



Vickery Extension Project Groundwater Monitoring Report

Quarterly Review November 2025 – January 2026

Whitehaven Coal Ltd

Blue Vale Rd, Boggabri NSW 2382 Australia

Prepared by:

SLR Consulting Australia

SLR Project No.: 640.031099.00001

20 March 2026

Revision: 2.0

Revision Record

| Revision | Date | Prepared By | Checked By | Authorised By |
|----------|---------------|-------------|----------------|---------------|
| 2.0 | 19 March 2026 | Joy Xie | Sharon Hulbert | draft |
| 2.0 | 20 March 2026 | Joy Xie | Sharon Hulbert | Brian Rask |

Basis of Report

This report has been prepared by SLR Consulting Australia (SLR) with all reasonable skill, care and diligence, and taking account of the timescale and resources allocated to it by agreement with Whitehaven Coal Ltd (the Client). Information reported herein is based on the interpretation of data collected, which has been accepted in good faith as being accurate and valid.

This report is for the exclusive use of the Client. No warranties or guarantees are expressed or should be inferred by any third parties. This report may not be relied upon by other parties without written consent from SLR.

SLR disclaims any responsibility to the Client and others in respect of any matters outside the agreed scope of the work.



Table of Contents

| | |
|--|-----------|
| Basis of Report | ii |
| Acronyms and Abbreviations | v |
| 1.0 Introduction | 1 |
| 1.1 Background | 1 |
| 1.2 Trigger Action Response Plan | 2 |
| 1.3 Report Objective..... | 2 |
| 2.0 Monitoring Results..... | 4 |
| 2.1 Climate Data | 4 |
| 2.2 Groundwater Monitoring Network | 5 |
| 2.3 Data Availability..... | 7 |
| 2.4 Groundwater Levels | 7 |
| 2.4.1 Groundwater Level Data Summary..... | 7 |
| 2.4.2 TARP Trigger Level Summary..... | 16 |
| 2.5 Groundwater Quality and Exceedance Summary | 20 |
| 2.5.1 Piper Diagrams | 22 |
| 3.0 Action and Response..... | 28 |
| 4.0 Recommendations | 28 |
| 5.0 References..... | 30 |

Tables in Text

| | |
|---|----|
| Table 1: Monthly rainfall vs long-term average rainfall | 4 |
| Table 2: Groundwater Elevation Summary | 9 |
| Table 3: Summary of logger data availability | 14 |
| Table 4: Summary of TARP triggers | 23 |
| Table 5: Summary of Trigger Actions and Responses..... | 28 |
| Table 6: Summary and status of recommendations to date | 28 |

Figures in Text

| | |
|--|----|
| Figure 1: On-site monthly rainfall vs long-term average monthly rainfall | 4 |
| Figure 2: VCM groundwater monitoring network..... | 6 |
| Figure 3: Alluvial bores hydrograph | 8 |
| Figure 4: Permian bores hydrograph | 8 |
| Figure 5: Alluvial groundwater contour map (January 2026)..... | 12 |

| | | |
|-----------|--|----|
| Figure 6 | Permian aquifer groundwater level contour map (January 2026) | 13 |
| Figure 7: | Logger hydrograph – VKY034C | 16 |
| Figure 8 | Alluvial hydrographs and triggers, as depth below ground level | 17 |
| Figure 9 | Permian hydrographs and trigger, as depth below ground level..... | 19 |
| Figure 10 | EC time series plot for GW03 | 21 |
| Figure 11 | TR07 temporal EC and pH plot..... | 22 |
| Figure 12 | Alluvial groundwater piper plots | 26 |
| Figure 13 | Permian groundwater piper plots | 27 |

Appendices

| | |
|-------------------|---------------------------------------|
| Appendix A | Trigger Action Response Plan |
| Appendix B | Groundwater Level Results |
| Appendix C | Groundwater Quality Results |
| Appendix D | Quality Trigger Level Analysis |

Acronyms and Abbreviations

| | |
|----------|---|
| CMA | Corrective Management Actions |
| EC | Electronic Conductivities |
| EP&A Act | Environmental Planning and Assessment Act, 1979 |
| GWMP | Groundwater Management Plan |
| mbgl | meter below ground level |
| mbTOC | meters below top of casing |
| pH | potential of Hydrogen |
| TARP | Trigger Action Response Plan |
| VCPL | Vickery Coal Pty Ltd |
| VEP | Vickery Extension Project |
| WMP | Water Management Plan |

1.0 Introduction

1.1 Background

SLR Consulting Australia Pty Ltd (SLR) was engaged by Whitehaven Coal Pty Ltd (Whitehaven) to undertake a review of groundwater level and quality data collected for the Vickery Extension Project (VEP) between 1st November 2025 through 31st January 2026.

The VEP Development Consent (SSD-7480) was granted to Vickery Coal Pty Ltd. (VCPL) on 12 August 2020 by the NSW Independent Planning Commission as a delegate of the NSW Minister for Planning under Section 75J of the NSW Environmental Planning and Assessment Act 1979 (EP&A Act). Approval EPBC 2016/7649 under the Environmental Protection and Biodiversity Conservation Act 1999 (EPBC Act) was granted on 15 September 2021.

Pertinent to the groundwater monitoring and subsequent reporting is Condition 8 of EPBC 2016/7649, that states:

8. In Addition to the Groundwater Management Plan monitoring requirements specified in condition B53 of the State Development Consent, the approval holder must:

a. Establish and maintain a network of groundwater monitoring bores designed to detect changes in groundwater levels and include bores that are co-located or paired with surface water monitoring sites to allow monitoring and analysis of groundwater – surface water interactions. These monitoring bores must be installed prior to the commencement of mining operations.

b. Monitor groundwater levels in each bore (required under condition 8.a) at least once every 3 months, starting within one week of the commencement of mining operations for the life of this approval.

c. Publish on the website all groundwater monitoring data from the bore network, updated at least once every three months to include the most recent readings available and to maintain the data on the website for the life of this approval. The monitoring data must include hydrographs for the bore network and explain what the data means in relation to the groundwater performance measures specified in the State Development Consent.

This quarterly report has been compiled for Vickery Coal Mine (VCM) to comply with Condition 8(c) of EPBC 2016/7649. Groundwater monitoring commenced in October 2023 aligning with the commencement of mining in October 2023 and in accordance with Condition 8(b). Reporting to date includes:

- 1 Initial Quarterly Report (August 2023 through October 2023), published January 2024.
- 2 2023 Annual Review (1st January 2023 through 31st December 2023), to be published on the website following approval from NSW Department of Planning, Housing and Infrastructure (DPHI).
- 3 Second Quarterly Report (November 2023 through January 2024), published April 2024.
- 4 Third Quarterly Report (February 2024 through April 2024), published July 2024.
- 5 Forth Quarterly Report (May 2024 through July 2024), published October 2024.
- 6 Fifth Quarterly Report (August 2024 through October 2024), published January 2025.
- 7 Sixth Quarterly Report (November 2024 through January 2025), published March 2025.

- 8 Seventh Quarterly Report (February 2025 through April 2025), published June 2025.
- 9 Eighth Quarterly Report (May 2025 through July 2025), published September 2025.
- 10 Ninth Quarterly Report (August 2025 through October 2025), published December 2025

Mining operations continue on site, with coal extraction occurring. Within the reporting period, Whitehaven Coal continue the use of Mine Water Dam 2 (MWD2) and are continuing extraction in the main box cut pit. As production zones gets deeper, there is increased in-pit water, which is a combination of groundwater seepage, direct rainfall collection, water runoff from on-site activities (i.e. dust suppression) and surface runoff. In-pit water is being managed via extraction through sump pumps directly into MWD2. Water for dust suppression is taken from MWD2 and delivered via water carts. A water fill point is also operational at the MIA allowing for efficient circulation of water carts for dust suppression.

1.2 Trigger Action Response Plan

A Trigger Action Response Plan (TARP) was established in the Groundwater Management Plan (GWMP), as a means of providing specific suitable action where exceedances of the groundwater performance criteria are observed. The aim of the TARPs is to evaluate potential adverse changes to existing groundwater sources, confirm if they are due to the development, and provide a means to repair, mitigate and/or offset any adverse groundwater impacts (Whitehaven 2023). The groundwater level and quality TARPs for the open cut activities at VEP are provided in **Appendix A**.

The GWMP states the procedure for the review, as follows:

- The confirmed exceedances will prompt an investigation, carried out by suitably qualified personnel, to assess the reasons for trigger exceedance, which could include but not be limited to climatic conditions, agriculture abstraction, and or mining activities.
- In the case exceedances are attributed to mining activities, the changes in groundwater conditions, such as a decrease in water level or changes in groundwater quality, will be compared to performance measures (discussed in Section 8.1 of GWMP) to evaluate the significance of any impacts manifested on the groundwater systems.
- The results of the trigger investigations will be reported in each annual review.

WHC will use the annual review following each reporting period to analyse the data and revise the trigger thresholds in response to additional baseline data as it becomes available. A review of the current GWMP and TARP, specifically the trigger levels, has been undertaken, and monitoring results—along with triggers identified in this and previous reviews—will be reassessed once an updated GWMP takes effect.

1.3 Report Objective

This report assesses the VEP groundwater level and quality monitoring data against the trigger levels for all required parameters (as per the relevant TARP in the site GWMP) for the reporting period from 1st November 2025 through 31st January 2026.

This report includes:

- A summary of TARP exceedances, if any, during the reporting period;
- A summary of trigger exceedances, if any, over time including the identification of breaches of triggers that remain within normal condition in this reporting period;

- A high-level outline of potential influence factors for exceedances (a detailed analysis of exceedances is not discussed in this report) during the reporting period; and
- Recommendation of relevant actions and responses to be undertaken, in alignment with the TARPs.

The information in this monitoring report will be included in the ongoing quarterly monitoring reports for VEP and summarised in the 2026 Annual Review.

2.0 Monitoring Results

This section summarises the climate information, groundwater monitoring network, and monitoring results available to the conclusion of the reporting period.

2.1 Climate Data

Local climate data was obtained from the Vickery Coal Mine (VCM) (MET2) station, which commenced monitoring in September 2023. To understand long-term rainfall trends, the SILO climate record for the location 0.05° x 0.05° tile centred on a location within proximity of VEP (latitude: -30.75, longitude: 150.15) has been utilised (Queensland Government 2024). Comparison of the data sets show analogous trends, indicating the SILO data is a suitable representation of long-term trends.

Rainfall over the past 13 months, in comparison to the long-term average (i.e., January 1900 – present) is shown in **Table 1** and on **Figure 1**. Over the 13-month period, rainfall was substantially above average in March 2025, with moderate exceedances in May and August 2025. Rainfall was significantly below average in January, February, June and December 2025, and again in January 2026.

Table 1: Monthly rainfall vs long-term average rainfall

| Year | 2025 | | | | | | | | | | | | 2026 |
|--------------------------------------|------|------|-------|------|------|------|------|------|------|------|------|------|------|
| Month | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan |
| SILO Long-term average rainfall (mm) | 69.0 | 57.3 | 47.0 | 33.5 | 39.3 | 40.4 | 38.7 | 35.4 | 37.2 | 48.9 | 57.8 | 60.7 | 69.0 |
| SILO monthly rainfall (mm) | 35.8 | 39.0 | 179.1 | 62.8 | 49.5 | 22.7 | 55.3 | 67.8 | 28.0 | 40.0 | 35.2 | 31.9 | 26.7 |
| On-site Rainfall (mm) | 16.6 | 22.0 | 217.6 | 44.6 | 60.2 | 15.4 | 43.8 | 82.4 | 25.6 | 42.2 | 57.8 | 31.0 | 27.8 |

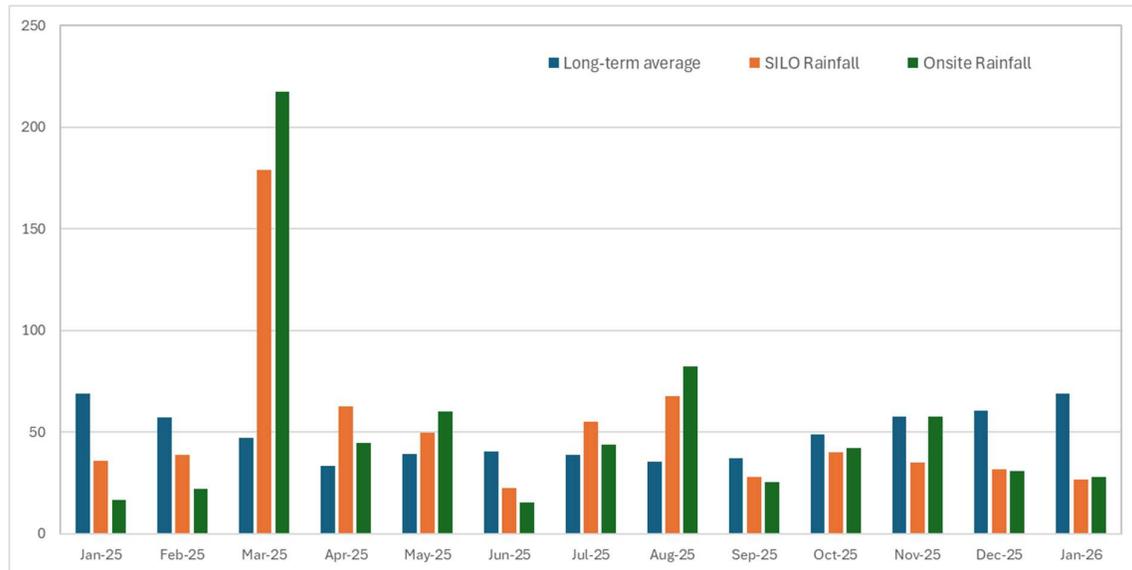


Figure 1 On-site monthly rainfall vs long-term average monthly rainfall

2.2 Groundwater Monitoring Network

As per the GWMP, the existing groundwater monitoring network consists of 60 monitoring sites, including

- 28 monitoring locations in Alluvial aquifer,
- 28 monitoring locations in Permian aquifer,
- Two sites (WR1 and WR2) positioned to monitor the potential for seepage from the spoil dump (installed January 2024), and
- Two water supply bores (GW971400 and GW971614).

The groundwater network is presented on **Figure 2** and full details provided in the GWMP (Whitehaven 2023).

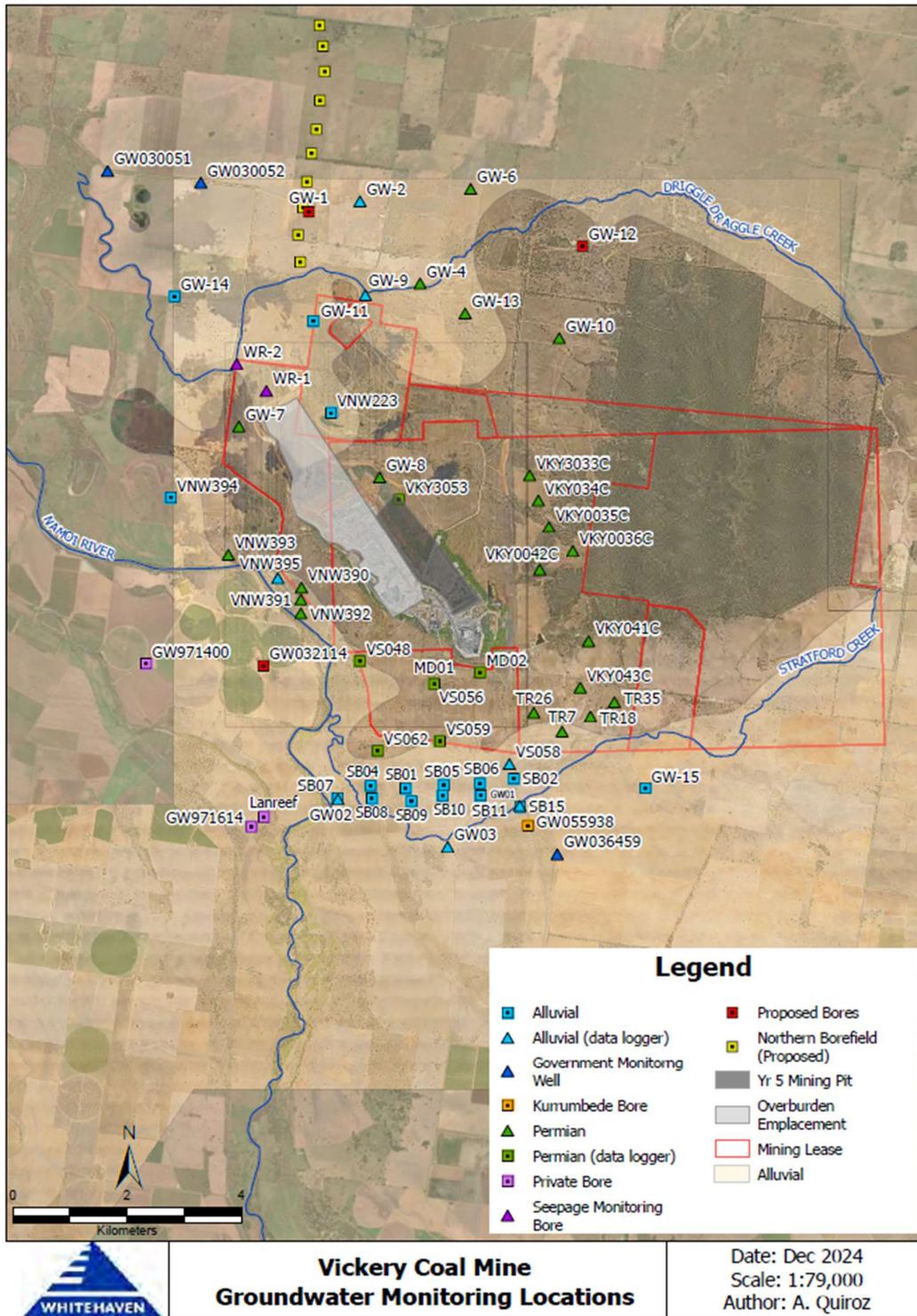


Figure 2: VCM groundwater monitoring network

2.3 Data Availability

In line with the VCM GWMP, the full suite of bores available was monitored during the reporting period, with the exception of GW-8 and GW971614. Bore GW-8 was neither sampled nor dipped; however, the corresponding field note comment is not visible. Bore GW971614 was sampled, but a groundwater level measurement was not recorded. GW-6 was recorded as “no access” and “cropped” during the October 2025 monitoring round; however, the bore was sampled and dipped during the January 2026 round. It is therefore assumed that access to the bore has been restored and routine monitoring has resumed.

