	987	990	-3	16.1	2.55	13
24/10/2024 13:39	0.2	3.5	18.1	0.2	1.3	987	990	-3	17.1	2.56	13
24/10/2024 14:09	0.2	3.5	18.1	0.2	0.1	987	990	-3	17.9	2.56	13
24/10/2024 14:39	0.2	3.8	18.2	0	2.9	987	990	-3	18.6	2.56	13
24/10/2024 15:09	0.2	3.5	18.2	0.2	1	987	990	-3	18.6	2.56	13
24/10/2024 15:39	0.2	3.5	18.2	0.2	0	987	990	-3	18.9	2.56	13
24/10/2024 16:09	0.2	3.5	18.2	0	1.3	987	990	-3	18.9	2.56	13
24/10/2024 16:39	0.2	3.5	18.2	0.2	1	987	990	-3	19	2.56	14
24/10/2024 17:09	0.2	3.5	18.2	0.2	3.5	987	990	-3	19.1	2.56	13
24/10/2024 17:39	0.2	3.5	18.2	0.2	1.3	987	990	-3	19	2.56	13
24/10/2024 18:09	0.2	3.5	18.2	0.2	1	987	990	-3	19.1	2.56	13
24/10/2024 18:39	0.2	3.5	18.2	0	1	987	990	-3	18.7	2.56	13
24/10/2024 19:09	0.2	3.5	18.2	0	1.6	988	990	-2	17.6	2.56	14
24/10/2024 19:39	0.2	3.5	18.2	0	0	988	991	-3	16.4	2.56	14
24/10/2024 20:09	0.2	3.5	18.1	0	2.9	988	991	-3	14.7	2.56	14
24/10/2024 20:39	0.2	3.5	18.1	0	0	988	991	-3	12.9	2.56	13
24/10/2024 21:09	0	3.5	18.1	0	2.3	988	991	-3	11.4	2.56	13
24/10/2024 21:39	0	3.5	18	0	3.5	988	991	-3	9.9	2.55	13
24/10/2024 22:09	0	3.5	18	0	0.4	988	991	-3	8.8	2.55	13
24/10/2024 22:39	0	3.5	18	0	1.6	988	991	-3	8.3	2.55	13
24/10/2024 23:09	0	3.5	18	0	0	988	991	-3	8	2.55	13
24/10/2024 23:39	0	3.5	18	0	2	988	991	-3	7.9	2.55	13
25/10/2024 0:09	0	3.5	18	0	0	988	991	-3	7.8	2.55	13
25/10/2024 0:39	0	3.5	18	0	0.4	988	991	-3	7.6	2.55	13
25/10/2024 1:09	0	3.5	18	0	0.7	988	991	-3	7.5	2.54	13
25/10/2024 1:39	0	3.5	18	0	0.4	988	991	-3	7.4	2.55	13
25/10/2024 2:09	0	3.5	18	0	1.3	988	991	-3	7.2	2.54	13
25/10/2024 2:39	0	3.5	18	0	1.3	988	991	-3	6.9	2.54	13
25/10/2024 3:09	0	3.5	18	0	0	988	991	-3	6.9	2.54	13
25/10/2024 3:39	0	3.5	18	0	0	988	991	-3	6.8	2.54	13
25/10/2024 4:09	0	3.5	18	0	0	988	991	-3	6.4	2.54	13
25/10/2024 4:39	0	3.5	18	0	2.3	988	991	-3	6.2	2.54	13
25/10/2024 5:09	0	3.5	18	0	2.6	988	991	-3	6.1	2.54	13
25/10/2024 5:39	0	3.5	18	0	0	988	991	-3	5.9	2.54	13
25/10/2024 6:09	0	3.5	18	0	1	988	991	-3	5.8	2.54	13

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
25/10/2024 6:39	0	3.5	18	0	1	988	991	-3	5.7	2.54	13
25/10/2024 7:09	0	3.5	18	0	0	989	991	-2	5.6	2.54	14
25/10/2024 7:39	0	3.5	18	0	1	989	991	-2	5.8	2.54	13
25/10/2024 8:09	0	3.5	18	0	2.3	989	991	-2	6	2.54	13
25/10/2024 8:39	0	3.5	18	0	0	989	992	-3	6.4	2.54	13
25/10/2024 9:09	0	3.5	18	0	0.1	989	992	-3	7.4	2.54	13
25/10/2024 9:39	0	3.5	18	0.2	0	989	992	-3	8.2	2.54	13
25/10/2024 10:09	0	3.5	18	0.2	1.6	989	992	-3	9.2	2.54	13
25/10/2024 10:39	0	3.5	18.1	0.2	1	989	992	-3	10.4	2.54	13
25/10/2024 11:09	0	3.5	18.1	0	0	989	992	-3	11.4	2.54	13
25/10/2024 11:39	0	3.5	18.1	0	1	989	992	-3	12.2	2.54	13
25/10/2024 12:09	0	3.5	18.1	0.2	1	989	992	-3	13.7	2.54	13
25/10/2024 12:39	0.2	3.5	18.2	0	1.6	989	992	-3	14.7	2.54	13
25/10/2024 13:09	0.2	3.5	18.2	0.2	0	989	992	-3	15.6	2.54	13
25/10/2024 13:39	0.2	3.5	18.2	0	0	989	992	-3	15.8	2.54	13
25/10/2024 14:09	0.2	3.5	18.2	0	0	989	992	-3	16.3	2.55	14
25/10/2024 14:39	0.2	3.5	18.2	0.2	0.1	989	992	-3	17.1	2.55	13
25/10/2024 15:09	0.2	3.5	18.2	0.2	0	989	992	-3	17.6	2.55	14
25/10/2024 15:39	0.2	3.5	18.2	0	0	989	992	-3	18.4	2.55	13
25/10/2024 16:09	0.2	3.5	18.3	0	0	989	992	-3	18.9	2.55	14
25/10/2024 16:39	0.2	3.5	18.2	0	2.9	989	992	-3	18.7	2.55	14
25/10/2024 17:09	0.2	3.5	18.3	0	1.3	989	992	-3	18.6	2.55	14
25/10/2024 17:39	0.2	3.5	18.3	0	2.9	989	992	-3	18.5	2.55	14
25/10/2024 18:09	0.2	3.5	18.2	0	3.2	989	992	-3	17.6	2.55	14
25/10/2024 18:39	0.2	3.5	18.2	0	2	989	992	-3	17.3	2.55	13
25/10/2024 19:09	0.2	3.5	18.2	0	0	989	992	-3	17.1	2.55	14
25/10/2024 19:39	0.2	3.5	18.2	0	0.4	989	992	-3	16.3	2.55	13
25/10/2024 20:09	0	3.3	18.2	0	0	989	992	-3	14.5	2.55	13
25/10/2024 20:39	0	3.3	18.2	0	0	989	992	-3	12.3	2.55	13
25/10/2024 21:09	0	3.3	18.1	0	0.4	989	992	-3	10.4	2.54	13
25/10/2024 21:39	0	3.3	18.1	0	0	989	992	-3	9	2.54	13
25/10/2024 22:09	0	3.3	18.1	0	1.6	989	992	-3	7.9	2.54	13
25/10/2024 22:39	0	3.3	18	0	0	989	992	-3	7.1	2.54	13
25/10/2024 23:09	0	3.3	18	0	2	989	992	-3	6.3	2.54	13
25/10/2024 23:39	0	3.5	18	0	0.7	989	992	-3	5.5	2.54	13
26/10/2024 0:09	0	3.3	18	0	0	989	992	-3	4.9	2.54	13
26/10/2024 0:39	0	3.3	18	0	0	989	992	-3	4.4	2.54	13
26/10/2024 1:09	0	3.3	18	0	2	989	992	-3	4.1	2.54	13
26/10/2024 1:39	0	3.3	18	0	0	989	992	-3	3.8	2.53	13