2.4 Groundwater Levels

Groundwater levels are measured via both manual dip and continuous loggers. The data available since April 2022 is presented in this section and shown in **Appendix B**.

2.4.1 Groundwater Level Data Summary

A summary of the groundwater level data available to date is presented below.

2.4.1.1 Alluvial Groundwater Bores

The groundwater levels in the alluvial monitoring bores are presented in **Figure 3** and summarised in **Table 2**. The groundwater contour map, based on the results from January 2026 monitoring round, is presented in **Figure 5**.

2.4.1.2 Permian Groundwater Bores

The groundwater levels in the Permian monitoring bores are summarised in **Table 2**, and presented in **Figure 5**. The groundwater contour map, based on the results of January 2026 monitoring round, is presented in **Figure 6**.

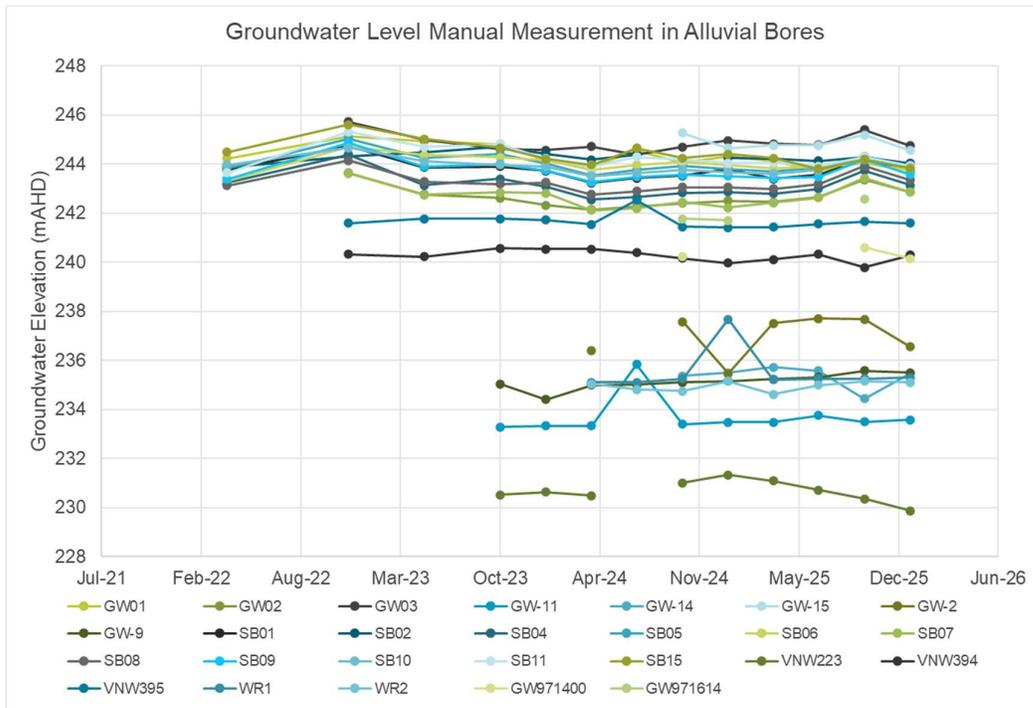


Figure 3 Alluvial bores hydrograph

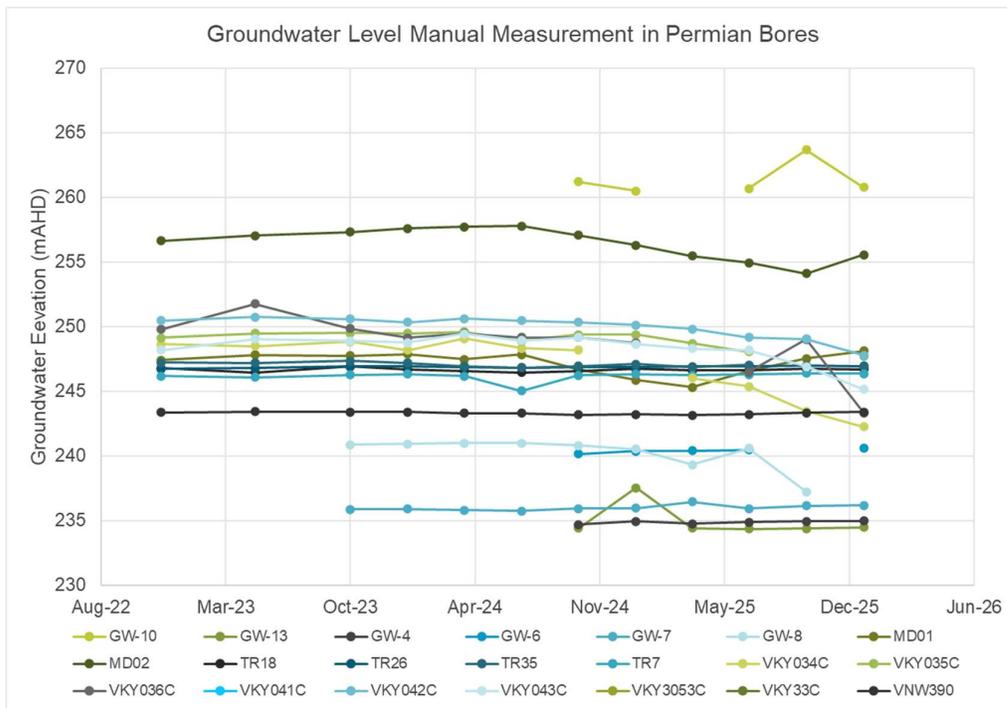


Figure 4: Permian bores hydrograph

Table 2 Groundwater Elevation Summary

| Sample Location | Groundwater Elevation (mAHD*) | | | | | | | | | | | | |
|-----------------------|-------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Apr-22 | Dec-22 | May-23 | Oct-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
| Alluvial Bores | | | | | | | | | | | | | |
| GW01 | 244.2 | 245.1 | 244.9 | 244.8 | 244.2 | 243.9 | 244.6 | 244.0 | 244.3 | 244.1 | 243.7 | 244.1 | 243.7 |
| GW02 | - | 243.6 | 242.8 | 242.6 | 242.3 | 242.1 | 242.3 | 242.4 | 242.5 | 242.4 | 242.6 | 243.4 | 242.9 |
| GW03 | - | 245.7 | 245.0 | 244.6 | 244.6 | 244.7 | 244.4 | 244.7 | 245.0 | 244.8 | 244.8 | 245.4 | 244.7 |
| GW-11 | - | - | - | 233.3 | 233.3 | 233.3 | 235.8 | 233.4 | 233.5 | 233.5 | 233.8 | 233.5 | 233.6 |
| GW-14 | - | - | - | - | - | - | - | 235.4 | 235.5 | 235.7 | 235.6 | 234.4 | 235.5 |
| GW-15 | - | - | - | - | - | - | - | 245.3 | 244.6 | 244.8 | 244.8 | 245.2 | 244.5 |
| GW-2 | - | - | - | - | - | 236.4 | - | 237.6 | 235.5 | 237.5 | 237.7 | 237.7 | 236.5 |
| GW-9 | - | - | - | 235.0 | 234.4 | 235.0 | 235.0 | 235.1 | 235.2 | 235.2 | 235.3 | 235.6 | 235.5 |
| SB01 | 243.8 | 244.7 | 243.9 | 243.9 | 243.7 | 243.2 | 243.4 | 243.5 | 243.8 | 243.4 | 243.6 | 244.2 | 243.8 |
| SB02 | 243.9 | 244.3 | 244.5 | 244.7 | 244.4 | 244.2 | 244.4 | 252.8^ | 244.3 | 244.2 | 244.1 | 244.3 | 244.0 |
| SB04 | 243.2 | 244.4 | 243.1 | 243.4 | 243.1 | 242.6 | 242.7 | 242.8 | 242.9 | 242.8 | 243.0 | 243.7 | 243.1 |
| SB05 | 243.8 | 245.0 | 244.2 | 244.4 | 244.0 | 243.5 | 243.8 | 243.9 | 243.8 | 243.7 | 243.8 | 244.3 | 243.9 |
| SB06 | 243.3 | 244.7 | 244.4 | 244.3 | 244.2 | 243.8 | 244.0 | 244.1 | 243.9 | 243.8 | 243.9 | 244.0 | 243.8 |
| SB07 | | 243.6 | 242.7 | 242.8 | 242.8 | 242.1 | 242.2 | 242.4 | 242.2 | 242.4 | 242.6 | 243.4 | 242.9 |
| SB08 | 243.1 | 244.2 | 243.3 | 243.2 | 243.3 | 242.8 | 242.9 | 243.1 | 243.1 | 243.0 | 243.2 | 243.9 | 243.4 |
| SB09 | 243.4 | 244.9 | 243.9 | 244.0 | 243.7 | 243.3 | 243.5 | 243.6 | 243.5 | 243.4 | 243.5 | 244.2 | 243.6 |
| SB10 | 244.0 | 244.7 | 244.1 | 244.0 | 243.9 | 243.5 | 243.6 | 243.8 | 243.7 | 243.6 | 243.8 | 244.3 | 243.8 |
| SB11 | 243.6 | 245.3 | 244.7 | 244.8 | 244.2 | 243.9 | 244.3 | 244.2 | 244.0 | 244.1 | 243.9 | 244.3 | 243.9 |
| SB15 | 244.5 | 245.6 | 245.0 | 244.7 | 244.2 | 244.0 | 244.6 | 244.2 | 244.4 | 244.2 | 243.8 | 244.2 | 243.8 |
| VNW223 | - | - | - | 230.5 | 230.6 | 230.5 | - | 231.0 | 231.3 | 231.1 | 230.7 | 230.4 | 229.9 |
| VNW394 | - | 240.3 | 240.2 | 240.6 | 240.5 | 240.5 | 240.4 | 240.2 | 240.0 | 240.1 | 240.3 | 239.8 | 240.3 |
| VNW395 | - | 241.6 | 241.8 | 241.8 | 241.7 | 241.5 | 242.5 | 241.5 | 241.4 | 241.4 | 241.6 | 241.7 | 241.6 |



| Sample Location | Groundwater Elevation (mAHD*) | | | | | | | | | | | | |
|----------------------|-------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Apr-22 | Dec-22 | May-23 | Oct-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
| WR1 | - | - | - | - | - | 235.1 | 235.1 | 235.3 | 237.7 | 235.2 | 235.3 | 235.2 | 235.3 |
| WR2 | - | - | - | - | - | 235.0 | 234.8 | 234.8 | 235.2 | 234.6 | 235.0 | 235.2 | 235.1 |
| GW971400 | - | - | - | - | - | - | - | 240.2 | - | - | - | 240.6 | 240.1 |
| GW971614 | - | - | - | - | - | - | - | 241.8 | 241.7 | - | - | 242.6 | - |
| Permian Bores | | | | | | | | | | | | | |
| GW-10 | - | - | - | - | - | - | - | 261.2 | 260.5 | - | 260.7 | 263.7 | 260.8 |
| GW-13 | - | - | - | - | - | - | - | 234.4 | 237.5 | 234.4 | 234.4 | 234.4 | 234.5 |
| GW-4 | - | - | - | - | - | - | - | 234.7 | 234.9 | 234.7 | 234.9 | 234.9 | 235.0 |
| GW-6 | - | - | - | - | - | - | - | 240.2 | 240.4 | 240.4 | 240.5 | - | 240.6 |
| GW-7 | - | - | - | 235.9 | 235.9 | 235.8 | 235.8 | 235.9 | 236.0 | 236.5 | 235.9 | 236.1 | 236.2 |
| GW-8 | - | - | - | 240.9 | 240.9 | 241.0 | 241.0 | 240.8 | 240.5 | 239.3 | 240.6 | 237.2 | - |
| MD01 | - | 247.4 | 247.8 | 247.8 | 247.9 | 247.5 | 247.8 | 246.7 | 245.9 | 245.3 | 246.5 | 247.5 | 248.1 |
| MD02 | - | 256.6 | 257.0 | 257.3 | 257.6 | 257.7 | 257.8 | 257.1 | 256.3 | 255.4 | 254.9 | 254.1 | 255.5 |
| TR18 | - | 246.8 | 246.5 | 246.9 | 246.7 | 246.6 | 246.5 | 246.6 | 246.7 | 246.6 | 246.6 | 246.7 | 246.7 |
| TR26 | - | 246.7 | 246.8 | 246.9 | 247.0 | 246.9 | 246.8 | 246.9 | 246.9 | 246.9 | 246.9 | 247.0 | 246.9 |
| TR35 | - | 247.2 | 247.2 | 247.3 | 247.2 | 246.9 | 246.8 | 246.9 | 247.1 | 246.8 | 247.0 | 240.3^ | 246.9 |
| TR7 | - | 246.2 | 246.1 | 246.3 | 246.3 | 246.2 | 245.0 | 246.2 | 246.3 | 246.2 | 246.3 | 246.4 | 246.3 |
| VKY034C | - | 248.6 | 248.5 | 248.8 | 248.2 | 249.1 | 248.3 | 248.2 | - | 246.0 | 245.4 | 243.5 | 242.3 |
| VKY035C | - | 249.1 | 249.5 | 249.5 | 249.5 | 249.6 | 248.9 | 249.4 | 249.4 | 248.7 | 248.0 | 257.4^ | 247.7 |
| VKY036C | - | 249.8 | 251.8 | 249.8 | 249.1 | 249.5 | 249.2 | 249.2 | 248.7 | - | 246.5 | 249.0 | 243.3 |
| VKY042C | - | 250.5 | 250.7 | 250.6 | 250.3 | 250.6 | 250.5 | 250.3 | 250.1 | 249.8 | 249.2 | 249.0 | 247.8 |
| VKY043C | - | 248.2 | 249.0 | 248.9 | 248.8 | 249.4 | 248.9 | 249.2 | 248.6 | 248.3 | 248.2 | 246.9 | 245.2 |
| VNW390 | - | 243.4 | 243.4 | 243.4 | 243.4 | 243.3 | 243.3 | 243.2 | 243.2 | 243.1 | 243.2 | 243.3 | 243.4 |
| VNW391 | - | 243.3 | 243.4 | 243.4 | 243.3 | 243.2 | 243.2 | 243.3 | 243.1 | 243.1 | 243.2 | 243.2 | 243.3 |
| VNW392 | - | 243.4 | 243.5 | 243.4 | 243.4 | 243.2 | 243.2 | 243.2 | 243.2 | 243.1 | 243.2 | 243.2 | 243.3 |



| Sample Location | Groundwater Elevation (mAHD*) | | | | | | | | | | | | |
|-----------------|-------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | Apr-22 | Dec-22 | May-23 | Oct-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 |
| VNW393 | - | 242.1 | 242.2 | 242.2 | 242.2 | 242.1 | 242.1 | 242.0 | 241.9 | 241.9 | 242.2 | 242.2 | 242.4 |

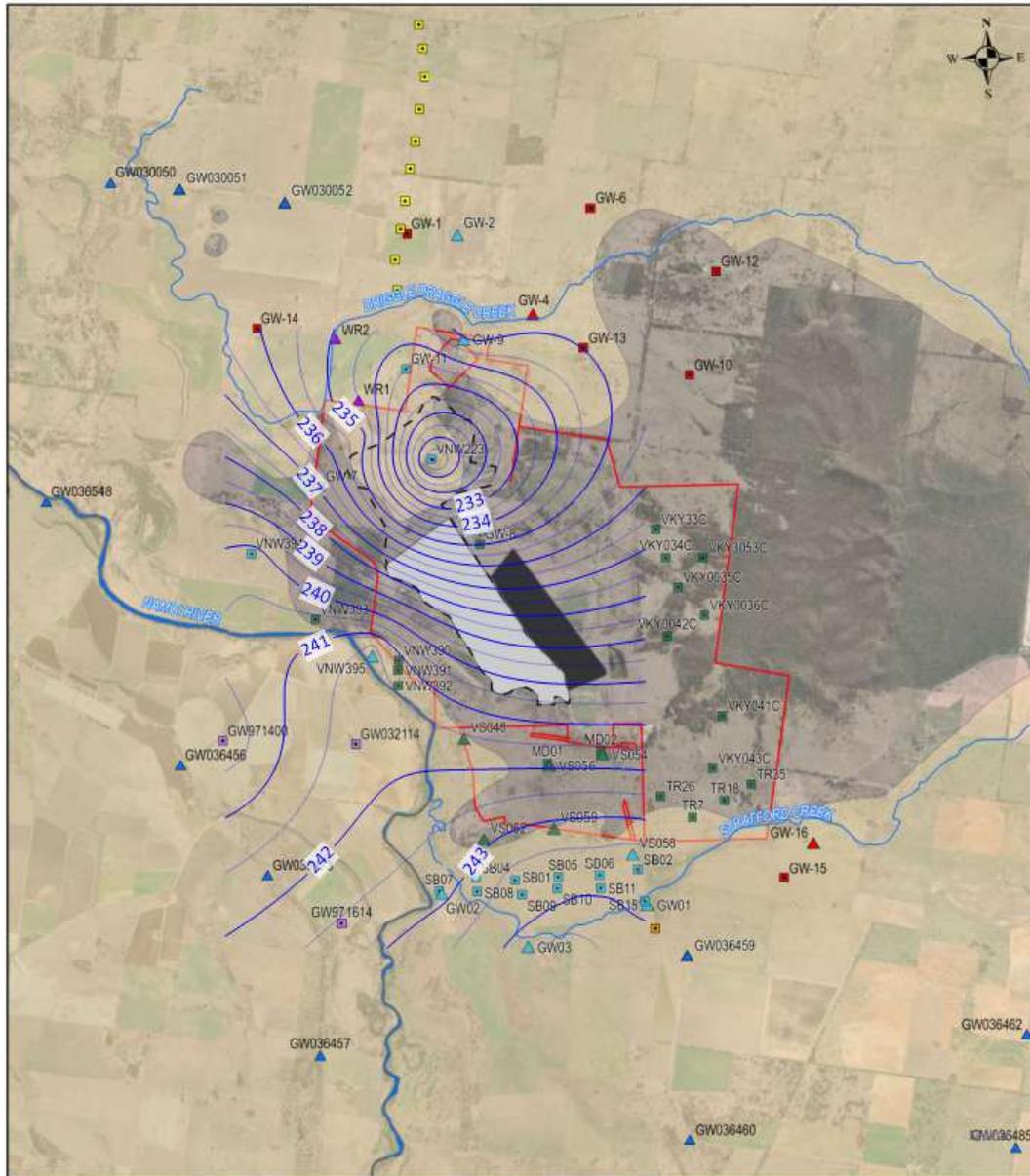
*mAHD: metres Australian Height Datum.

^Reading considered outlier/error.

GW-6 found cropped in October 2025 monitoring round and monitoring resumed in January 2026 round.

GW-8 was not monitored in January 2026 monitoring round.





WHITEHAVEN COAL PTY LTD
Groundwater Monitoring Locations

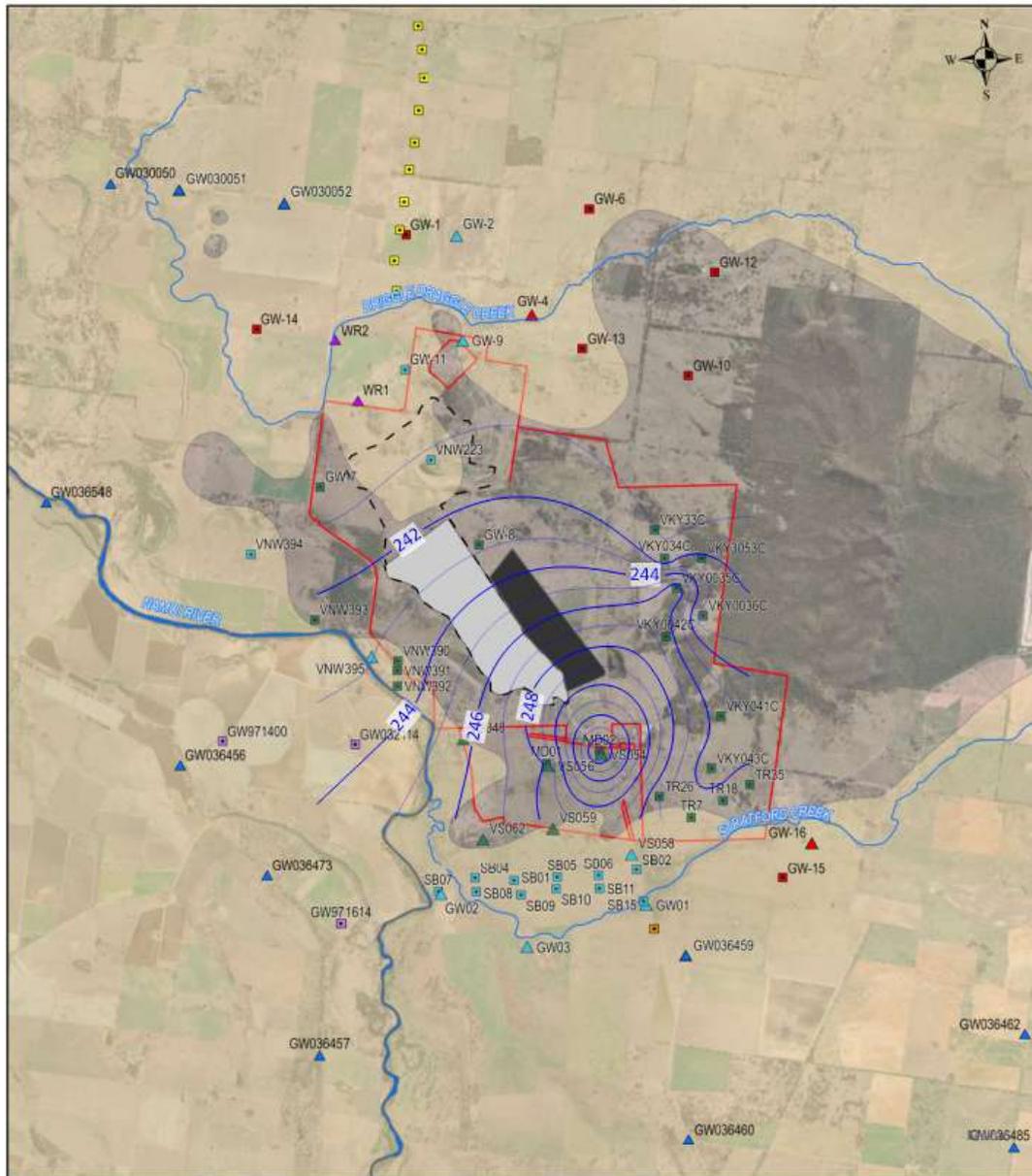
Paper size A4
 Scale: 1:80,000
 500 0 500 1000 1500 2000 2500 3000
 Metres
 Spatial Reference
 Name: GDA 1994 MGA Zone 56
 Datum: GDA 1994
 Projection: Transverse Mercator
 Date Exported: 25/07/2023 10:15 AM

Legend

- ▲ Government monitoring wells
 - Vicky northern borefield (proposed)
 - VEP bore
 - ▲ Proposed seepage monitoring locations
 - Private bore
 - Proposed monitoring location
 - ▲ Proposed monitoring location (data logger)
 - Permian
 - ▲ Alluvial (data logger)
 - ▲ Permian (data logger)
 - Yr 2 overburden emplacement
 - Yr 5 overburden emplacement
 - Mine lease
 - Yr 5 Mining Pit
 - Geology
 - Alluvial
- VEP Monitoring locations**
- Geo logical Unit
 - Alluvial

Figure 5 Alluvial groundwater contour map (January 2026)





WHITEHAVEN COAL PTY LTD
Groundwater Monitoring Locations

Paper size A4
Scale: 1:80,000

500 0 500 1000 1500 2000 2500 3000
 Metres

Spatial Reference
 Name: GDA 1994 MGA Zone 56
 Datum: GDA 1994
 Projection: Transverse Mercator
 Date Exported: 25/07/2023 10:15 AM

Legend

- ▲ Government monitoring wells
- Vicky northern borefield (proposed)
- VEP bore
- ▲ Proposed seepage monitoring locations
- Private bore
- Proposed monitoring location
- ▲ Proposed monitoring location (data logger)
- Permian
- ▲ Alluvial (data logger)
- ▲ Permian (data logger)
- Yr 2 overburden emplacement
- Yr 5 overburden emplacement
- Mine lease
- Yr 5 Mining Pit

VEP Monitoring locations

Geological Unit

- Alluvial
- Geology
- Alluvial

Figure 6 Permian aquifer groundwater level contour map (January 2026)



2.4.1.3 Data Loggers

A summary of the available logger data is presented in **Table 3**. An example of a logger and manual water level plot is provided in **Figure 7**, with the full suite of plots provided in **Appendix B**.

Table 3: Summary of logger data availability

| Bore ID | Logger Type | Recording Period | Number of Data Points | Comments |
|------------|---------------------------|---|-----------------------|--|
| GW01 | VWP | 10/10/2023 – 04/01/2026 | - | Data were not adopted due to significant drifting in logger readings, with generally unrealistic water levels results (i.e., above ground level). Sensor is considered malfunctioned; further investigation required. |
| GW02 | VWP | 15/11/2023 – 04/01/2026 | - | Data were not adopted due to significant drifting in logger readings, with generally unrealistic water levels results (i.e., above ground level). Sensor is considered malfunctioned; further investigation required. |
| GW03 (30m) | VWP (01-10-6743) | 17/01/2024 – 18/08/2024; 05/12/2024 – 05/01/2026 | 4,864 | Notable disparity between manual dip and logger. A site inspection of GW03 was conducted on 22 December 2025. The open standpipe was found to be fitted with a V-logger VWP sensor. It is recommended that the VWP sensor be replaced with a standalone logger. |
| GW-9 | Logger (Rugged TROLL 100) | 24/04/2020 – 09/01/2026 | 2,556 | A 0.3-metre difference between manual dips and logger data observed during January 2026 monitoring round. To be reviewed in the following monitoring round. |
| VNW395 | Logger (Rugged TROLL 100) | 17/01/2024 – 17/04/2024; 22/12/2025 – 07/01/2026 | 336 | Continuous water level monitoring resumed on 12 December 2025. |
| TR7 | Logger (Rugged TROLL 100) | 17/03/2012 – 19/03/2014; 03/06/2020 – 17/04/2024; 25/07/2024 – 04/01/2026 | 2,239 | Logger data is not available in July 2024 monitoring round; Logger file was named as SB07 in January 2025 monitoring round, and SB01 (TR7) in October 2025 round; however, considered to be typo as the historical record matched with bore TR7. The reading showed drifting since March 2025. |
| TR18 | Logger (Rugged TROLL 100) | 16/04/2020 – 04/07/2024 | 1,939 | Logger data was not available since July 2024. |
| VKY034C | Logger (Rugged TROLL 100) | 07/01/2020 – 08/01/2026 | 8,657 | - |
| VKY035C | Logger (Rugged TROLL 100) | 04/11/2020 – 08/01/2026 | 7,399 | Logger data was not available in the January 2025 monitoring round |



| Bore ID | Logger Type | Recording Period | Number of Data Points | Comments |
|---------------------------------|--------------------------------|--|-------------------------------------|---|
| VKY036C | Logger (Rugged TROLL 100) | 07/01/2020 – 08/01/2026 | 9,057 | The logger is likely positioned above the water table within the well. Manual dips indicated ongoing drawdown. Hydrograph at VKY036C is provided in Figure 7 . |
| VKY041C (38, 51, 70, 95, 115 m) | VWP (DT2055-02027) | 11/03/2015 – 04/01/2026 | - | Calibration factors and sensor depths to be confirmed. |
| VKY041C (140, 170, 199 m) | VWP (DT2055-02023) | 11/03/2015 – 04/01/2026 | - | Calibration factors and sensor depths to be confirmed. |
| VKY042C | Logger (Rugged TROLL 100) | 04/11/2020 – 08/01/2026 | 7,384 | - |
| VKY043C | Logger (Rugged TROLL 100) | 07/01/2020 – 13/07/2023 | 5,135 | Logger stopped reading in July 23 |
| VKY3053C | VWP | 04/03/2020 – 17/01/2024 | | The borehole was removed as a result of mining progress. |
| VKY33C (38, 51, 70, 95, 115m) | VWP (DT2055-02087) | 11/03/2015 – 07/01/2026 | - | Calibration factors and sensor depths to be confirmed. |
| VKY33C (140, 170, 190m) | VWP (DT2055-02029) | 11/03/2015 – 07/01/2026 | - | Calibration factors and sensor depths to be confirmed. |
| VS048 (30m) | VWP | 17/06/2011 – 15/06/2012; and 04/03/2020 – 06/01/2026 | 7,711 | - |
| VS054 (23, 96, 120, 167m) | VWP (SN11-1769/1776/1770/1772) | 17/06/2012 – 15/06/2012; and 16/11/2023 – 07/01/2026 | ~6,096/sensor | The temperature sensor located at VS054-167m exhibited a malfunction. |
| VS056 (25, 100m) | VWP (SN11-1765/1771) | 04/03/2020 – 06/01/2026 | VS056-25m: 8,316; VS056-100m: 1,884 | - |
| VS058 (18, 88, 159m) | VWP (SN11-1768) | 16/04/2020 – 05/01/2026 | ~8,354/sensor | |
| VS059 (30, 65, 113m) | VWP | 16/04/2020 – 05/01/2026 | ~8,358/sensor | |
| VS062 (30m) | VWP | 12/02/2021 – 04/01/2026 | 10,662 | |
| WR-1 | Logger (Rugged TROLL 100) | 30/04/2024 - 09/01/2026 | 2,488 | - |
| WR-2 | Logger (Rugged TROLL 100) | 30/04/2024 - 09/01/2026 | 2,475 | - |



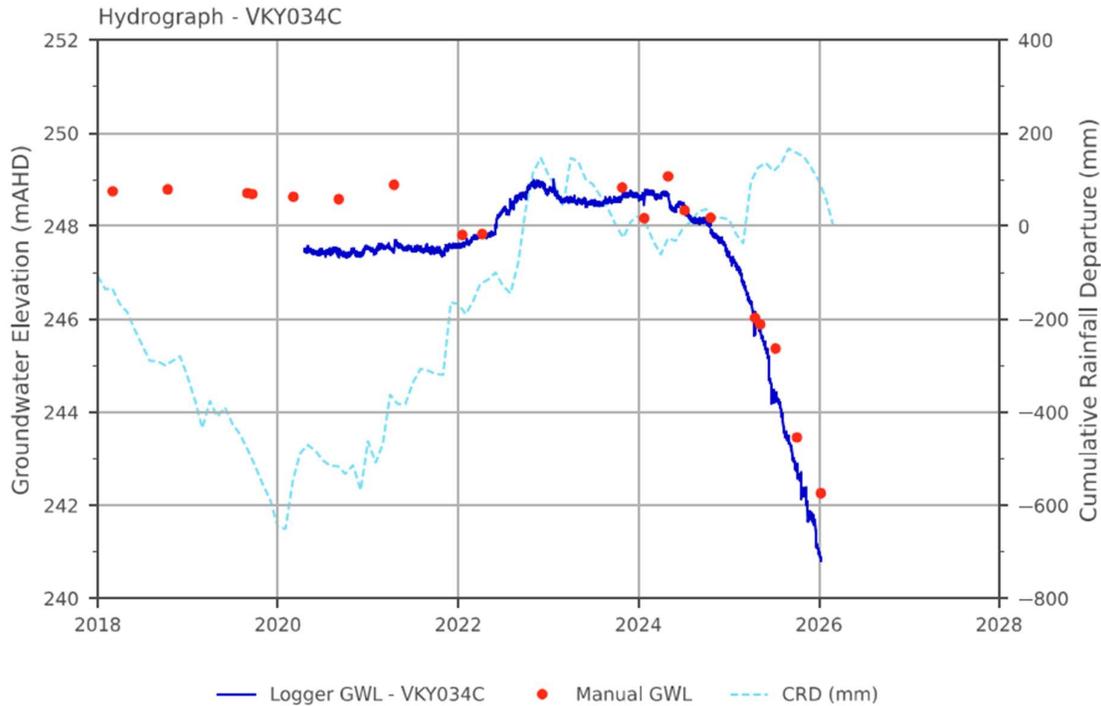


Figure 7: Logger hydrograph – VKY034C

2.4.2 TARP Trigger Level Summary

2.4.2.1 Alluvial aquifer

Groundwater levels in the alluvial bores showed minor variation between October 2025 and January 2026. The January 2026 average water level was approximately 240.8 metres Australian Height Datum (mAHD), ranging from 229.9 mAHD at VNW223 to 244.7 mAHD at GW03. A slight overall decline was recorded across most bores, with four bores showing small increases. The largest decreases occurred at GW-2 (1.1 m) and GW03 (0.66 m), though both remained within historical ranges. Bores that recorded the greatest decreases in October 2025 (GW-14 and VNW394) showed increases this round, indicating natural climatic variation rather than persistent drawdown.