26/10/2024 2:09	0	3.3	17.9	0	0	989	992	-3	3.3	2.53	13
26/10/2024 2:39	0	3.3	17.9	0	0	989	992	-3	2.9	2.53	13
26/10/2024 3:09	0	3.3	17.9	0	0.1	989	992	-3	2.2	2.53	13
26/10/2024 3:39	0	3.3	17.9	0	0	989	992	-3	1.4	2.53	13
26/10/2024 4:09	0	3.5	17.8	0	1	989	991	-2	0.7	2.53	0
26/10/2024 4:39	0.1	3.3	17.7	0	0	989	992	-3	0.1	2.53	0
26/10/2024 5:09	0	3.3	17.6	0	0	989	991	-2	-0.3	2.53	0
26/10/2024 5:39	0	3.3	17.5	0	2.3	989	991	-2	-0.6	2.53	0
26/10/2024 6:09	0	3.3	17.3	0	0.1	989	991	-2	0.6	2.53	0
26/10/2024 6:39	0	3.3	17.3	0	0	989	992	-3	0.7	2.53	0
26/10/2024 7:09	0	3.3	17.5	0	2	989	992	-3	-0.3	2.51	0
26/10/2024 7:39	0	3.3	17.8	0	0.1	989	991	-2	1.1	2.51	13
26/10/2024 8:09	0	3.3	17.9	0	0	989	992	-3	2.6	2.51	14
26/10/2024 8:39	0	3.3	17.9	0	0.4	989	992	-3	4.1	2.51	14
26/10/2024 9:09	0.1	3.3	18	0	0.7	989	992	-3	5.9	2.51	14
26/10/2024 9:39	0	3.3	18	0	0.1	989	992	-3	7.8	2.51	14
26/10/2024 10:09	0	3.3	18.1	0.2	0	989	992	-3	9.9	2.53	14
26/10/2024 10:39	0	3.3	18.1	0.2	0	989	991	-2	12.4	2.53	14
26/10/2024 11:09	0.2	3.3	18.2	0.2	0.4	989	991	-2	14.9	2.53	14
26/10/2024 11:39	0.2	3.3	18.2	0.2	1.6	989	991	-2	16.9	2.54	14
26/10/2024 12:09	0.2	3.3	18.3	0.2	0.7	989	991	-2	18.5	2.54	14
26/10/2024 12:39	0.2	3.3	18.3	0.2	2.3	989	991	-2	19.5	2.54	14
26/10/2024 13:09	0.2	3.3	18.3	0	2	988	991	-3	20.2	2.54	13
26/10/2024 13:39	0.2	3.3	18.3	0	0	988	991	-3	20.9	2.54	13
26/10/2024 14:09	0.4	3.3	18.3	0	0.4	988	991	-3	21.6	2.54	13
26/10/2024 14:39	0.4	3.3	18.3	0.2	0	988	991	-3	22.4	2.54	14
26/10/2024 15:09	0.4	3.3	18.3	0	2.9	988	991	-3	23.4	2.54	14
26/10/2024 15:39	0.4	3.5	18.4	0.2	0	988	991	-3	24.1	2.54	14
26/10/2024 16:09	0.6	3.3	18.4	0.2	0	988	991	-3	24.3	2.54	14

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
26/10/2024 16:39	0.6	3.3	18.4	0	3.8	988	991	-3	24.4	2.54	14
26/10/2024 17:09	0.6	3.3	18.4	0	1.3	988	991	-3	24.5	2.54	14
26/10/2024 17:39	0.6	3.3	18.4	0	4.2	988	991	-3	23.9	2.54	14
26/10/2024 18:09	0.6	3.3	18.3	0	1.6	988	991	-3	22.7	2.54	14
26/10/2024 18:39	0.4	3.3	18.3	0	0	988	991	-3	21.4	2.54	14
26/10/2024 19:09	0.2	3.3	18.3	0	0	988	990	-2	20	2.54	14
26/10/2024 19:39	0.2	3.3	18.3	0	1	987	990	-3	18.5	2.54	13
26/10/2024 20:09	0.2	3.3	18.3	0	0	987	990	-3	16.9	2.54	13
26/10/2024 20:39	0.2	3	18.2	0	2	988	990	-2	15.3	2.54	14
26/10/2024 21:09	0.2	3.3	18.2	0	0	988	990	-2	14	2.54	14
26/10/2024 21:39	0	3.3	18.2	0	2.3	987	990	-3	13.2	2.54	13
26/10/2024 22:09	0.2	3.3	18.2	0	0	987	990	-3	12.9	2.54	13
26/10/2024 22:39	0	3	18.2	0.2	2.9	988	991	-3	12.9	2.53	14
26/10/2024 23:09	0	3	18.2	0	0	988	991	-3	12.9	2.53	14
26/10/2024 23:39	0	3	18.2	0	0	987	990	-3	12.7	2.53	13
27/10/2024 0:09	0.2	3	18.2	0	2.9	987	990	-3	12.6	2.53	13
27/10/2024 0:39	0	3	18.2	0	0	987	990	-3	12.4	2.53	13
27/10/2024 1:09	0	3	18.2	0	1	987	990	-3	12.4	2.53	13
27/10/2024 1:39	0	3	18.2	0	1.6	987	990	-3	12.4	2.53	13
27/10/2024 2:09	0	3	18.2	0	0	987	990	-3	12.2	2.53	13
27/10/2024 2:39	0	3	18.1	0	0	987	990	-3	11.8	2.51	13
27/10/2024 3:09	0	3	18.1	0	0.7	987	990	-3	11.7	2.51	13
27/10/2024 3:39	0	3	18.1	0	0	987	990	-3	11.7	2.51	13
27/10/2024 4:09	0	3	18.1	0	0	987	990	-3	11.6	2.51	14
27/10/2024 4:39	0.1	3	18.1	0.2	0	987	990	-3	11.4	2.51	14
27/10/2024 5:09	0	3.3	18.1	0.2	0.4	987	990	-3	11.6	2.51	13
27/10/2024 5:39	0	3	18.1	0	0	987	990	-3	11.9	2.51	14
27/10/2024 6:09	0	3	18.2	0	0	987	990	-3	12.1	2.51	13
27/10/2024 6:39	0	3	18.2	0	0	987	990	-3	12.1	2.51	13
27/10/2024 7:09	0	3	18.1	0	0.4	987	990	-3	12	2.51	13
27/10/2024 7:39	0	3	18.2	0	0	987	990	-3	12.3	2.51	13
27/10/2024 8:09	0	3	18.2	0.2	0	988	990	-2	12.6	2.51	14
27/10/2024 8:39	0	3	18.2	0	2.6	988	990	-2	13	2.51	14
27/10/2024 9:09	0	3	18.2	0.2	1.3	988	991	-3	13.7	2.51	14
27/10/2024 9:39	0.2	3.3	18.2	0	0.7	988	991	-3	14.6	2.51	14
27/10/2024 10:09	0	3.3	18.2	0	0	988	991	-3	15.9	2.51	14
27/10/2024 10:39	0.2	3.3	18.2	0.2	1.3	988	991	-3	17.2	2.51	14
27/10/2024 11:09	0.2	3.3	18.3	0.2	0.7	988	991	-3	18.8	2.51	14
27/10/2024 11:39	0.4	3.3	18.3	0.2	0	988	991	-3	21	2.51	14
27/10/2024 12:09	0.4	3.3	18.3	0.2	2	988	991	-3	22.4	2.51	14
27/10/2024 12:39	0.6	3.3	18.3	0.2	1	988	991	-3	23.4	2.51	14
27/10/2024 13:09	0.6	3.3	18.4	0	1.3	988	991	-3	23.9	2.51	14
27/10/2024 13:39	0.6	3.3	18.4	0.2	1.6	988	991	-3	24.6	2.51	14
27/10/2024 14:09	0.8	3.3	18.4	0	2	987	990	-3	25.4	2.51	13