No trigger level exceedances were recorded in the alluvial aquifer bores. **Figure 8** presents the hydrographs for the alluvial bores with established groundwater triggers. These are presented as depth below ground level, as per the current GWMP.



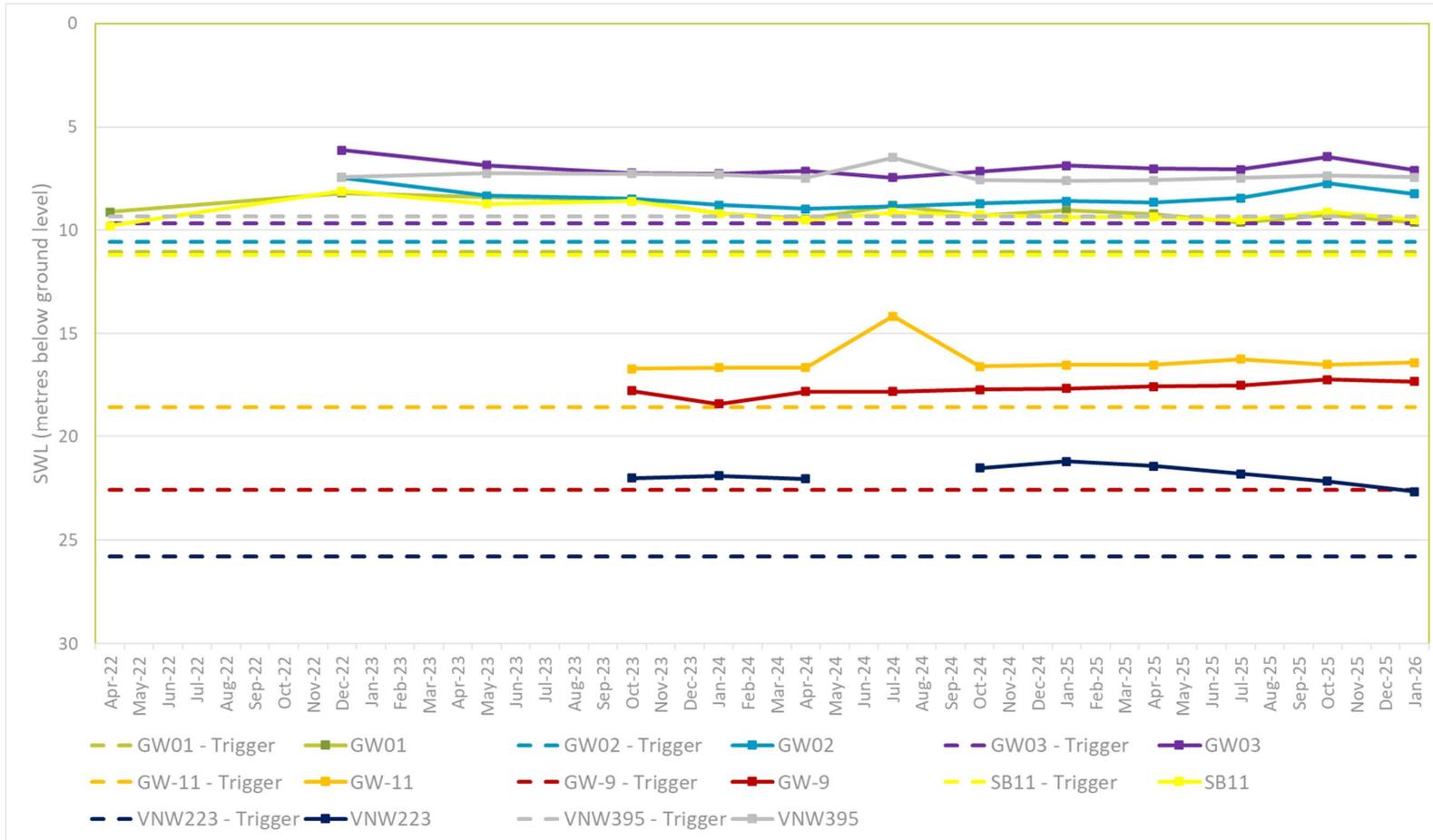


Figure 8 Alluvial hydrographs and triggers, as depth below ground level



2.4.2.2 Permian aquifer

Groundwater levels in the Permian aquifer bores generally remained within historical ranges between October 2025 and January 2026, with the following exceptions:

- MD02: Although MD02 recorded a 1.45 m increase since October 2025, the January 2026 level (255.5 mAHD) remains at the lower end of its historical range. Levels declined from 257.8 mAHD in July 2024 to 254.1 mAHD in October 2025, compared with a pre-July 2024 range of 256.6–257.7 mAHD. Continued monitoring is recommended to confirm the trend.
- VKY series bores: Ongoing drawdown persists at VKY034C, VKY035C, VKY036C, VKY042C and VKY043C, located east of the open cut. These bores lie within the mining footprint and have predicted drawdown exceeding bore depth.
- TR series bores: Minor decreases (<0.14 m) were observed at TR7, TR18, TR26 and TR35, south of the mining extent. These variations are considered following natural variations. Water levels in the TR series have remained stable since monitoring commenced in December 2022.

No trigger level exceedances were recorded in the Permian aquifer bores. presents the hydrographs for the Permian bores with established groundwater triggers. These are presented as depth below ground level, as per the current GWMP.



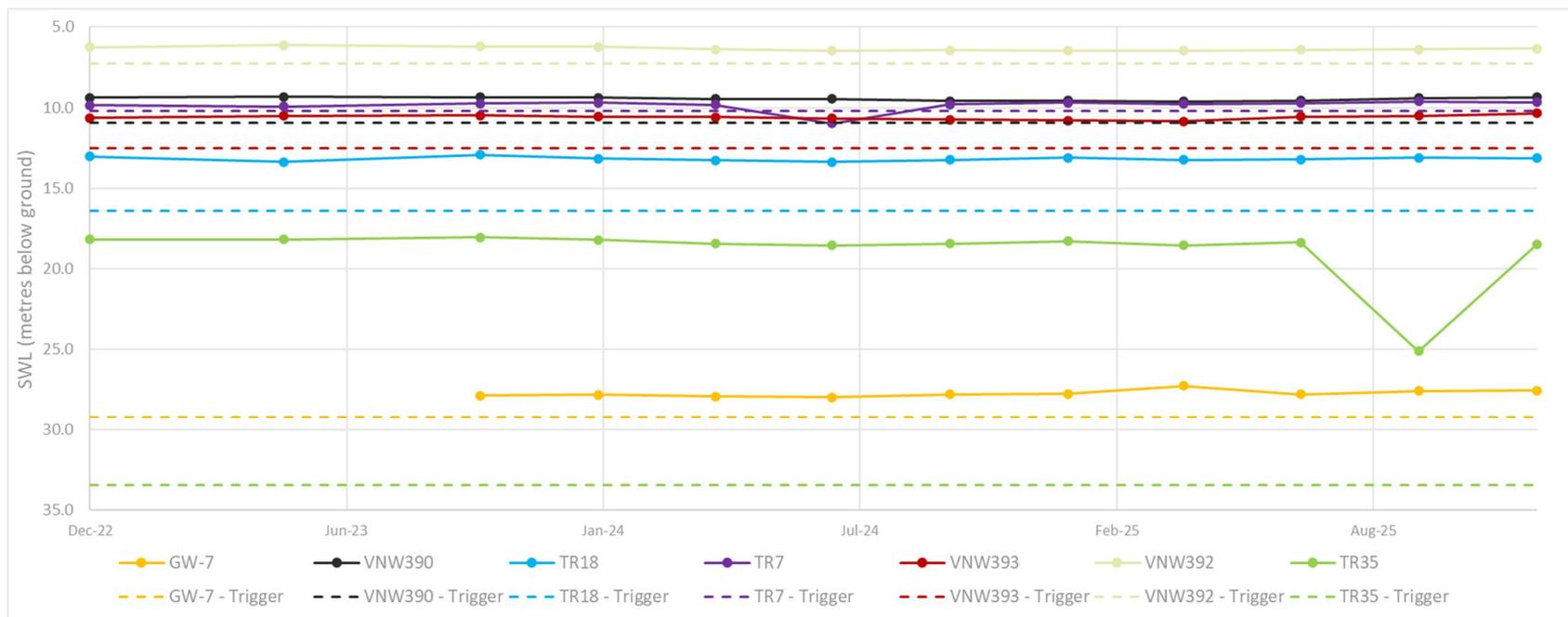


Figure 9 Permian hydrographs and trigger, as depth below ground level



2.4.2.3 Discussion

Coal extraction continues to intersect groundwater, and observation of groundwater flux into the pit is ongoing. The recent monitoring round coincided with below-average rainfall in the past two months, with November 2025 recording average rainfall. Groundwater levels, particularly in the alluvial bores, have historically correlated strongly with rainfall trends; therefore, any interpretation of current trends must consider both mining activities and prevailing climatic conditions.

Within the area of approved drawdown (i.e. encompassing bores with approved levels of drawdown and consequently no trigger values assigned) there is an apparent commencement of drawdown (groundwater levels trending down) which is likely to be resultant from mining operations within this reporting period. This aligns with predicted and approved groundwater level effect.

Review of trigger levels as per the WMP against groundwater level observations does not indicate any breach in trigger levels. Therefore, the groundwater levels do not result in the enactment of the TARPs.

2.5 Groundwater Quality and Exceedance Summary

Routine groundwater monitoring commenced in October 2023 and continues quarterly. The full January 2026 field and laboratory suite results are summarised in **Appendix C**.

The TARP enacted, as set out in Table 8-3 of the GWMP, during the reporting period are summarised in **Table 4**. **Appendix D** provides an overview of all monitoring rounds to date compared to the interim trigger values or ANZECC default guideline values for slightly to moderately disturbed ecosystems.

Except for the pH result in TR7 and the EC levels in TR7 and GW03, all triggers identified during this reporting period are based on either interim trigger levels or ANZECC default guideline values. These trigger levels were defined using standard guideline values and, consequently, do not necessarily reflect local natural conditions. A review of the trigger values has been undertaken, and new values will be adopted once the GWMP and encompassed TARPs are updated and take effect.

GW03

Figure 10 **Piper Diagrams** presents the field and laboratory EC results for GW03, together with concurrent groundwater level data. In the January 2026 round, field EC measurements decreased to below the trigger value of 811 $\mu\text{S}/\text{cm}$, representing the first notable reduction since exceedances were first observed in October 2023. However, the corresponding laboratory EC result remained above the trigger, consistent with the elevated range (approximately 860–1,000 $\mu\text{S}/\text{cm}$) recorded since October 2023.

Under the TARP, exceedance assessments are based on validated laboratory results; therefore, despite the reduction in field EC, the January 2026 laboratory EC confirms that the trigger exceedance at GW03 remains active.

Notably, several bores in this monitoring round also showed field EC values lower than their corresponding laboratory EC values, suggesting that the accuracy or consistency of field EC measurements warrants review. This may relate to calibration drift, probe performance, temperature-compensation differences, or recent hydrological variability affecting in-situ readings.

Laboratory EC has been relatively stable, fluctuating around the same 800 – 900 $\mu\text{S}/\text{cm}$ since October 2023 – which is consistent with the concentration recorded initially in September 2019 (prior to mining commencing). The lack of ongoing rising or declining



trends, commensurate with the timing of mining operations indicates that the fluctuations observed are likely reflective of natural conditions. A potential delayed alignment between changes in groundwater level and subsequent variations in EC is observed, indicating potential mobilisation of salts from surrounding strata into the groundwater as water levels rise.

On this basis, and considering the laboratory EC exceedance, the TARP remains enacted for GW03, although it is unlikely to be mining induced. Unlike TR7, discussed below, the notable fluctuation does warrant further investigation and hence the TARP will remain enacted for this reporting period. However, as per the above discussion, it is unlikely to be mining induced or represent regional deterioration in groundwater quality. Ongoing monitoring and review is required to confirm this prior to rescind the enactment.

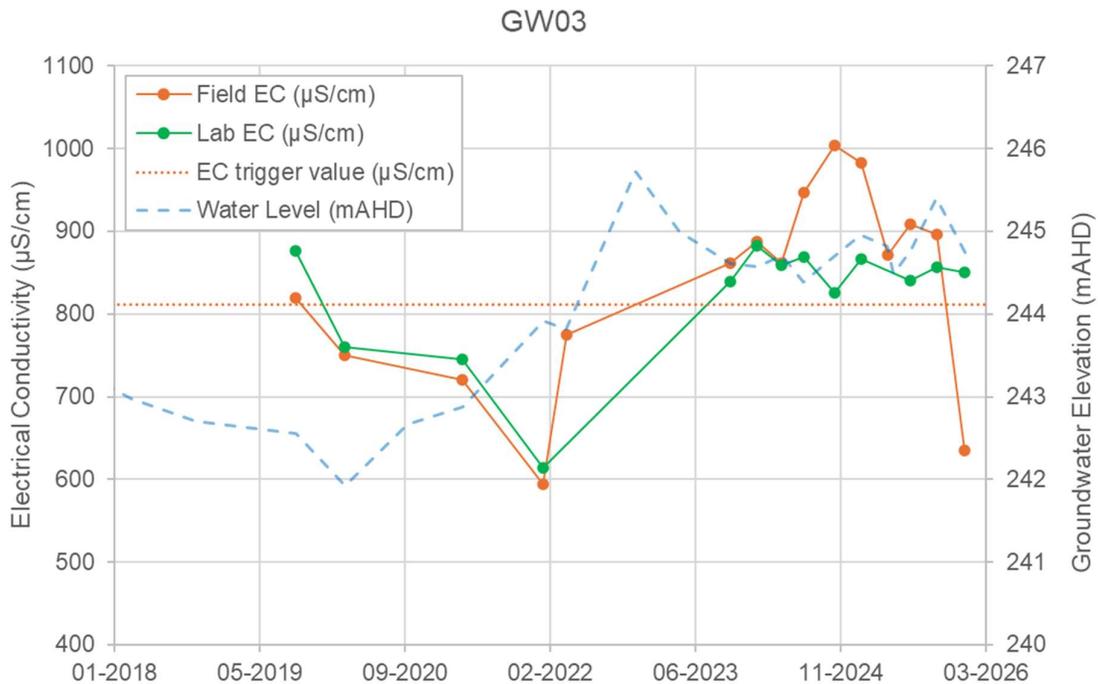


Figure 10 EC time series plot for GW03

TR7

Results for TR7 in the January 2026 round were consistent with the patterns previously reported. Both pH and EC again exceeded the existing trigger values (see **Figure 11**); however, no new departures from the established baseline were observed. Given the stability of these parameters over time and the lack of any meaningful variation since October 2023, the exceedances are not considered environmentally significant, rather reflect inappropriate triggers and natural conditions.