27/10/2024 14:39	0.8	3.3	18.4	0	0.4	987	990	-3	25.6	2.51	14
27/10/2024 15:09	0.8	3.3	18.4	0	2.9	987	990	-3	26.5	2.51	13
27/10/2024 15:39	1	3.3	18.4	0.2	4.8	987	990	-3	27.6	2.51	14
27/10/2024 16:09	1	3.3	18.4	0	4.2	987	990	-3	27.4	2.51	14
27/10/2024 16:39	1	3.3	18.4	0	1	987	990	-3	27	2.51	14
27/10/2024 17:09	1	3.3	18.4	0	2.9	987	990	-3	26.3	2.51	14
27/10/2024 17:39	0.8	3.3	18.4	0	1	987	990	-3	25.8	2.51	14
27/10/2024 18:09	0.8	3.3	18.4	0.2	2.6	987	990	-3	25.6	2.51	13
27/10/2024 18:39	0.8	3.3	18.4	0	0	988	991	-3	24.3	2.51	14
27/10/2024 19:09	0.6	3	18.4	0	1.6	988	991	-3	22.6	2.51	14
27/10/2024 19:39	0.4	3	18.3	0	0.1	988	991	-3	20.7	2.51	14
27/10/2024 20:09	0.4	3	18.3	0	2	988	991	-3	18.8	2.51	13
27/10/2024 20:39	0.2	3	18.3	0	0.1	988	991	-3	17.3	2.51	13
27/10/2024 21:09	0.2	3	18.2	0	1	988	991	-3	15.8	2.51	13
27/10/2024 21:39	0	3	18.2	0	1.6	989	991	-2	14.6	2.51	14
27/10/2024 22:09	0.2	3	18.2	0	0.4	989	991	-2	13.6	2.51	14
27/10/2024 22:39	0	3	18.2	0	0	989	991	-2	12.7	2.5	14
27/10/2024 23:09	0	3	18.2	0	0	989	991	-2	11.9	2.5	14
27/10/2024 23:39	0	3	18.2	0	0	989	991	-2	11.2	2.5	14
28/10/2024 0:09	0	3	18.2	0	0.7	989	991	-2	10.6	2.5	14
28/10/2024 0:39	0	3	18.1	0	0.1	989	991	-2	10.1	2.5	14
28/10/2024 1:09	0	3	18.1	0	0	989	991	-2	9.8	2.49	14
28/10/2024 1:39	0	3	18.1	0	1	989	991	-2	9.6	2.5	14
28/10/2024 2:09	0	3	18.1	0	0	989	991	-2	9.4	2.5	14

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
28/10/2024 2:39	0	3	18.1	0	0	989	991	-2	9.4	2.49	14
28/10/2024 3:09	0	3	18.1	0	1.6	989	991	-2	9.3	2.49	14
28/10/2024 3:39	0	3	18.1	0	0	989	991	-2	9.3	2.49	14
28/10/2024 4:09	0	3	18.1	0	0	989	991	-2	9.1	2.49	14
28/10/2024 4:39	0	3	18.1	0	0.7	989	991	-2	9	2.49	14
28/10/2024 5:09	0	3	18.1	0	0	989	991	-2	9	2.49	14
28/10/2024 5:39	0	3	18.1	0	3.5	989	991	-2	8.8	2.49	14
28/10/2024 6:09	0	3	18.1	0	0	989	992	-3	8.3	2.49	13
28/10/2024 6:39	0	3	18.1	0	4.2	989	992	-3	8.1	2.48	13
28/10/2024 7:09	0	3	18.1	0	0	989	992	-3	8.2	2.48	13
28/10/2024 7:39	0	3	18.1	0	0	989	992	-3	8.4	2.48	13
28/10/2024 8:09	0	3	18.1	0	0	990	992	-2	8.9	2.48	14
28/10/2024 8:39	0	3	18.1	0	2	990	992	-2	9.4	2.48	14
28/10/2024 9:09	0	3	18.1	0.2	0	990	992	-2	10.2	2.48	14
28/10/2024 9:39	0	3	18.2	0	0	990	992	-2	11.3	2.48	14
28/10/2024 10:09	0	3	18.2	0	0	990	992	-2	12.1	2.48	14
28/10/2024 10:39	0.2	3	18.2	0.2	1.3	990	992	-2	13.3	2.48	14
28/10/2024 11:09	0.2	3	18.2	0	0.4	990	993	-3	14.8	2.48	14
28/10/2024 11:39	0.2	3	18.3	0	3.8	990	993	-3	16.3	2.48	14
28/10/2024 12:09	0.2	3	18.3	0.2	0.4	990	993	-3	17.4	2.48	14
28/10/2024 12:39	0.2	3	18.3	0.2	1	990	993	-3	18.4	2.49	14
28/10/2024 13:09	0.2	3	18.3	0.2	3.5	990	993	-3	19	2.49	14
28/10/2024 13:39	0.2	3	18.3	0.2	0.4	990	993	-3	19.6	2.49	14
28/10/2024 14:09	0.4	3	18.4	0.2	0	990	993	-3	20.4	2.49	14
28/10/2024 14:39	0.4	3	18.4	0	0.1	990	993	-3	20.9	2.49	14
28/10/2024 15:09	0.4	3	18.4	0	0	990	992	-2	21.5	2.49	14
28/10/2024 15:39	0.4	3	18.4	0	1.3	990	992	-2	21.9	2.49	14
28/10/2024 16:09	0.4	3	18.4	0.2	2.3	990	993	-3	22.2	2.49	14
28/10/2024 16:39	0.4	3	18.4	0	0	990	993	-3	22.3	2.49	14
28/10/2024 17:09	0.4	3	18.4	0	2	990	993	-3	22.3	2.49	14
28/10/2024 17:39	0.4	3	18.4	0	1.6	990	993	-3	22.1	2.49	13
28/10/2024 18:09	0.4	3	18.4	0.2	0	990	993	-3	21.8	2.49	14
28/10/2024 18:39	0.4	3	18.4	0	0	990	993	-3	21.1	2.49	13
28/10/2024 19:09	0.2	3	18.4	0	1	990	993	-3	20.3	2.49	13
28/10/2024 19:39	0.2	3	18.4	0	0	990	993	-3	19.1	2.49	13
28/10/2024 20:09	0.2	3	18.3	0	1	991	993	-2	17.1	2.49	14
28/10/2024 20:39	0.2	3	18.3	0	0	991	993	-2	15.2	2.49	14
28/10/2024 21:09	0	3	18.3	0	0	991	993	-2	13.5	2.49	14
28/10/2024 21:39	0	3	18.2	0	2.3	991	993	-2	12.1	2.49	14
28/10/2024 22:09	0	3	18.2	0	1.6	991	993	-2	10.9	2.48	14
28/10/2024 22:39	0	3	18.2	0	0	991	993	-2	9.8	2.48	13
28/10/2024 23:09	0	3	18.2	0	2.3	991	993	-2	8.9	2.48	13
28/10/2024 23:39	0	3	18.2	0	1.3	991	993	-2	8.1	2.48	13
29/10/2024 0:09	0	3	18.1	0	0	991	993	-2	7.6	2.48	13
29/10/2024 0:39	0	2.8	18.1	0	0	991	993	-2	6.8	2.46	14
29/10/2024 1:09	0	3	18.1	0	0	991	993	-2	6.2	2.46	14
29/10/2024 1:39	0	3	18.1	0	2	991	993	-2	5.8	2.46	14
29/10/2024 2:09	0	3	18.1	0	0	991	993	-2	5.8	2.46	14
29/10/2024 2:39	0	3	18.1	0	0.4	991	993	-2	5.6	2.46	14
29/10/2024 3:09	0	2.8	18.1	0	1.3	991	993	-2	5.8	2.46	14
29/10/2024 3:39	0	2.7	18.1	0	0	991	993	-2	6.3	2.46	14
29/10/2024 4:09	0	3	18.1	0	0.1	991	993	-2	6.7	2.46	14
29/10/2024 4:39	0	3	18.1	0	0.4	991	993	-2	7.1	2.46	14
29/10/2024 5:09	0	3	18.1	0	0	990	993	-3	7.4	2.46	13
29/10/2024 5:39	0	2.8	18.1	0	0.4	991	993	-2	7.6	2.45	14
29/10/2024 6:09	0	3	18.1	0	0.7	991	993	-2	7.8	2.45	14
29/10/2024 6:39	0	3	18.1	0	0.4	991	993	-2	7.9	2.45	14
29/10/2024 7:09	0	2.8	18.1	0	0	991	993	-2	8	2.45	14
29/10/2024 7:39	0	3	18.1	0	1	991	993	-2	8.2	2.45	14
29/10/2024 8:09	0	3	18.1	0	2	991	993	-2	8.4	2.45	13
29/10/2024 8:39	0	3	18.2	0	0	991	993	-2	8.9	2.45	13
29/10/2024 9:09	0	2.8	18.2	0	2.3	991	993	-2	9.6	2.45	13
29/10/2024 9:39	0	3	18.2	0	2.3	991	993	-2	10.4	2.45	14
29/10/2024 10:09	0	3	18.2	0	0	991	993	-2	11.5	2.45	13

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
GB5											
29/10/2024 11:48	0.4	0.9	18.7	0.2	2.9	991	993	-2	22.8	2.46	14
29/10/2024 12:17	0.4	0.9	18.7	0.2	1.6	991	993	-2	22.3	2.46	14
29/10/2024 12:47	0.4	0.9	18.7	0.2	0	991	993	-2	21.9	2.48	14
29/10/2024 13:17	0.4	0.7	18.7	0.2	2.3	991	993	-2	21.6	2.48	14
29/10/2024 13:47	0.4	0.7	18.7	0	0.4	991	993	-2	21.3	2.46	14
29/10/2024 14:17	0.4	0.7	18.7	0	0	991	993	-2	21.6	2.46	14
29/10/2024 14:47	0.6	0.7	18.7	0.2	1.3	990	993	-3	21.9	2.46	14
29/10/2024 15:17	0.6	0.7	18.7	0.2	2.3	990	993	-3	22.4	2.46	13
29/10/2024 15:47	0.4	0.7	18.7	0.2	3.2	990	993	-3	22.9	2.48	14
29/10/2024 16:17	0.6	0.7	18.7	0.2	2.3	990	993	-3	23.3	2.48	14
29/10/2024 16:47	0.6	0.7	18.7	0.2	2	990	993	-3	23.4	2.48	14
29/10/2024 17:17	0.8	0.7	18.7	0.2	4.5	990	993	-3	23.5	2.46	14
29/10/2024 17:47	0.6	0.7	18.7	0.2	0	990	993	-3	23.2	2.48	14
29/10/2024 18:17	0.6	0.7	18.7	0.3	2.6	990	993	-3	22.9	2.48	14
29/10/2024 18:47	0.6	0.7	18.7	0.2	1.3	990	993	-3	22.3	2.48	14
29/10/2024 19:17	0.6	0.7	18.7	0.2	0	990	993	-3	21.4	2.48	14
29/10/2024 19:47	0.4	0.7	18.7	0	1.3	990	993	-3	20.1	2.48	14
29/10/2024 20:17	0.4	0.7	18.6	0	2.3	990	993	-3	18.3	2.46	14
29/10/2024 20:47	0.2	0.7	18.6	0	0.4	990	993	-3	16.6	2.46	14
29/10/2024 21:17	0.2	0.7	18.6	0	0.4	990	993	-3	15	2.46	14
29/10/2024 21:47	0.2	0.4	18.5	0	0.4	990	993	-3	13.7	2.46	14
29/10/2024 22:17	0.2	0.4	18.5	0	1.6	990	993	-3	12.6	2.46	14
29/10/2024 22:47	0.2	0.4	18.5	0	1.3	990	993	-3	11.7	2.45	14
29/10/2024 23:17	0.2	0.4	18.5	0	0.7	990	992	-2	10.9	2.45	14
29/10/2024 23:47	0.2	0.4	18.4	0	3.5	990	992	-2	10.4	2.45	14
30/10/2024 0:17	0	0.4	18.4	0	0	990	992	-2	9.8	2.45	14
30/10/2024 0:47	0	0.4	18.4	0	0	990	992	-2	9.3	2.45	14
30/10/2024 1:17	0	0.4	18.4	0	1.3	990	992	-2	8.9	2.45	14
30/10/2024 1:47	0.2	0.4	18.4	0	0	989	992	-3	8.9	2.45	14
30/10/2024 2:17	0	0.4	18.4	0	2.3	989	992	-3	9	2.44	14
30/10/2024 2:47	0	0.4	18.4	0	0	989	992	-3	9	2.45	14
30/10/2024 3:17	0	0.4	18.4	0	0	989	992	-3	9.1	2.44	14
30/10/2024 3:47	0.2	0.4	18.4	0	1.6	989	991	-2	9	2.44	14
30/10/2024 4:17	0.2	0.4	18.4	0	0	989	991	-2	8.9	2.44	15
30/10/2024 4:47	0	0.4	18.5	0	0	989	991	-2	8.9	2.44	15
30/10/2024 5:17	0.2	0.4	18.5	0	0	989	991	-2	8.8	2.44	15
30/10/2024 5:47	0.2	0.4	18.5	0	1	989	991	-2	8.6	2.44	15
30/10/2024 6:17	0.2	0.4	18.5	0	0.4	989	991	-2	8.5	2.44	15
30/10/2024 6:47	0	0.4	18.5	0	0	989	991	-2	8.3	2.44	15
30/10/2024 7:17	0	0.4	18.5	0	0	988	991	-3	8.3	2.44	14
30/10/2024 7:47	0	0.4	18.5	0	0	989	991	-2	8.3	2.44	15
30/10/2024 8:17	0.2	0.4	18.5	0	1	989	991	-2	8.7	2.44	15
30/10/2024 8:47	0.2	0.4	18.5	0	0	989	991	-2	9.3	2.44	15
30/10/2024 9:17	0.2	0.4	18.5	0	1	989	991	-2	9.9	2.44	15
30/10/2024 9:47	0	0.4	18.5	0	0	989	991	-2	10.7	2.44	15
30/10/2024 10:17	0.2	0.4	18.5	0	0	988	991	-3	11.4	2.44	14
30/10/2024 10:47	0.2	0.4	18.5	0	1.6	988	991	-3	13.1	2.44	15
30/10/2024 11:17	0.2	0.4	18.5	0.2	2	988	991	-3	15.1	2.44	15
30/10/2024 11:47	0.2	0.4	18.5	0.2	0.7	988	991	-3	16.9	2.44	15
30/10/2024 12:17	0.4	0.4	18.5	0.2	2.6	988	991	-3	18.6	2.44	15
30/10/2024 12:47	0.4	0.4	18.6	0.2	1	988	991	-3	19.9	2.45	15
30/10/2024 13:17	0.4	0.4	18.6	0.2	0.7	988	991	-3	20.8	2.45	15
30/10/2024 13:47	0.6	0.4	18.6	0.2	1.3	988	991	-3	21.5	2.45	15
30/10/2024 14:17	0.6	0.4	18.6	0.3	2.3	988	991	-3	22.3	2.45	15
30/10/2024 14:47	0.6	0.4	18.6	0.2	0	988	990	-2	23.2	2.45	15
30/10/2024 15:17	0.8	0.7	18.6	0.3	4.2	987	990	-3	24.1	2.45	14
30/10/2024 15:47	1	0.7	18.6	0.3	0.7	987	990	-3	24.8	2.45	14