Consistent with previous assessments, the TARP is not enacted for TR7, and updated site-specific trigger values will be adopted as part of the upcoming GWMP and TARP revision.



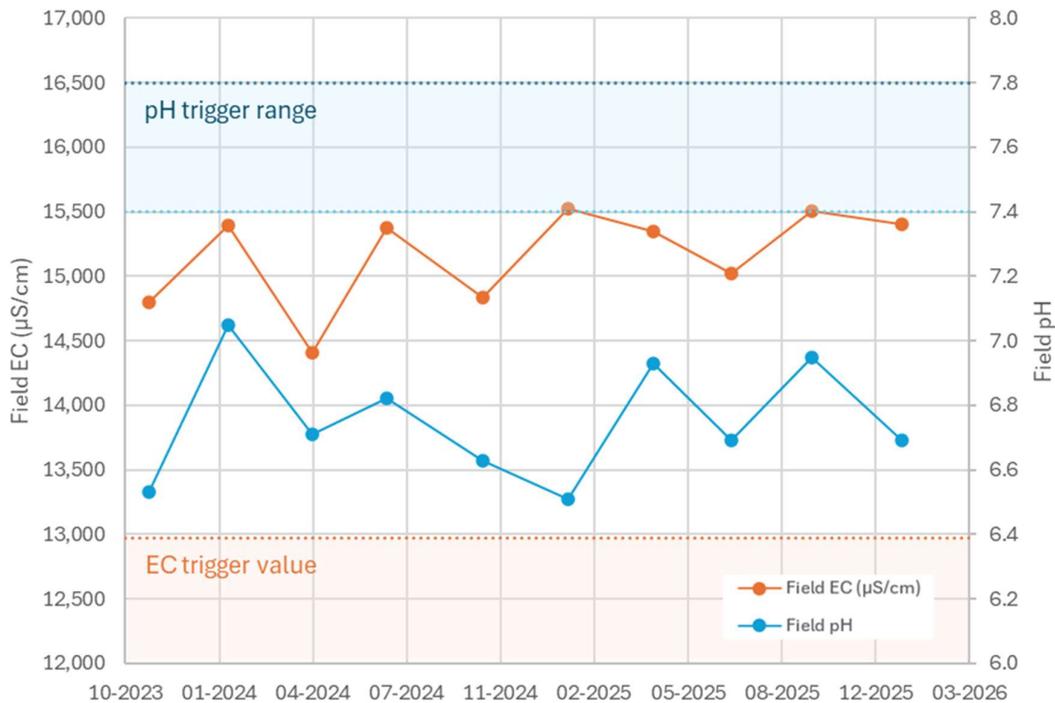


Figure 11 TR07 temporal EC and pH plot

2.5.1 Piper Diagrams

In addition to the temporal plots, piper diagrams are developed to present the geochemical signature of groundwater. Piper plots will continue to be prepared for both the alluvial and Permian aquifers to compare the geochemical signature over time.

Figure 12 and Figure 13 show the piper diagrams for the alluvial and Permian groundwater respectively. Where data was available, the July 2024 and January 2026 data has been presented for analysis of trending change in geochemistry across the suite of bores. The piper plots show no trending variation between historical and current geochemical signature.

Although, as per the GWMP trigger level, exceedances are identified. These are not considered reflective of actual changes in groundwater conditions, excluding EC at GW03. This is supported by review of the individual temporal plots that do not indicate consistent increasing or decreasing trends over time, or across multiple locations. Additionally, there is no correlation with groundwater level trends (as groundwater is typically stable). The piper plots also support no notable shift in groundwater quality. The trigger ‘exceedances’ are reflective of trigger levels inappropriate for the local groundwater, rather than reflecting potential impacts from mining activities or showing changes in water quality.

Consequently, the groundwater quality results indicate a ‘normal condition’ TARP response, except for EC at GW03, which can be considered a Level 1 trigger.



Table 4 Summary of TARP triggers

| Bore | Para. | Unit | Trigger Level | Oct-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
|-------|----------|---------|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------------------|
| GW-15 | Field pH | pH unit | 6.9-8.3* | - | - | - | - | 8.97 | 8.85 | 8.96 | 8.88 | 9.15 | 9.15 |
| TR7 | | | 7.4-7.8 | 6.53 | 7.05 | 6.71 | 6.82 | 6.63 | 6.51 | 6.93 | 6.69 | 6.95 | 6.69 |
| GW03 | Field EC | µS/cm | 811 | 862 | 888 | 862 | 947 | 1,004 | 983 | 872 | 909 | 896 | Field: 635; Lab: 850 |
| TR18 | | | 12,315* | 13,400 | 13,640 | 12,730 | 15,350 | 13,820 | 13,810 | 13,620 | 14,060 | 13,520 | Field: 9,310; Lab: 13,300 |
| TR35 | | | 12,315* | 15,300 | 17,330 | 16,740 | 17,260 | 16,690 | 18,320 | 16,180 | 17,160 | 16,950 | Field: 12,090; Lab: 16,600 |
| TR7 | | | 12,970 | 14,800 | 15,390 | 14,410 | 15,380 | 14,840 | 15,520 | 15,350 | 15,020 | 15,510 | Field: 11,860; Lab: 15,400 |
| WR1 | | | 10,083* | - | - | 26,500 | 26,800 | 26,800 | 25,400 | 27,300 | 25,580 | 23,500 | 20,500 |
| WR2 | | | 10,083* | - | - | 25,340 | 26,600 | 26,600 | 27,900 | 26,100 | 26,800 | 22,900 | 19,790 |
| GW-7 | | | SO4 ²⁻ | mg/L | 86* | 364 | 385 | 399 | 380 | 396 | 414 | 354 | 362 |
| GW-14 | 365* | - | | | - | - | - | 435 | 462 | 483 | 383 | 394 | 458 |
| SB02 | 365* | 1,120 | | | - | 1,160 | 741 | 1,110 | 1,280 | 1,110 | 1,080 | 928 | 1,050 |
| SB05 | 365* | 735 | | | 551 | 520 | 595 | 496 | 447 | 380 | 400 | 463 | 513 |
| TR18 | 86* | 702 | | | 620 | 592 | 622 | 626 | 630 | 552 | 644 | 602 | 678 |
| TR26 | 86* | 194 | | | 230 | 180 | 198 | 195 | 229 | 217 | 211 | 180 | 196 |
| TR35 | 86* | 660 | | | 651 | 622 | 624 | 624 | 526 | 562 | 631 | 611 | 650 |
| TR7 | 365* | 508 | | | 714 | 501 | 518 | 563 | 458 | 507 | 702 | 517 | 559 |



| Bore | Para. | Unit | Trigger Level | Oct-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
|----------|----------|------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| VKY034C | | | 86* | 123 | 185 | 116 | 98 | 90 | 115 | 117 | 138 | 94 | 106 |
| VKY036C | | | 86* | 244 | 294 | 281 | 100 | 174 | 190 | 174 | 149 | 168 | 218 |
| VKY042C | | | 86* | 302 | 309 | 312 | 283 | 326 | 307 | 316 | 314 | 304 | 298 |
| VNW390 | | | 86* | 95 | 95 | 106 | 55 | 104 | 107 | 106 | 102 | 87 | 91 |
| VNW392 | | | 86* | - | 284 | 296 | 263 | 314 | 300 | 266 | 313 | 285 | 126 |
| VNW393 | | | 86* | 179 | 185 | 200 | 165 | 202 | 205 | 212 | 197 | 178 | 170 |
| VNW394 | | | 365* | - | 551 | 560 | 574 | 591 | 498 | 535 | 573 | 582 | 591 |
| WR1 | | | 365* | - | - | 1,320 | 901 | 1,280 | 1,490 | 1,120 | 1,250 | 1,100 | 1,050 |
| WR2 | | | 365* | - | - | 1,540 | 1,120 | 1,670 | 1,790 | 1,250 | 1,480 | 1,340 | 1,240 |
| GW971400 | | | 365* | - | - | - | - | 425 | 477 | 355 | - | 437 | 464 |
| GW-2 | Chromium | mg/L | 0.001 | - | - | <0.001 | - | 0.003 | 0.002 | 0.004 | 0.003 | 0.003 | 0.004 |
| TR35 | Cobalt | mg/L | 0.0014 | - | 0.007 | 0.01 | 0.011 | 0.01 | 0.008 | 0.006 | 0.002 | 0.007 | 0.005 |
| TR7 | | | | - | 0.008 | 0.004 | 0.008 | 0.004 | 0.005 | 0.003 | 0.003 | 0.004 | 0.006 |
| VNW392 | | | | - | 0.003 | 0.003 | 0.003 | 0.003 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 |
| VNW394 | | | | - | 0.011 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| WR2 | | | | - | - | <0.001 | 0.008 | 0.018 | 0.014 | 0.01 | 0.015 | 0.01 | 0.005 |
| GW-10 | Copper | mg/L | 0.0014 | - | - | - | - | 0.114 | - | 0.141 | 0.106 | 0.118 | 0.094 |
| TR35 | | | | - | 1.24 | 1.73 | 7.09 | 8.23 | - | 0.844 | 1.17 | 4.67 | 0.546 |
| TR7 | | | | - | 0.863 | 0.346 | 0.471 | 1.59 | - | 0.387 | 1.44 | 1.25 | 0.194 |
| TR7 | Nickel | mg/L | 0.011 | - | 0.39 | 0.118 | 0.272 | 0.045 | 0.024 | 0.053 | 0.025 | 0.02 | 0.011 |
| WR1 | | | | - | - | 0.004 | 0.037 | 0.024 | 0.024 | 0.094 | 0.03 | 0.026 | 0.021 |
| WR2 | | | | - | - | 0.004 | 0.118 | 0.087 | 0.158 | 0.22 | 0.025 | 0.039 | 0.076 |
| GW-10 | Zinc | mg/L | 0.008 | - | - | - | - | 0.072 | 0.116 | 0.13 | 0.115 | 0.07 | 0.102 |
| GW-11 | | | | - | 0.0075 | 0.012 | 0.043 | 0.043 | 0.034 | 0.059 | 0.041 | 0.024 | 0.037 |
| GW-13 | | | | - | - | - | - | 0.019 | 0.02 | 0.144 | 0.049 | 0.019 | 0.031 |



| Bore | Para. | Unit | Trigger Level | Oct-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
|---------|-------|------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| GW-14 | | | | - | - | - | - | 0.095 | 0.031 | 0.077 | 0.087 | 0.035 | 0.073 |
| MD01 | | | | - | 0.31 | 0.213 | 0.106 | 0.049 | 0.014 | 0.034 | 0.012 | 0.01 | 0.007 |
| TR35 | | | | - | 0.015 | 0.030 | 0.02 | 0.017 | 0.009 | 0.011 | 0.01 | 0.033 | 0.015 |
| VKY034C | | | | - | <0.005 | 0.012 | 0.005 | 0.023 | 0.014 | 0.013 | 0.092 | 0.02 | <0.005 |

* Interim water quality triggers adopted (as insufficient data has been recorded) based on all data for that geology.

- No data available.

Red text shows exceedance of trigger level. Highlighted cell shows trigger level 1 as defined by TARP in the GWMP (Appendix A).



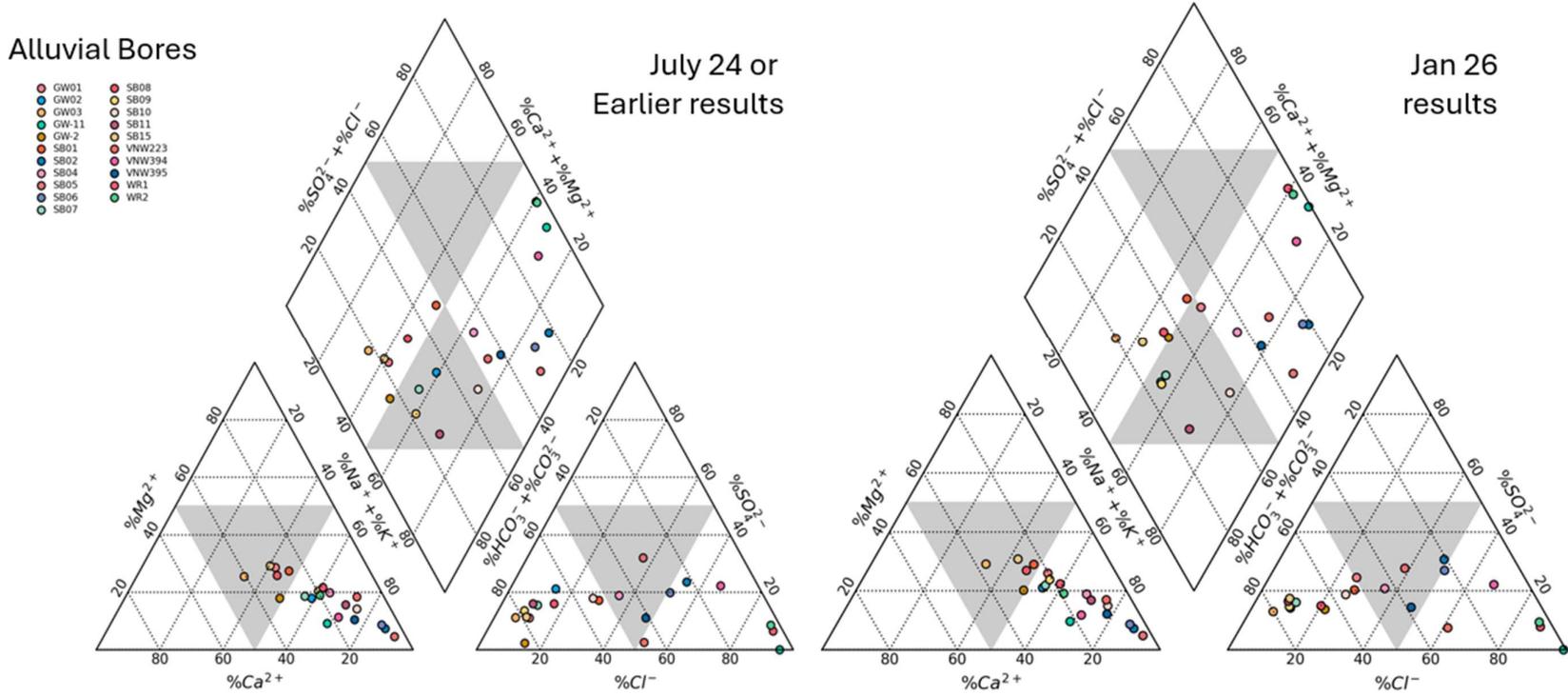


Figure 12 Alluvial groundwater piper plots

* Note: GW-2 water chemistry data are from April 24 and VNW223 from Oct 23



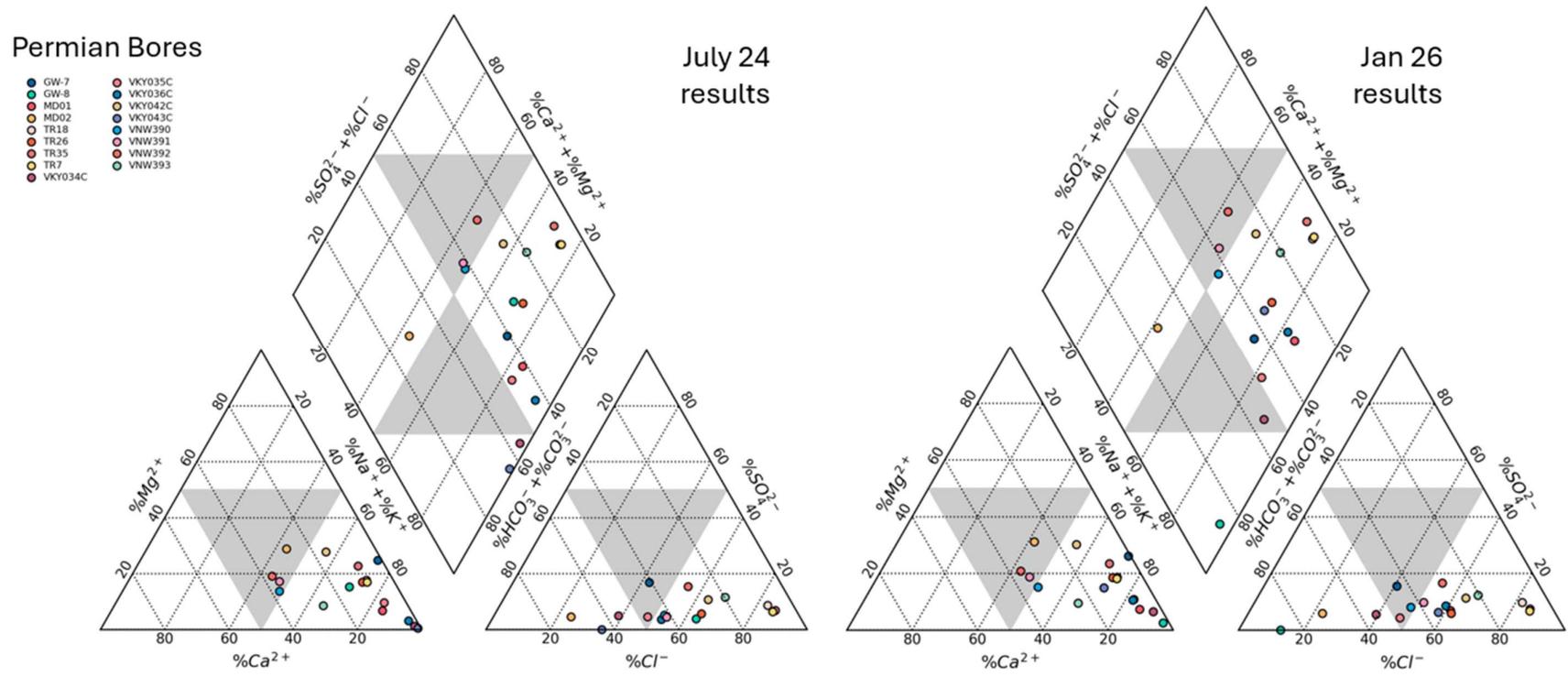


Figure 13 Permian groundwater piper plots



3.0 Action and Response

Based on the results summary presented in **Section 2.0**, groundwater level and groundwater quality are considered “Normal Conditions” for all monitoring bores and parameters, excluding EC at GW03. The appropriate level actions and responses are summarised in **Table 5**.

Table 5 Summary of Trigger Actions and Responses

| Action / Response from Groundwater Quality TARP | Whitehaven Response |
|---|---|
| Actions | |
| Normal Condition Continue monitoring and review of data as per monitoring program. | Monthly monitoring and review of data is ongoing according to the monitoring program. No further action required. |
| Level 1 TARP (EC at GW03) Actions as required for Normal Condition. Re-sample of groundwater quality within seven days | Whitehaven will resample the EC at GW03 and provide results in next quarterly reporting. |
| Responses | |
| Normal Condition No response required. | No response required. |
| Level 1 TARP (EC at GW03) Report exceedances in Annual Review | Notification of exceedances will be included in the 2025 and 2026 Annual Review. |

4.0 Recommendations

Table 6 provides a summary of the historical recommendations, from Annual and prior quarterly reporting, with a comment on their current status.

Table 6 Summary and status of recommendations to date

| Recommendation | Cited | Status |
|--|----------------------|--|
| Continue the monitoring program and the quarterly reporting on groundwater levels and quality as outlined in the GWMP. | 2023 Annual Review | ONGOING: ongoing monitoring and reporting established. |
| Review logger data from TR7, GW01, and GW02 as appears erroneous, and replace as necessary. | April 2024 Quarterly | ONGOING: Loggers review underway. |
| Verify sensor depths for all VWP in the network to assist with groundwater level calculation (calibration certificates in hand for review and update of database). Revise trigger levels based on updated sensor depth and calibration data. If this calibration data is unavailable, the overall usefulness of these bores to the network will be reviewed as part of the 2024 annual review. | April 2024 Quarterly | ONGOING: Verify sensor depths for VKY033C (or VKY3033C) and VKY041C to assist with groundwater level calculation. COMPLETE: Sensor depths have been verified for all standpipe loggers and VWPs, except for abovementioned VKY033C and VKY041C. |



| Recommendation | Cited | Status |
|--|--------------|---|
| When adequate baseline data becomes available, review and update the quality trigger values. | October 2024 | ONGOING: Trigger level review underway. |
| Notable disparity between manual dips and logger readings for bore GW03. It is recommended that the logger be reviewed and calibrated as necessary to ensure data accuracy. | July 2025 | ONGOING: Loggers review underway. |
| Continuous water level data are missing for bores VS056 (since April 2025) and VNW395 (since April 2024). It is recommended that logger data for both sites be reviewed to restore a complete water level record, in line with GWMP requirements. | July 2025 | ONGOING: Loggers review and installation in progress. |
| Resample EC at GW03 as per the TARP Level 1 TARP Action. | October 2025 | ONGOING: The laboratory EC results in January 2026 round continued to exceed the trigger level at GW03. Re-sample of groundwater quality within seven days and report the EC exceedances in Annual Review. |
| Field notes indicate VNW223 was “blocked at approximately 2 m”. The downhole camera survey conducted in May 2025 suggested this bore in suitable condition. It is recommended that the condition of VNW223 be reviewed during the next monitoring round. If the bore remains blocked, bore development should be undertaken to restore full functionality. | October 2025 | COMPLETE: Bore VNW223 was dipped and sampled during the January 2026 monitoring round with no issues noted during field inspection. The bore is therefore considered to be in suitable condition. |
| GW-6 sheared and should be removed from the ongoing monitoring regime. | October 2025 | COMPLETE: GW-6 was dipped and sampled in the January 2026 monitoring round. It is therefore assumed that access to the bore has been restored and routine monitoring has resumed. |
| VKY3053 has been decommissioned, as consumed by the mining progression. | October 2025 | COMPLETE: VKY3053 has been consumed by mining progression and is no longer present in the field. It is therefore recommended that the bore be removed from the GWMP. |

The following recommendations are made from the current monitoring period:

- Bore GW-8 was neither sampled nor dipped during the January 2026 monitoring round, and the corresponding field note comment was not visible. It is recommended that the bore condition be inspected during the next monitoring round.
- The logger at VKY036C is likely positioned above the water table within the well. Manual dips indicated ongoing drawdown. Table 4-1 of the GWMP requires continuous water level monitoring at this bore. It is recommended that the logger be repositioned below the water table, taking into account the ongoing decline in groundwater level.



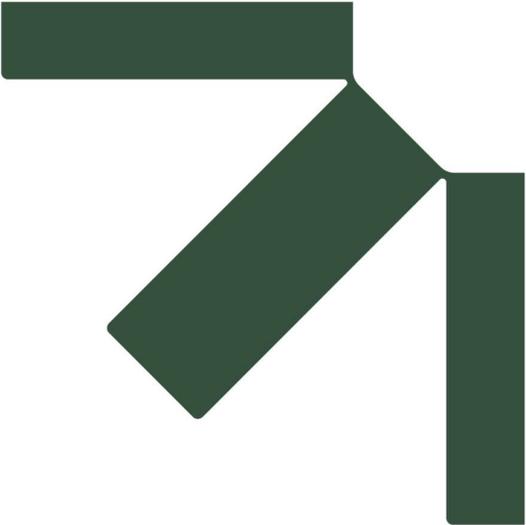
5.0 References

Hydrosimulations. 2018. "Vickery Extension Project: Groundwater Assessment. Report ."

Queensland Government. 2024. *SILO Long Paddock*. <https://www.longpaddock.qld.gov.au/>.

Whitehaven. 2023. "Vickery Coal Mine Water Management Plan Appendic C Groundwater Management Plan."





Appendix A **Trigger Action Response Plan**

Vickery Extension Project Groundwater Monitoring Report

Quarterly Review November 2025 – January 2026

Whitehaven Coal Ltd

SLR Project No.: 640.031099.00001

20 March 2026

Table A-1: Tigger Action Response Plan

| PERFORMANCE MEASURE AND INDICATOR, TARP OBJECTIVE AND ASSESSMENT CRITERIA | MONITORING PROGRAM | MANAGEMENT | | |
|--|---|---|--|--|
| | | TRIGGER | ACTION | RESPONSE |
| <p>Performance Measure Feature</p> <p>Negligible groundwater level impact on the Namoi Alluvium aquifer and associated surface watercourses, groundwater dependent ecosystems, and private landowner bores.</p> <p>Negligible groundwater level impact on the Permian bedrock and associated private landowner bores, outside that predicted by the approved groundwater impacts (Hydrosimulations 2018).</p> <p>TARP Objective</p> <p>This TARP defines levels of deviation in groundwater level from 'normal' conditions and the actions to be implemented in response to each level deviation as a result of open cut mining.</p> <p>Assessment Criteria</p> <p>Bore specific trigger values are based on the water levels across the entire history of monitoring in each individual bore and the predicted impacts from the Hydrosimulations (2018) numerical groundwater model.</p> | <p>Locations</p> <p>Open standpipes and VWPs</p> <p>All monitoring locations as set out in Table 4-1 of the Groundwater Management Plan (GWMP).</p> <p>All monitoring locations are shown in Figure 4-1 of the GWMP.</p> <p>Monitoring Frequency</p> <p>During mining</p> <p>Quarterly manual measurements of water level. Continuous monitoring in bores installed with Vibrating Wire Piezometers (VWPs).</p> <p>Post-mining</p> <p>TBC</p> | Normal Condition | | |
| | | <ul style="list-style-type: none"> Groundwater level remains above the respective trigger limits (defined as the 95th percentile over the baseline period and detailed in Table 8-2 of the GWMP) for each individual groundwater bore. | <ul style="list-style-type: none"> Continue monitoring and review of data as per monitoring program. | <ul style="list-style-type: none"> No response required. |
| | | Level 1 | | |
| | | <ul style="list-style-type: none"> One quarterly monitoring result shows an exceedance of the trigger limit as detailed in Table 8-2 of the GWMP. | <ul style="list-style-type: none"> Actions as required for Normal Condition. Re-sample of groundwater level within seven days. | <ul style="list-style-type: none"> Report declines and climate investigation outcomes in Annual Review. |
| | | Level 2 | | |
| <ul style="list-style-type: none"> Groundwater level in a groundwater bore exceeds the respective trigger limit during three consecutive quarterly monitoring rounds. <p>OR</p> <ul style="list-style-type: none"> Complaint received by landowners of private bores regarding groundwater level declines. | <ul style="list-style-type: none"> Actions as stated in Level 1. <p>For Open Standpipe Monitoring Bores, VWPs, and Private Bores:</p> <ul style="list-style-type: none"> Undertake a preliminary hydrogeological investigation as efficiently as practicable to check and validate the data and assess cause of trigger exceedances to determine if mining related as per the requirements set out in Section 8.3 of the GWMP. Review of groundwater levels to be carried out by qualified personnel. Increase monitoring and review of data frequency for sites where Level 2 has been reached, subject to land access. <p>For Private Bores:</p> <ul style="list-style-type: none"> Undertake investigation to demonstrate if the decline will impact the long-term viability of the affected water supply works. Commence level monitoring of said private bore in quarterly monitoring rounds, subject to negotiation and land access restrictions. <p>The investigation will be commenced/ completed as efficiently as practicable.</p> | <ul style="list-style-type: none"> Responses as stated in Level 1. Include outcomes from the preliminary investigation report in Annual Review. | | |
| Level 3 | | | | |

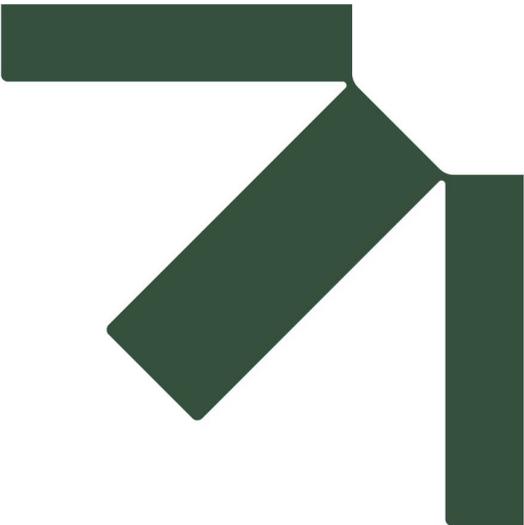


| PERFORMANCE MEASURE AND INDICATOR, TARP OBJECTIVE AND ASSESSMENT CRITERIA | MONITORING PROGRAM | MANAGEMENT | | |
|--|--|--|---|---|
| | | TRIGGER | ACTION | RESPONSE |
| | | <ul style="list-style-type: none"> The reduction in water level is determined in the Level 2 preliminary investigation not to be controlled by climatic or external anthropogenic factors. <p>OR</p> <ul style="list-style-type: none"> Groundwater level in a groundwater bore continues to exceed the respective trigger limit during six consecutive monitoring rounds. | <ul style="list-style-type: none"> Actions as stated in Level 2. <p>For Open Standpipe Monitoring Bores, VWPs, and Private Bores:</p> <ul style="list-style-type: none"> Undertake a detailed investigation to assess if the change in behaviour is related to mining effects (e.g., catchment changes, another effect unrelated to mining). Review groundwater model. <p>For Private Bores:</p> <ul style="list-style-type: none"> Review corrective management actions (CMAs) as specified in Section 8.3 of the GWMP considering findings from further investigations and consider additional reasonable and feasible options. | <ul style="list-style-type: none"> Responses as stated in Level 2. Report trigger exceedance to DPE and key stakeholders. Provide the detailed investigation report to relevant agencies within a reasonable timeframe of identifying the non-compliance. Report trigger exceedance and investigation outcomes in Annual Review. Develop/design contingency and remedial measures based on the results of the above investigations. Contingency and remedial measures considered practical for implementation may include: <ol style="list-style-type: none"> Undertake landholder and government consultation; Offset groundwater leakage from the Namoi Alluvium aquifer; Review and refine the GWMP including undertaking additional specific monitoring of private landholder bores; Review Site Water Balance and predictive groundwater model; and Review mine plan impacts on alluvial groundwater source. <p>For Private Bores:</p> <ul style="list-style-type: none"> Provide DPE and key stakeholders with proposed corrective management actions (CMAs) for consultation (e.g., extending the depth of the bore, establishment of additional bores, compensation to affected landowners as per Section 8.3 of the GWMP). Implement CMAs, subject to land access (finalise negotiations and implement the agreed "make-good" arrangements). Monitor and report on success of CMAs in Annual Review. |
| <p>Performance Measure Feature</p> <p>Negligible quality impact on the Namoi Alluvium aquifer and associated surface watercourses and private landholder bores.</p> <p>Negligible quality impact on the Permian bedrock and associated private landowner bores, outside that predicted by the approved groundwater (Hydrosimulations 2018).</p> <p>TARP Objective</p> <p>This TARP defines levels of deviation in groundwater quality from baseline conditions and the actions to be implemented in response to each level deviation.</p> <p>Assessment Criteria</p> <p>Quality in each monitoring bore remains within the 5th and 95th percentile of the baseline conditions set out in Table 8-4 of the GWMP for the following parameters:</p> <ul style="list-style-type: none"> Electrical Conductivity; pH; and Sulfate. <p>Other major and metal ions will be assessed against the relevant ANZECC guidelines.</p> | <p>Locations</p> <p>Open standpipes</p> <p>All open standpipe monitoring locations as set out in Table 4-2 of the GWMP.</p> <p>Monitoring Frequency</p> <p>During mining</p> <p>Six-monthly measurements of pH and electrical conductivity parameters.</p> <p>Other parameters (detailed in Table 4-2 of the GWMP) to be measured on an annual basis.</p> <p>Post-mining</p> <p>TBC</p> | Normal Condition | | |
| | | <ul style="list-style-type: none"> Groundwater pH remains within the baseline 5th and 95th percentile range, as specified in the GWMP. Other groundwater quality parameters remain below the baseline 95th percentile, as specified in the GWMP. | <ul style="list-style-type: none"> Continue monitoring and review of data as per monitoring program. | <ul style="list-style-type: none"> No response required. |
| | | Level 1 | | |
| | | <ul style="list-style-type: none"> Two six-monthly exceedances or one annual quality exceedances outside of the specified baseline range (pH) or above 95th percentile baseline (other quality parameters). | <ul style="list-style-type: none"> Actions as required for Normal Condition. Re-sample of groundwater quality within seven days | <ul style="list-style-type: none"> Report declines and climate investigation outcomes in Annual Review. |
| | | Level 2 | | |
| <ul style="list-style-type: none"> Three consecutive six-monthly exceedances or two annual quality exceedances (including re-samples from Level 1) outside of the specified baseline range (pH) or above 95th percentile baseline (other quality parameters). <p>OR</p> <ul style="list-style-type: none"> Complaint received by landowners of private bores regarding groundwater quality declines. | <ul style="list-style-type: none"> Actions as stated in Level 1. <p>For Open Standpipe Monitoring Bores:</p> <ul style="list-style-type: none"> Undertake a preliminary hydrogeological investigation as efficiently as practicable to assess cause of quality exceedances and determine if mining related as per the requirements set out in Section 8.3 of the GWMP. Review of groundwater quality to be carried out by qualified personnel. Increase monitoring and review of data frequency for sites where Level 2 has been reached, subject to land access. <p>For Private Bores:</p> <ul style="list-style-type: none"> Collect quality sample from said private bore for comparison with wider aquifer data, subject to negotiation and land access restrictions. Undertake investigation to demonstrate if quality will impact the long-term viability of the affected water supply works. <p>The investigation will be commenced/ completed as efficiently as practicable.</p> | <ul style="list-style-type: none"> Responses as stated in Level 1. Include outcomes from the preliminary investigation report in Annual Review. | | |