30/10/2024 16:17	1	0.7	18.6	0.3	0	987	990	-3	25.6	2.45	14
30/10/2024 16:47	1	0.4	18.7	0.3	1.6	987	990	-3	26	2.46	14
30/10/2024 17:17	1.2	0.7	18.7	0.3	0.1	987	990	-3	26	2.46	14
30/10/2024 17:47	1	0.7	18.7	0.2	0	987	990	-3	25.8	2.46	14
30/10/2024 18:17	1	0.7	18.7	0.2	3.8	987	990	-3	25.3	2.46	15
30/10/2024 18:47	0.8	0.4	18.7	0.2	3.5	987	990	-3	24.8	2.46	14
30/10/2024 19:17	0.6	0.4	18.8	0	0.4	987	990	-3	23.8	2.46	15
30/10/2024 19:47	0.6	0.4	18.8	0	1	987	990	-3	22.1	2.46	14
30/10/2024 20:17	0.4	0.4	18.7	0	1.6	987	990	-3	20.1	2.46	14
30/10/2024 20:47	0.4	0.4	18.7	0	0.7	987	990	-3	18.2	2.46	14

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
30/10/2024 21:17	0.2	0.4	18.7	0	3.5	987	990	-3	16.4	2.45	14
30/10/2024 21:47	0.2	0.4	18.7	0	0	987	990	-3	14.9	2.45	14
30/10/2024 22:17	0.2	0.4	18.6	0	1.3	987	990	-3	13.6	2.45	14
30/10/2024 22:47	0.2	0.4	18.6	0	0.1	987	990	-3	12.6	2.45	14
30/10/2024 23:17	0.2	0.4	18.6	0	0.1	987	990	-3	12.2	2.44	14
30/10/2024 23:47	0.2	0.4	18.6	0	0	987	990	-3	11.9	2.44	14
31/10/2024 0:17	0.2	0.4	18.6	0	0	987	990	-3	11.8	2.44	15
31/10/2024 0:47	0.2	0.4	18.6	0	0	987	990	-3	11.4	2.44	15
31/10/2024 1:17	0.2	0.4	18.6	0	2	986	990	-4	11.1	2.44	14
31/10/2024 1:47	0	0.4	18.6	0	0	986	990	-4	10.9	2.44	14
31/10/2024 2:17	0.2	0.4	18.5	0	0	986	989	-3	10.6	2.44	14
31/10/2024 2:47	0.2	0.4	18.5	0	0	986	990	-4	10.4	2.44	14
31/10/2024 3:17	0	0.4	18.5	0	0	986	989	-3	10.1	2.43	14
31/10/2024 3:47	0	0.4	18.5	0	0	986	989	-3	9.9	2.43	14
31/10/2024 4:17	0.2	0.4	18.5	0	0	986	989	-3	9.8	2.43	14
31/10/2024 4:47	0	0.4	18.5	0	0.4	986	989	-3	9.7	2.43	14
31/10/2024 5:17	0	0.4	18.5	0	1.6	986	989	-3	9.4	2.43	14
31/10/2024 5:47	0.2	0.4	18.5	0	0	986	989	-3	9.3	2.43	14
31/10/2024 6:17	0	0.4	18.5	0	0	986	989	-3	9.2	2.43	14
31/10/2024 6:47	0	0.4	18.5	0	0	986	989	-3	9.1	2.43	14
31/10/2024 7:17	0	0.4	18.5	0	1	986	990	-4	9	2.43	14
31/10/2024 7:47	0.2	0.4	18.5	0	0	986	990	-4	9	2.43	14
31/10/2024 8:17	0.2	0.4	18.5	0	0	987	990	-3	9.3	2.43	15
31/10/2024 8:47	0	0.4	18.5	0	2	987	990	-3	9.8	2.43	15
31/10/2024 9:17	0	0.4	18.5	0	0.1	987	990	-3	10.7	2.43	15
31/10/2024 9:47	0.2	0.4	18.5	0.2	0	987	990	-3	11.7	2.41	15
31/10/2024 10:17	0	0.4	18.5	0.2	0	987	990	-3	13.1	2.43	15
31/10/2024 10:47	0.2	0.4	18.5	0.2	0	987	990	-3	14.4	2.43	15
31/10/2024 11:17	0.2	0.4	18.5	0.2	0	987	990	-3	15.5	2.43	15
31/10/2024 11:47	0.2	0.4	18.6	0.2	2	987	990	-3	16.4	2.43	15
31/10/2024 12:17	0.4	0.4	18.6	0	0	987	990	-3	17	2.43	15
31/10/2024 12:47	0.2	0.4	18.6	0.2	0	987	990	-3	18	2.43	15
31/10/2024 13:17	0.4	0.4	18.6	0.2	1	987	990	-3	18	2.43	15
31/10/2024 13:47	0.4	0.4	18.6	0.2	0	987	990	-3	18.5	2.43	15
31/10/2024 14:17	0.4	0.4	18.6	0.2	0.1	987	990	-3	19.1	2.44	15
31/10/2024 14:47	0.4	0.4	18.6	0	0.4	987	990	-3	19.3	2.44	15
31/10/2024 15:17	0.4	0.4	18.6	0.2	0.7	987	990	-3	19.6	2.44	15
31/10/2024 15:47	0.4	0.4	18.7	0.2	0.4	987	990	-3	19.8	2.44	15
31/10/2024 16:17	0.4	0.4	18.7	0	1.3	987	990	-3	19.8	2.44	15
31/10/2024 16:47	0.4	0.4	18.7	0	0	987	990	-3	19.8	2.44	15
31/10/2024 17:17	0.4	0.4	18.7	0.2	2.3	987	990	-3	19.9	2.44	15
31/10/2024 17:47	0.4	0.4	18.7	0	0.7	987	990	-3	19.3	2.44	14
31/10/2024 18:17	0.4	0.4	18.7	0	1.3	987	990	-3	18.9	2.44	14
31/10/2024 18:47	0.2	0.4	18.7	0.2	0.4	987	990	-3	18.3	2.44	14
31/10/2024 19:17	0.4	0.4	18.7	0	1	987	990	-3	17.5	2.44	14
31/10/2024 19:47	0.2	0.4	18.7	0.2	2.3	987	990	-3	16.5	2.44	14
31/10/2024 20:17	0.2	0.4	18.7	0	0	987	990	-3	14.9	2.43	14
31/10/2024 20:47	0.2	0.4	18.6	0	0	987	990	-3	13.2	2.43	13
31/10/2024 21:17	0.2	0.4	18.6	0	0	988	991	-3	11.8	2.43	14
31/10/2024 21:47	0.2	0.4	18.6	0	0.4	988	991	-3	10.8	2.43	14
31/10/2024 22:17	0.2	0.4	18.6	0	2.6	988	991	-3	9.9	2.43	14
31/10/2024 22:47	0	0.4	18.5	0	0.1	988	991	-3	9.2	2.43	14
31/10/2024 23:17	0.2	0.4	18.5	0	0	988	991	-3	8.9	2.41	14
31/10/2024 23:47	0.2	0.4	18.5	0	0.4	988	991	-3	8.6	2.41	14
1/11/2024 0:17	0.2	0.4	18.5	0	0.7	988	991	-3	8.5	2.41	14
1/11/2024 0:47	0	0.4	18.5	0	0	988	991	-3	8.3	2.41	14
1/11/2024 1:17	0	0.4	18.5	0	0	988	991	-3	8.1	2.41	14
1/11/2024 1:47	0	0.4	18.5	0	0.1	988	991	-3	7.9	2.41	14
1/11/2024 2:17	0	0.4	18.5	0	0	988	991	-3	7.8	2.41	14
1/11/2024 2:47	0	0.4	18.5	0	0.4	988	991	-3	7.4	2.41	15
1/11/2024 3:17	0	0.4	18.5	0	0	988	991	-3	7.1	2.41	15