| PERFORMANCE MEASURE AND INDICATOR, TARP OBJECTIVE AND ASSESSMENT CRITERIA | MONITORING PROGRAM | MANAGEMENT | | |
|---|--------------------|---|--|---|
| | | TRIGGER | ACTION | RESPONSE |
| | | Level 3 | | |
| | | <ul style="list-style-type: none"> The water quality changes are determined from Level 2 preliminary investigation to not be controlled by climatic, local land uses, or other external anthropogenic factors. <p>OR</p> <ul style="list-style-type: none"> Groundwater quality continues to decline with six consecutive six-monthly exceedances or three annual quality exceedances outside of the specified baseline range (pH) or above 95th percentile baseline (other quality parameters). <p>AND</p> <ul style="list-style-type: none"> Quality exceedances are widespread (three or more bores in an aquifer show water quality exceedances) across the aquifers being monitored. | <ul style="list-style-type: none"> Actions as stated in Level 2. <p>For Private Bores and Open Standpipe Monitoring Bores</p> <ul style="list-style-type: none"> Increase monitoring to at least quarterly measurements for sites where Level 3 has been reached, subject to land access. Undertake a detailed investigation to assess if the change in behaviour is related to mining effects (e.g., catchment changes, another effect unrelated to mining). Review corrective management actions (CMAs) as specified in Section 8.3 of the WMP considering findings from further investigations and consider additional reasonable and feasible options. | <ul style="list-style-type: none"> Responses as stated in Level 2. <p>For Private Bores and Open Standpipe Monitoring Bores:</p> <ul style="list-style-type: none"> Report trigger exceedance to DPE and key stakeholders. Report trigger exceedance and investigation outcomes in Annual Review. <p>For Private Bores, if the changes have been confirmed to be related to mining effects:</p> <ul style="list-style-type: none"> Initiate negotiations with impacts landowners as soon as practicable. Consider all reasonable and feasible options for remediation as relevant (e.g., isolation, remediation, etc.). Provide DPE and key stakeholders with proposed corrective management actions (CMAs) for consultation (e.g., extending the depth of the bore, establishment of additional bores, compensation to affected landowners as per Section 10.2.2 of the WMP). Implement CMAs, subject to land access (finalise negotiations and implement the agreed "make-good" arrangements). Monitor and report on success of CMAs in Annual Review. |





Appendix B Groundwater Level Results

Vickery Extension Project Groundwater Monitoring Report

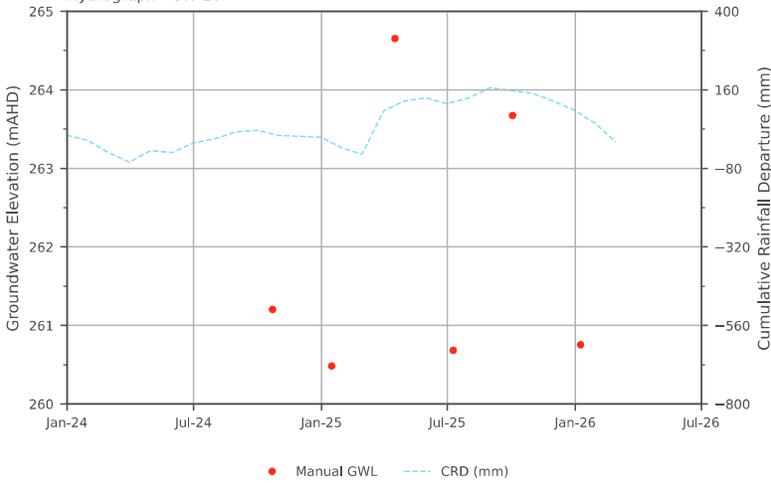
Quarterly Review November 2025 – January 2026

Whitehaven Coal Ltd

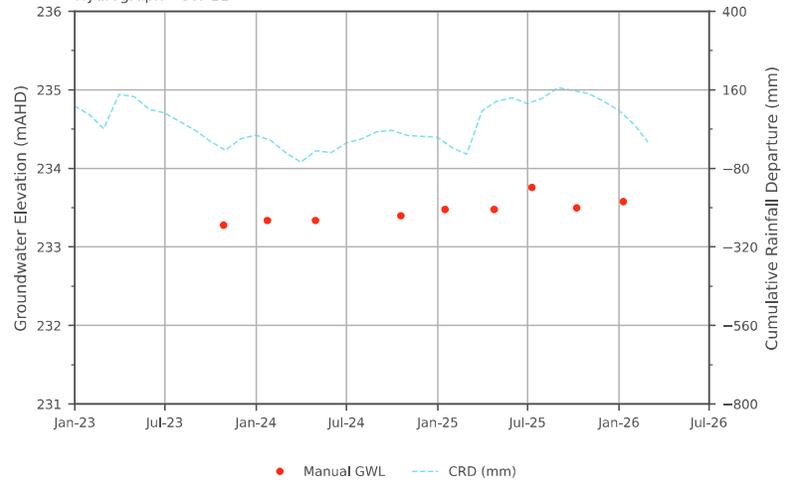
SLR Project No.: 640.031099.00001

20 March 2026

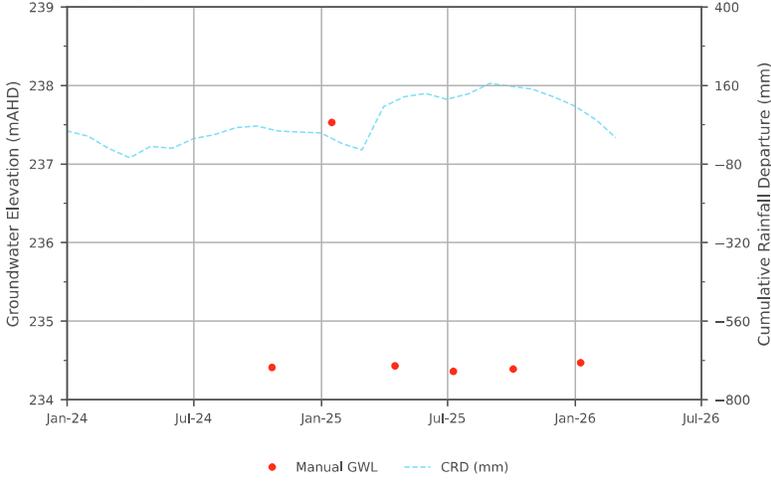
Hydrograph - GW-10



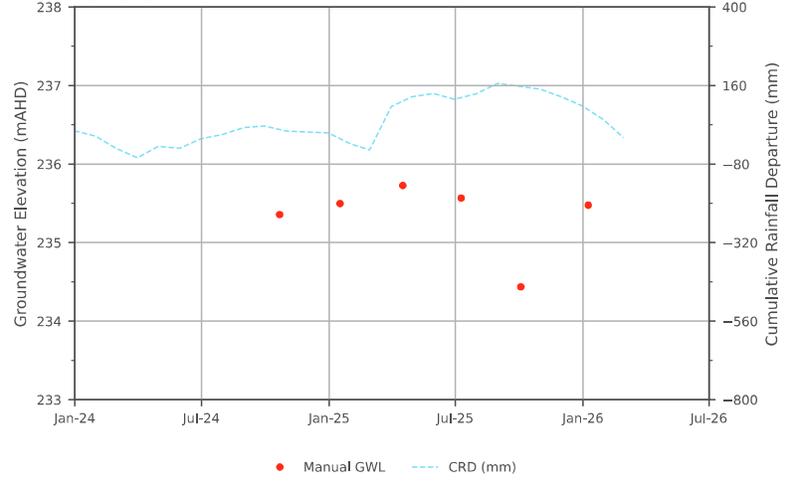
Hydrograph - GW-11



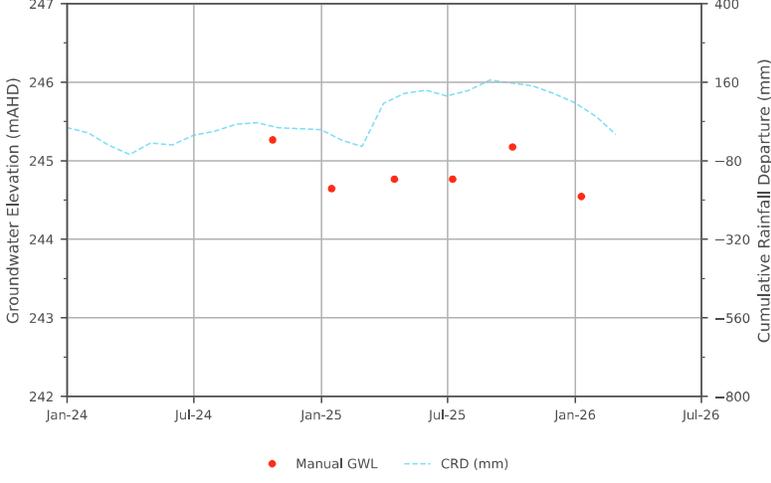
Hydrograph - GW-13



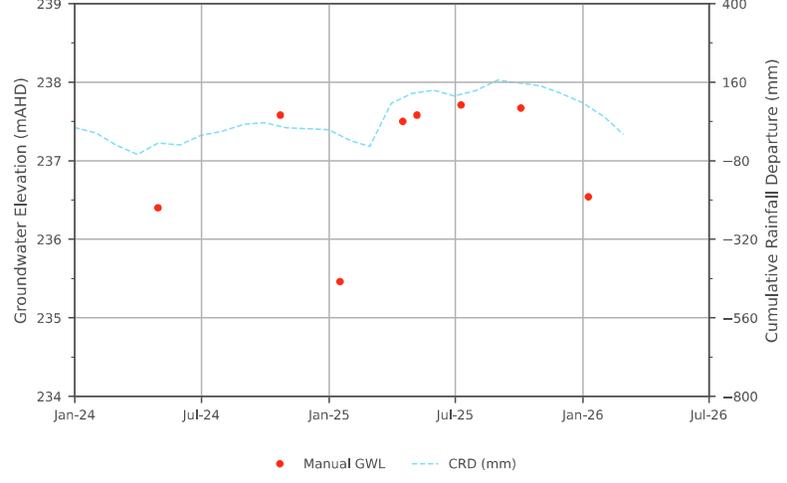
Hydrograph - GW-14

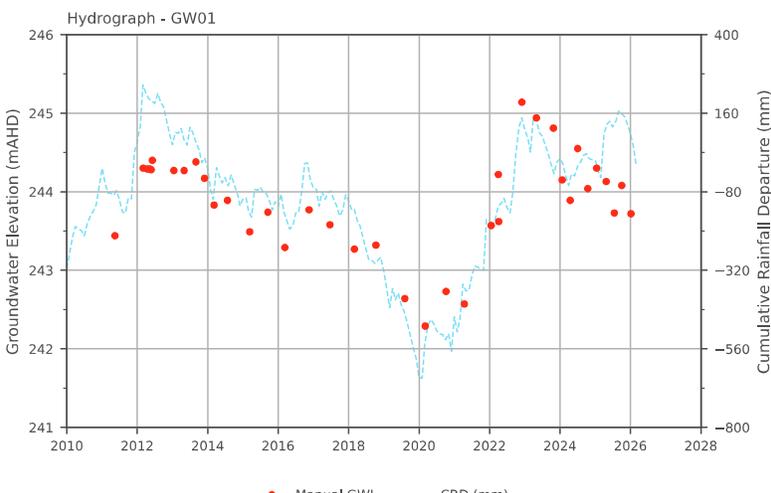
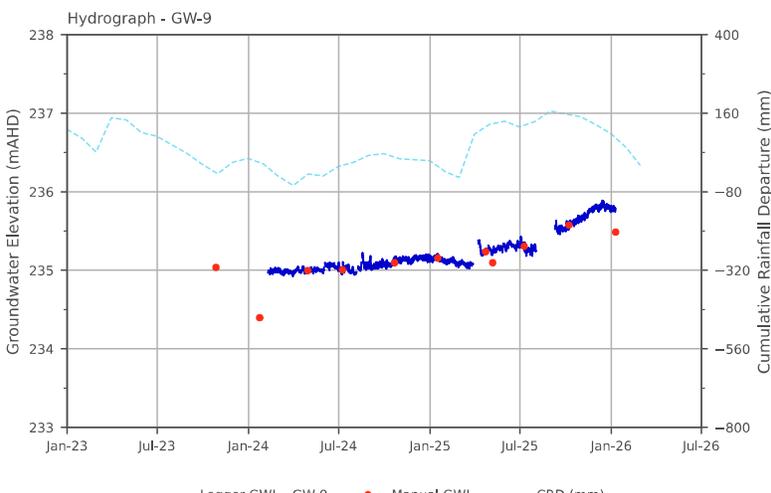
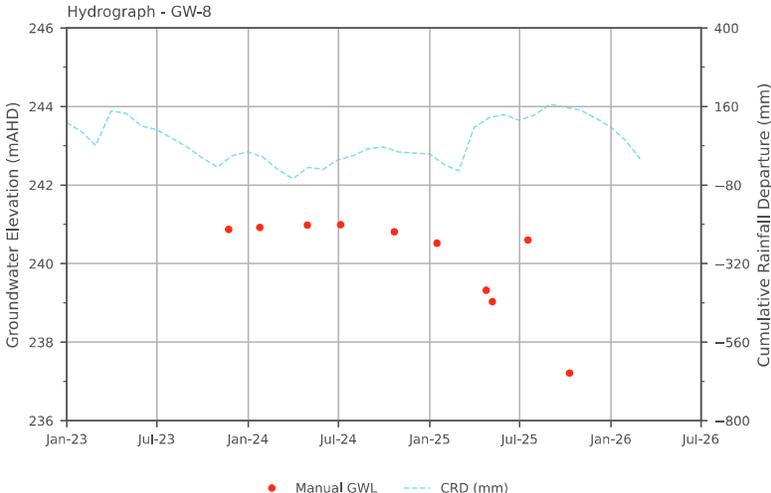
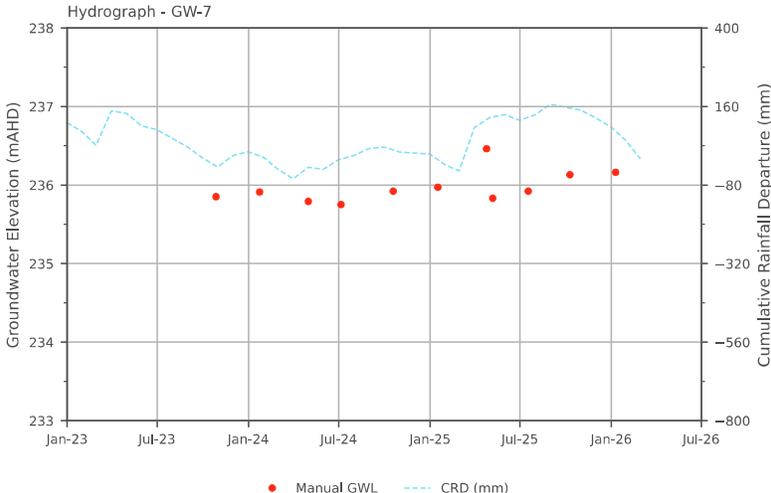
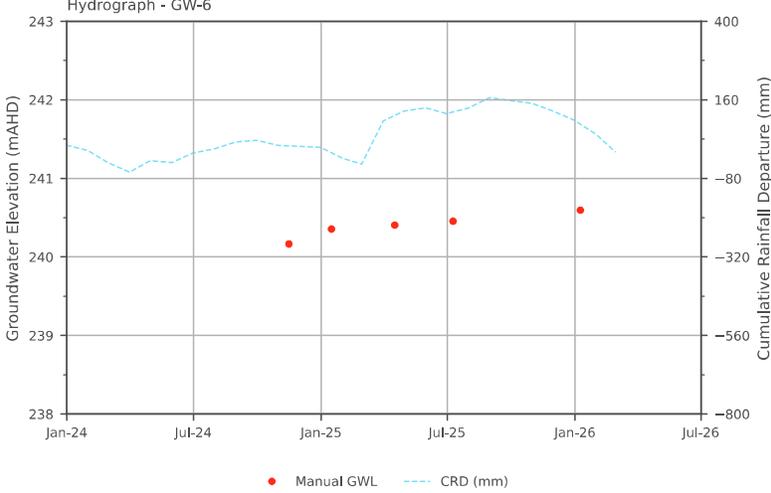
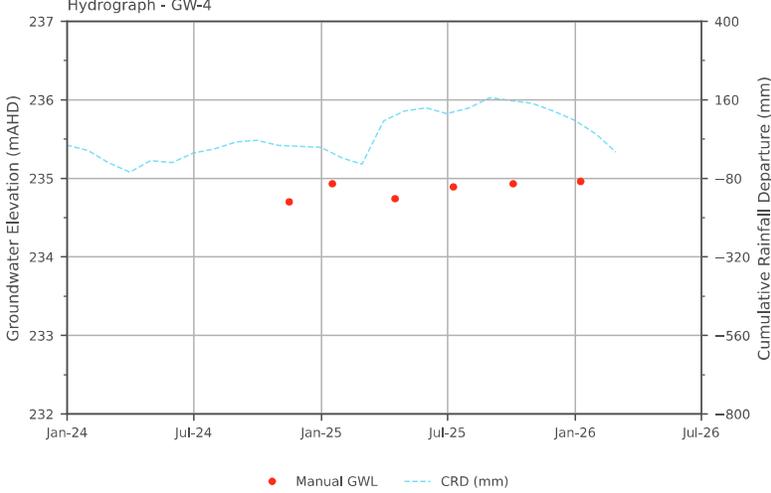