1/11/2024 3:47	0.2	0.4	18.5	0	2.6	988	991	-3	6.9	2.41	15
1/11/2024 4:17	0	0.4	18.5	0	1.3	988	991	-3	6.9	2.41	15
1/11/2024 4:47	0.1	0.4	18.5	0	0	988	991	-3	6.9	2.41	15
1/11/2024 5:17	0	0.4	18.5	0	0	988	991	-3	6.9	2.41	15
1/11/2024 5:47	0.2	0.4	18.5	0	0.1	988	991	-3	7	2.41	15
1/11/2024 6:17	0.2	0.4	18.5	0	2.3	988	991	-3	7.1	2.4	15
1/11/2024 6:47	0	0.4	18.5	0	0	988	991	-3	7.2	2.4	15

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
1/11/2024 7:17	0.2	0.4	18.5	0	0	988	991	-3	7.3	2.4	14
1/11/2024 7:47	0	0.4	18.5	0	0	988	991	-3	7.6	2.4	14
1/11/2024 8:17	0.1	0.4	18.5	0	1	988	991	-3	8	2.4	14
1/11/2024 8:47	0	0.4	18.5	0	0	988	991	-3	8.8	2.4	14
1/11/2024 9:17	0	0.4	18.5	0	0	989	991	-2	10.1	2.4	15
1/11/2024 9:47	0.2	0.4	18.5	0	0.1	989	991	-2	11.1	2.4	15
1/11/2024 10:17	0.2	0.4	18.5	0.2	0	989	991	-2	11.8	2.4	15
1/11/2024 10:47	0.2	0.4	18.5	0	0.4	989	992	-3	12.6	2.41	15
1/11/2024 11:17	0.2	0.4	18.5	0	0	989	992	-3	13.7	2.41	15
1/11/2024 11:47	0.2	0.4	18.5	0.2	0	989	992	-3	14.7	2.41	15
1/11/2024 12:17	0.2	0.4	18.6	0.2	0	989	992	-3	15.5	2.41	15
1/11/2024 12:47	0.2	0.4	18.6	0.2	0	989	992	-3	16.2	2.41	15
1/11/2024 13:17	0.2	0.4	18.6	0.2	2	989	992	-3	16.6	2.41	15
1/11/2024 13:47	0.2	0.4	18.6	0.3	0.4	989	992	-3	17.1	2.41	15
1/11/2024 14:17	0.4	0.4	18.6	0.2	2	989	991	-2	17.8	2.41	15
1/11/2024 14:47	0.4	0.4	18.6	0.2	0	989	992	-3	18.7	2.41	15
1/11/2024 15:17	0.4	0.4	18.6	0.2	0	989	991	-2	19.4	2.41	15
1/11/2024 15:47	0.4	0.4	18.6	0.2	3.2	989	991	-2	19.9	2.41	15
1/11/2024 16:17	0.6	0.4	18.7	0.2	2.9	989	992	-3	20.4	2.43	15
1/11/2024 16:47	0.4	0.4	18.7	0.2	1	989	991	-2	20.8	2.43	15
1/11/2024 17:17	0.6	0.4	18.7	0.2	0.7	989	991	-2	20.9	2.43	15
1/11/2024 17:47	0.4	0.4	18.7	0	3.8	989	992	-3	20.6	2.43	15
1/11/2024 18:17	0.6	0.4	18.7	0	0	989	992	-3	20.1	2.43	14
1/11/2024 18:47	0.4	0.4	18.7	0	3.5	989	992	-3	19.4	2.41	14
1/11/2024 19:17	0.4	0.4	18.8	0	0	989	992	-3	18.8	2.43	14
1/11/2024 19:47	0.4	0.4	18.8	0	0	989	992	-3	17.3	2.41	14
1/11/2024 20:17	0.2	0.4	18.7	0	0.1	989	992	-3	15.4	2.41	14
1/11/2024 20:47	0.2	0.4	18.7	0	0	989	992	-3	13.6	2.41	14
1/11/2024 21:17	0.2	0.4	18.7	0	0.7	989	992	-3	11.9	2.41	14
1/11/2024 21:47	0.2	0.4	18.6	0	0	989	992	-3	10.6	2.41	14
1/11/2024 22:17	0.2	0.4	18.6	0	0.1	989	992	-3	9.5	2.4	14
1/11/2024 22:47	0	0.4	18.6	0	2.3	989	992	-3	8.6	2.4	14
1/11/2024 23:17	0.2	0.4	18.6	0	0	989	992	-3	7.8	2.4	14
1/11/2024 23:47	0.2	0.2	18.5	0	0	989	992	-3	7.1	2.4	14
2/11/2024 0:17	0	0.2	18.6	0	0	989	992	-3	6.4	2.4	14
2/11/2024 0:47	0.2	0.2	18.5	0	0	989	992	-3	6	2.4	14
2/11/2024 1:17	0	0.2	18.5	0	0	989	992	-3	5.8	2.4	14
2/11/2024 1:47	0	0.2	18.4	0	0	989	992	-3	5.7	2.39	15
2/11/2024 2:17	0.2	0.2	18.5	0	0	989	991	-2	5.7	2.39	15
2/11/2024 2:47	0	0.1	18.5	0	1	989	991	-2	5.7	2.39	15
2/11/2024 3:17	0	0.2	18.5	0	0	988	991	-3	5.7	2.39	14
2/11/2024 3:47	0	0.2	18.5	0	2.3	988	991	-3	5.6	2.39	14
2/11/2024 4:17	0	0.2	18.5	0	0	988	991	-3	5.6	2.39	14
2/11/2024 4:47	0	0.2	18.5	0	0	988	991	-3	5.4	2.39	14
2/11/2024 5:17	0	0.2	18.5	0	0	988	991	-3	5.2	2.39	14
2/11/2024 5:47	0	0.2	18.5	0	1.6	988	991	-3	4.9	2.39	14
2/11/2024 6:17	0	0.2	18.5	0	0	988	991	-3	4.3	2.38	15
2/11/2024 6:47	0	0.2	18.5	0	0	988	991	-3	3.4	2.38	14
2/11/2024 7:17	0	0.2	18.4	0	0	988	991	-3	3.5	2.38	14
2/11/2024 7:47	0.2	0.2	18.4	0	1	988	991	-3	5	2.38	15
2/11/2024 8:17	0	0.2	18.4	0	2	988	991	-3	7.2	2.38	15
2/11/2024 8:47	0.2	0.2	18.4	0.2	0	988	991	-3	9.6	2.38	15
2/11/2024 9:17	0.2	0.2	18.4	0.2	2	989	991	-2	11.6	2.39	16
2/11/2024 9:47	0.2	0.2	18.5	0.2	3.2	989	991	-2	13.4	2.39	16
2/11/2024 10:17	0.2	0.2	18.5	0	0	988	991	-3	14.9	2.39	15
2/11/2024 10:47	0.2	0.2	18.5	0.2	3.2	988	991	-3	16.4	2.39	15
2/11/2024 11:17	0.2	0.2	18.5	0.2	2.9	988	991	-3	17.8	2.39	15
2/11/2024 11:47	0.4	0.4	18.6	0.2	2	988	991	-3	19.1	2.4	15
2/11/2024 12:17	0.4	0.4	18.6	0.2	1	988	991	-3	20.3	2.4	16
2/11/2024 12:47	0.4	0.2	18.6	0.2	0.1	988	990	-2	21.1	2.4	15
2/11/2024 13:17	0.6	0.4	18.6	0.2	0.4	987	990	-3	21.8	2.4	14
2/11/2024 13:47	0.6	0.4	18.7	0	0	987	990	-3	22.5	2.4	14
2/11/2024 14:17	0.6	0.4	18.7	0.2	0.7	987	990	-3	23	2.4	15
2/11/2024 14:47	0.8	0.4	18.7	0.2	1.6	987	990	-3	23.6	2.41	15

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
2/11/2024 15:17	0.8	0.4	18.7	0.2	2.3	987	990	-3	24.1	2.41	15
2/11/2024 15:47	0.8	0.4	18.7	0.2	0.1	986	989	-3	24.4	2.41	14
2/11/2024 16:17	0.8	0.4	18.7	0.2	0	986	989	-3	24.5	2.41	14
2/11/2024 16:47	0.8	0.4	18.7	0.2	2.6	986	989	-3	24.7	2.41	15
2/11/2024 17:17	0.8	0.4	18.8	0.2	1	986	989	-3	24.6	2.41	15
2/11/2024 17:47	0.8	0.4	18.8	0	3.2	986	989	-3	24.1	2.41	15
2/11/2024 18:17	0.8	0.4	18.8	0.2	1.3	986	989	-3	23.6	2.41	14
2/11/2024 18:47	0.6	0.4	18.8	0	0	986	989	-3	23	2.41	14
2/11/2024 19:17	0.6	0.2	18.8	0	2.3	986	989	-3	22.6	2.41	14
2/11/2024 19:47	0.6	0.2	18.8	0	0	985	989	-4	21.7	2.41	13
2/11/2024 20:17	0.4	0.2	18.8	0.2	1.6	985	989	-4	20.8	2.4	13
2/11/2024 20:47	0.4	0.2	18.8	0	0.7	985	989	-4	19.8	2.4	14
2/11/2024 21:17	0.4	0.2	18.8	0	0.7	985	989	-4	19.1	2.4	14
2/11/2024 21:47	0.4	0.2	18.8	0	0.7	985	989	-4	18.6	2.4	14
2/11/2024 22:17	0.4	0.2	18.8	0	0.7	985	988	-3	18.3	2.4	14
2/11/2024 22:47	0.2	0.2	18.8	0	1.3	985	988	-3	18.2	2.4	14
2/11/2024 23:17	0.4	0.2	18.8	0	1.6	985	988	-3	18	2.4	14
2/11/2024 23:47	0.2	0.2	18.8	0	0	984	988	-4	17.9	2.4	13
3/11/2024 0:17	0.4	0.2	18.8	0	0.1	984	988	-4	17.9	2.4	13
3/11/2024 0:47	0.2	0.2	18.7	0.2	0.7	984	988	-4	17.8	2.39	14
3/11/2024 1:17	0.4	0.2	18.8	0	1	984	988	-4	17.9	2.39	14
3/11/2024 1:47	0.4	0.2	18.7	0.2	2	984	988	-4	18.2	2.39	14
3/11/2024 2:17	0.4	0.2	18.7	0	0	984	988	-4	18.4	2.39	14
3/11/2024 2:47	0.4	0.2	18.7	0	0	984	987	-3	18.6	2.39	14
3/11/2024 3:17	0.4	0.2	18.7	0	1.3	984	987	-3	18.6	2.39	14
3/11/2024 3:47	0.4	0.4	18.7	0.2	0.4	983	987	-4	18.6	2.39	13
3/11/2024 4:17	0.2	0.2	18.8	0	0.7	983	987	-4	18.6	2.39	13
3/11/2024 4:47	0.4	0.4	18.8	0.2	0	983	987	-4	18.4	2.39	13
3/11/2024 5:17	0.4	0.2	18.8	0	0	983	987	-4	18.1	2.39	13
3/11/2024 5:47	0.4	0.2	18.8	0.2	0.1	983	987	-4	17.7	2.39	13
3/11/2024 6:17	0.2	0.2	18.8	0	1	984	987	-3	17.4	2.39	14
3/11/2024 6:47	0.2	0.4	18.8	0	1	984	988	-4	17.1	2.38	14
3/11/2024 7:17	0.2	0.4	18.7	0	0	984	988	-4	16.8	2.38	13
3/11/2024 7:47	0.2	0.4	18.7	0	0.1	984	988	-4	16.8	2.38	13
3/11/2024 8:17	0.2	0.4	18.7	0.2	2	985	988	-3	16.7	2.38	14
3/11/2024 8:47	0.2	0.4	18.7	0	0	985	988	-3	16.6	2.38	14
3/11/2024 9:17	0.2	0.4	18.7	0	0	985	988	-3	16.6	2.38	14
3/11/2024 9:47	0.2	0.4	18.7	0	1.6	985	989	-4	17.6	2.38	14
3/11/2024 10:17	0.4	0.4	18.7	0.2	0	985	989	-4	18.7	2.38	14
3/11/2024 10:47	0.4	0.4	18.7	0.3	2	985	989	-4	19.7	2.38	14
3/11/2024 11:17	0.4	0.4	18.7	0	1	985	989	-4	20.5	2.38	13
3/11/2024 11:47	0.4	0.4	18.7	0.2	2.3	985	989	-4	21.3	2.38	14
3/11/2024 12:17	0.6	0.4	18.7	0.2	1.3	985	989	-4	21.9	2.38	13
3/11/2024 12:47	0.6	0.4	18.7	0.2	0.4	985	989	-4	22.3	2.38	14
3/11/2024 13:17	0.6	0.4	18.8	0.2	4.2	985	989	-4	22.5	2.38	14
3/11/2024 13:47	0.6	0.4	18.8	0.3	4.8	985	989	-4	22.9	2.38	13
3/11/2024 14:17	0.8	0.4	18.8	0.2	0.7	985	989	-4	23.3	2.38	13
3/11/2024 14:47	0.8	0.4	18.8	0.3	0.1	985	989	-4	24.1	2.38	14
3/11/2024 15:17	0.8	0.4	18.8	0.2	3.8	985	989	-4	24.7	2.38	14
3/11/2024 15:47	1	0.4	18.8	0.3	0	985	989	-4	25.1	2.38	14
3/11/2024 16:17	1	0.4	18.8	0.2	2.6	985	989	-4	25.4	2.39	14
3/11/2024 16:47	1	0.4	18.8	0.2	1	985	989	-4	25.6	2.39	14
3/11/2024 17:17	1.2	0.4	18.8	0.2	2	985	989	-4	25.6	2.39	14
3/11/2024 17:47	1.2	0.4	18.8	0.2	0	985	989	-4	25.4	2.39	14
3/11/2024 18:17	1	0.4	18.8	0	0.7	985	989	-4	24.9	2.39	14
3/11/2024 18:47	0.8	0.4	18.9	0.2	2.9	985	989	-4	24.4	2.39	14
3/11/2024 19:17	0.8	0.4	18.9	0	0.7	985	989	-4	23.6	2.38	13
3/11/2024 19:47	0.6	0.4	18.9	0	2.9	985	989	-4	22.4	2.38	13
3/11/2024 20:17	0.6	0.4	18.9	0	0.7	986	989	-3	20.4	2.38	14
3/11/2024 20:47	0.4	0.4	18.8	0	0	986	989	-3	18.3	2.38	14
3/11/2024 21:17	0.4	0.4	18.8	0	1.6	986	989	-3	16.4	2.36	14
3/11/2024 21:47	0.2	0.4	18.8	0	0	986	989	-3	14.8	2.36	14
3/11/2024 22:17	0.2	0.2	18.8	0	1.3	986	989	-3	13.4	2.36	14
3/11/2024 22:47	0.2	0.2	18.7	0	0.4	986	989	-3	12.4	2.36	14
3/11/2024 23:17	0.2	0.2	18.7	0	0	986	989	-3	11.6	2.35	14
3/11/2024 23:47	0.2	0.2	18.6	0	0	986	989	-3	10.8	2.35	14
4/11/2024 0:17	0.2	0.2	18.6	0	0	986	989	-3	10.3	2.35	14
4/11/2024 0:47	0.2	0.2	18.6	0	0	986	989	-3	9.9	2.35	14

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
4/11/2024 1:17	0.2	0.2	18.6	0	0.7	986	990	-4	9.4	2.34	14
4/11/2024 1:47	0.2	0.2	18.6	0	0	986	989	-3	8.9	2.34	14
4/11/2024 2:17	0.2	0.2	18.6	0	0	986	989	-3	8.3	2.34	14
4/11/2024 2:47	0.2	0.2	18.5	0	1.3	986	989	-3	7.7	2.34	15
4/11/2024 3:17	0.2	0.2	18.5	0	1.3	986	989	-3	6.8	2.33	15
4/11/2024 3:47	0.2	0.2	18.5	0	0	986	989	-3	6.2	2.33	15
4/11/2024 4:17	0.2	0.2	18.5	0	0	986	989	-3	5.9	2.33	15
4/11/2024 4:47	0.2	0.1	18.5	0	0	986	989	-3	5.7	2.33	15
4/11/2024 5:17	0.2	0.2	18.5	0	0	986	989	-3	5.7	2.31	15
4/11/2024 5:47	0.2	0.2	18.5	0	0	986	989	-3	5.8	2.31	15
4/11/2024 6:17	0.2	0.2	18.4	0	0	986	989	-3	6.1	2.31	15
4/11/2024 6:47	0	0.2	18.5	0	0	986	990	-4	6.4	2.31	15
4/11/2024 7:17	0.2	0.2	18.5	0	2.9	986	990	-4	6.6	2.31	14
4/11/2024 7:47	0.2	0.2	18.5	0	0.4	987	990	-3	7.6	2.31	15
4/11/2024 8:17	0.2	0.2	18.5	0	0	987	990	-3	8.9	2.31	15
4/11/2024 8:47	0.2	0.2	18.5	0.2	0.1	987	990	-3	10	2.31	16
4/11/2024 9:17	0.2	0.2	18.5	0	0	987	990	-3	10.9	2.31	16
4/11/2024 9:47	0.2	0.2	18.5	0	0	987	990	-3	11.9	2.31	16
4/11/2024 10:17	0.2	0.2	18.5	0	0	987	990	-3	12.9	2.31	15
4/11/2024 10:47	0.2	0.2	18.5	0	0	987	990	-3	13.8	2.31	15
4/11/2024 11:17	0.2	0.2	18.6	0.2	1	987	990	-3	14.6	2.31	15
4/11/2024 11:47	0.2	0.2	18.6	0.2	0	987	990	-3	15.5	2.31	15
4/11/2024 12:17	0.2	0.2	18.6	0.2	1.3	987	990	-3	16.6	2.33	15
4/11/2024 12:47	0.4	0.2	18.6	0.2	0	987	990	-3	17.6	2.33	15
4/11/2024 13:17	0.6	0.2	18.6	0.2	1.3	987	990	-3	18.9	2.33	15
4/11/2024 13:47	0.4	0.2	18.6	0.3	1.3	987	990	-3	19.9	2.33	15
4/11/2024 14:17	0.6	0.4	18.7	0	0	987	990	-3	20.8	2.33	15
4/11/2024 14:47	0.6	0.4	18.7	0.2	0	987	990	-3	21.3	2.33	15
4/11/2024 15:17	0.6	0.4	18.7	0.2	1.6	987	990	-3	22.1	2.33	15
4/11/2024 15:47	0.8	0.4	18.7	0.2	2	987	990	-3	22.4	2.34	15
4/11/2024 16:17	0.6	0.4	18.7	0	2.6	987	990	-3	21.9	2.34	14
4/11/2024 16:47	0.6	0.4	18.8	0.2	0.7	987	990	-3	21.8	2.33	14
4/11/2024 17:17	0.6	0.4	18.7	0.2	0.1	987	990	-3	22.1	2.33	14
4/11/2024 17:47	0.6	0.4	18.8	0	0.1	987	990	-3	21.6	2.33	14
4/11/2024 18:17	0.6	0.4	18.8	0	3.2	987	990	-3	21	2.33	14
4/11/2024 18:47	0.6	0.4	18.8	0	0	987	990	-3	20.5	2.33	14
4/11/2024 19:17	0.6	0.4	18.8	0	0	987	991	-4	20	2.33	14
4/11/2024 19:47	0.4	0.4	18.8	0	2	987	991	-4	19	2.31	14
4/11/2024 20:17	0.4	0.2	18.8	0	0.4	987	991	-4	17.6	2.31	14
4/11/2024 20:47	0.4	0.2	18.8	0	0	988	991	-3	16.1	2.31	14
4/11/2024 21:17	0.2	0.2	18.7	0	0	988	991	-3	14.8	2.3	14
4/11/2024 21:47	0.2	0.2	18.8	0	0	988	991	-3	13.6	2.3	14
4/11/2024 22:17	0.2	0.2	18.7	0	0	988	991	-3	12.5	2.3	14
4/11/2024 22:47	0.2	0.2	18.7	0	0	988	991	-3	11.6	2.29	15
4/11/2024 23:17	0.2	0.2	18.6	0	0	988	991	-3	10.7	2.28	15
4/11/2024 23:47	0.2	0.2	18.6	0	0	988	991	-3	9.9	2.28	15
5/11/2024 0:17	0.2	0.2	18.6	0	3.2	987	991	-4	9.3	2.26	14
5/11/2024 0:47	0.2	0.2	18.5	0	0	987	991	-4	8.8	2.26	14
5/11/2024 1:17	0.2	0.2	18.6	0	0.1	987	990	-3	8.4	2.26	14
5/11/2024 1:47	0.2	0.2	18.6	0	0.7	987	990	-3	7.9	2.25	14
5/11/2024 2:17	0.2	0.2	18.5	0	0	987	990	-3	7.6	2.25	14
5/11/2024 2:47	0.2	0.2	18.5	0	0	987	990	-3	7.3	2.24	15
5/11/2024 3:17	0.2	0.2	18.5	0	0.1	987	990	-3	6.9	2.24	15
5/11/2024 3:47	0.2	0.2	18.5	0	1.6	987	990	-3	6.6	2.23	15
5/11/2024 4:17	0.2	0.2	15.4	0	0	987	990	-3	6.3	2.23	94
5/11/2024 4:47	0.2	0.2	15.3	0	0	983	990	-7	6.1	2.21	91
5/11/2024 5:17	0.2	0.2	15.3	0	0	982	990	-8	5.8	2.21	90
5/11/2024 5:47	0.2	0.2	15.3	0	0	981	990	-9	5.3	2.2	89
5/11/2024 6:17	0.2	0.2	15.3	0	0	981	990	-9	4.6	2.2	89
5/11/2024 6:47	0.2	0.2	15.2	0	0.1	982	990	-8	3.9	2.19	89
5/11/2024 7:17	0.2	0.2	15.3	0	0	982	990	-8	4.3	2.18	90
5/11/2024 7:47	0.2	0.2	15.3	0	0.4	986	990	-4	6	2.18	94
5/11/2024 8:17	0.2	0.2	15.3	0	0.7	987	990	-3	8.4	2.16	96
5/11/2024 8:47	0.2	0.2	15.2	0	0	988	991	-3	11.1	2.18	98
5/11/2024 9:17	0.2	0.4	15.3	0	3.8	988	991	-3	14.1	2.2	98
5/11/2024 9:47	0.4	0.4	15.6	0	0	988	991	-3	16.9	2.2	98
5/11/2024 10:17	0.4	0.4	15.9	0	0.1	988	991	-3	19.2	2.2	96
5/11/2024 10:47	0.6	0.4	16.1	0.2	0.4	988	990	-2	21.1	2.21	93

Date and Time	CH4	CO2	O2	H2S	CO	Bore press	Atm press	Diff press	°C	Battery (V)	Filter press
5/11/2024 11:17	0.6	0.4	16.2	0.2	2.6	988	990	-2	22.6	2.21	88
5/11/2024 11:47	0.8	0.4	16.5	0.2	2	988	990	-2	23.8	2.21	83
5/11/2024 12:17	1	0.4	17	0.3	4.5	987	990	-3	24.7	2.21	81
5/11/2024 12:47	1.2	0.4	16.8	0.2	0.7	987	990	-3	25.4	2.2	75
5/11/2024 13:17	1.2	0.4	17.2	0.2	3.2	987	990	-3	26	2.2	75
5/11/2024 13:47	1.2	0.4	16.8	0.2	0	987	990	-3	26.4	2.19	75
5/11/2024 14:17	1.6	0.4	16.9	0.2	0.1	987	990	-3	27	2.18	75
5/11/2024 14:47	1.6	0.4	17	0.3	1.6	987	990	-3	27.6	2.16	72