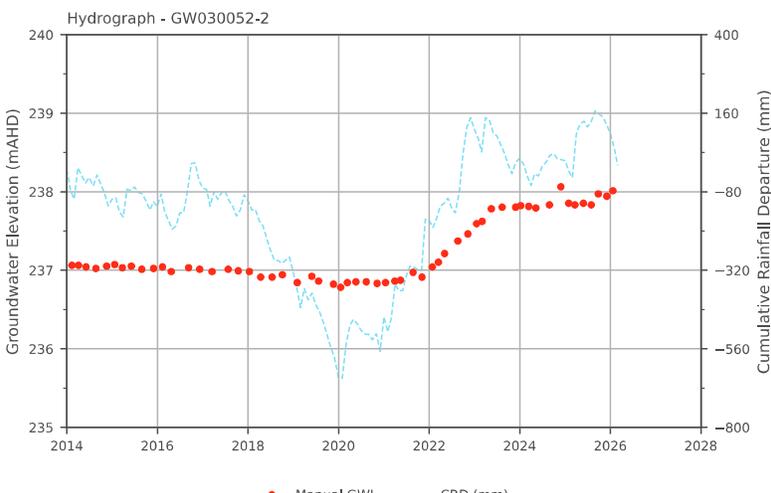
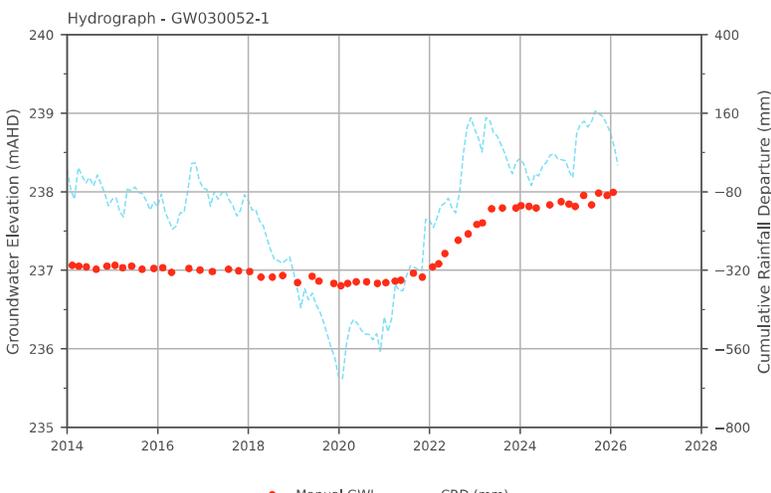
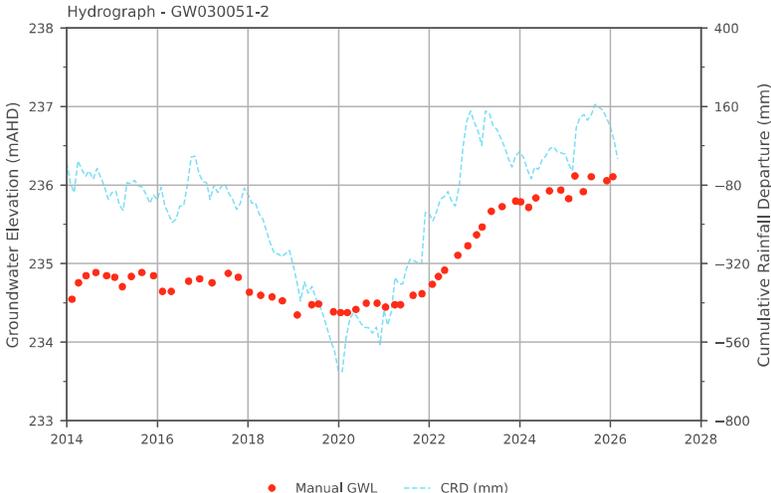
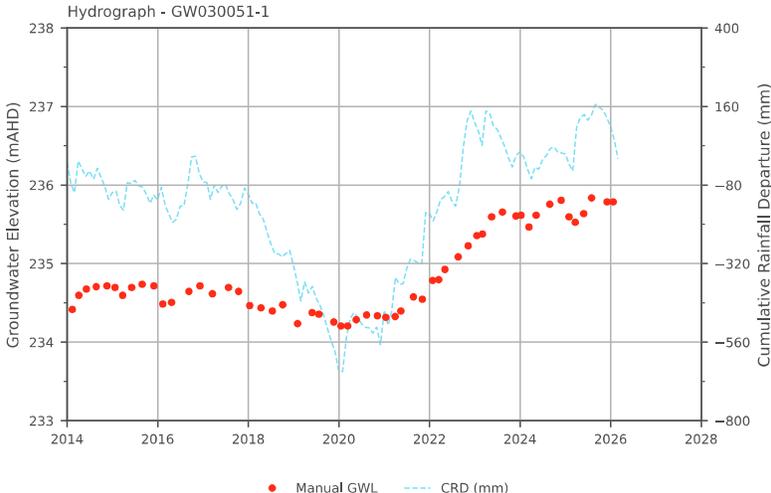
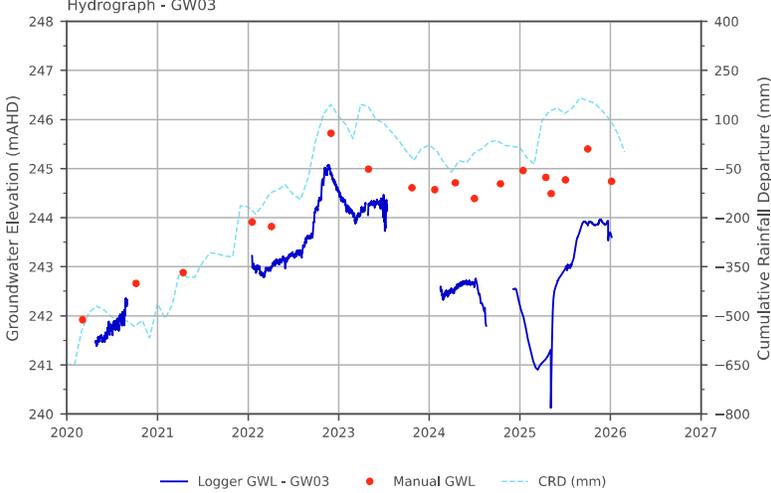
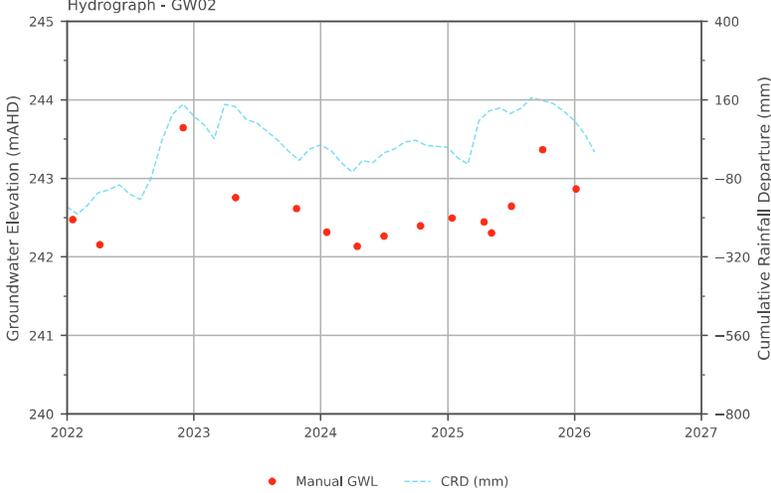
Hydrograph - GW-15



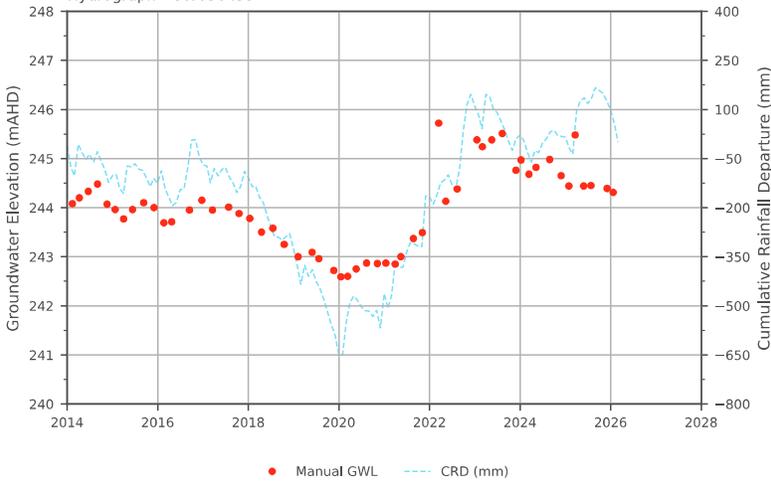
Hydrograph - GW-2



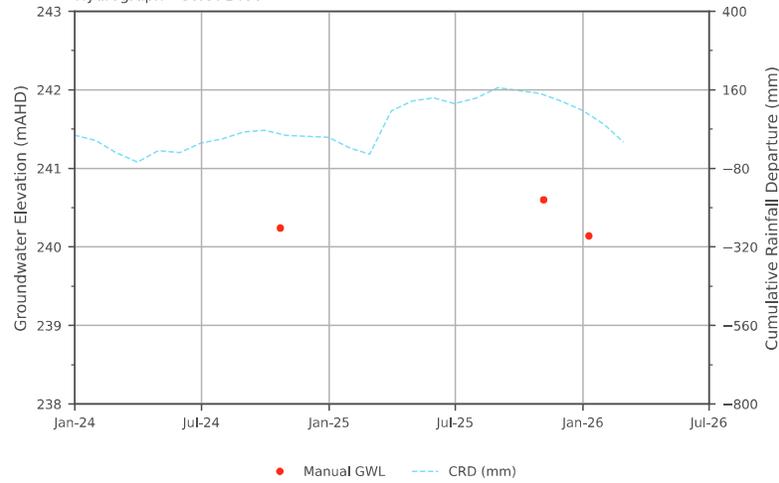




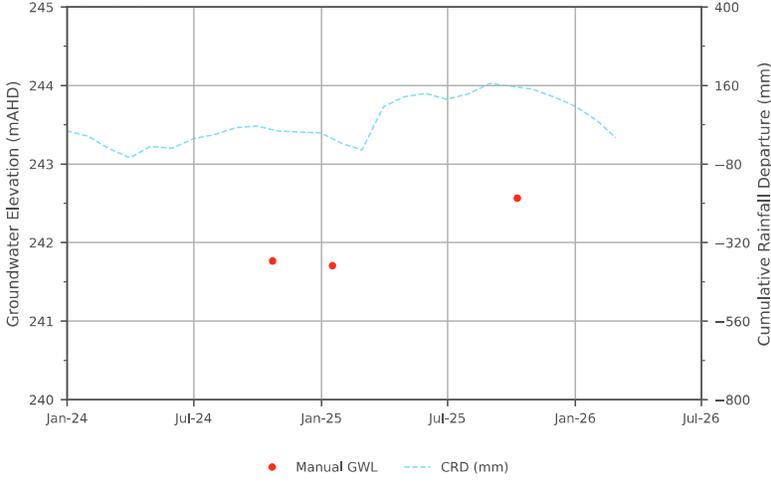
Hydrograph - GW036459



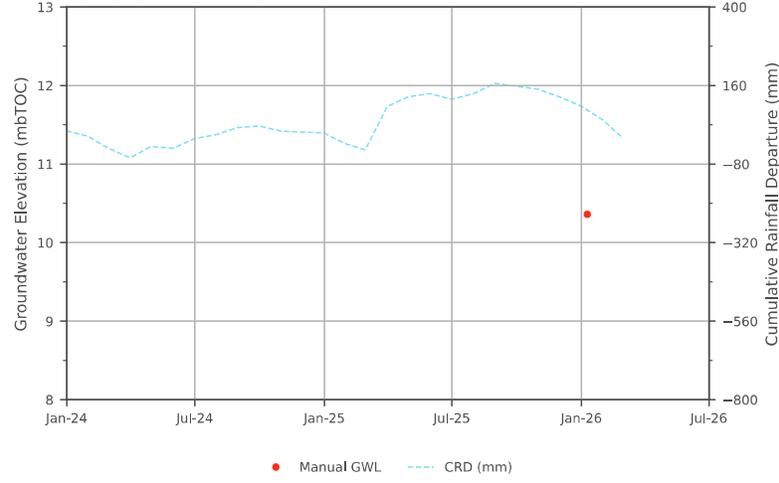
Hydrograph - GW971400



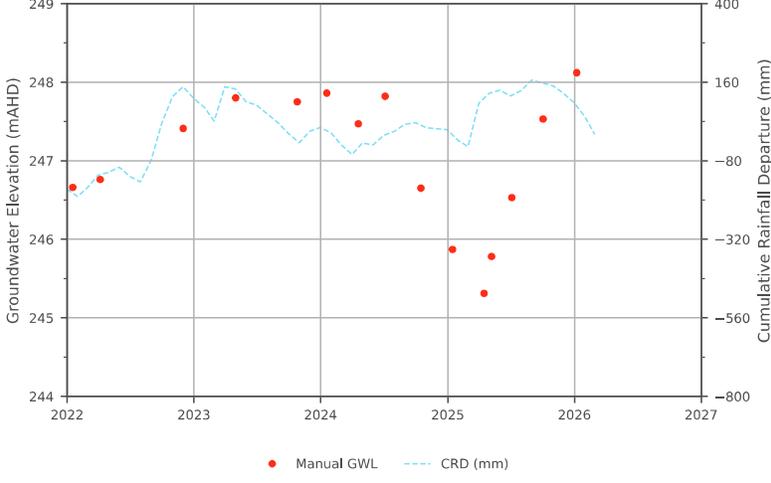
Hydrograph - GW971614



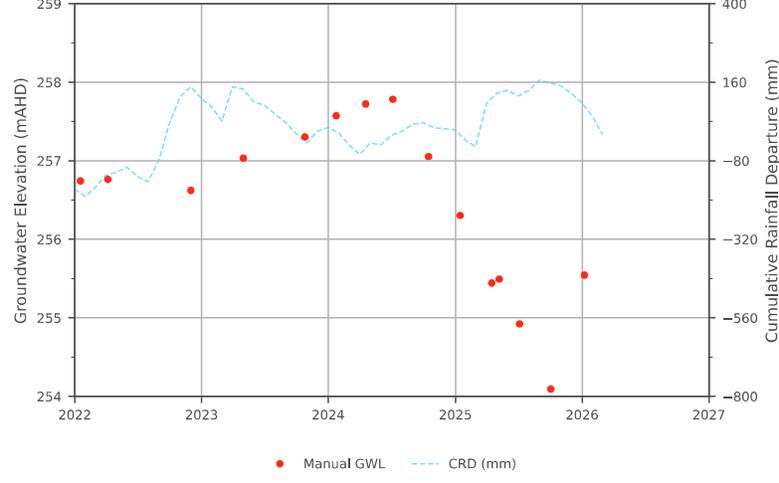
Hydrograph - Landreef Tap

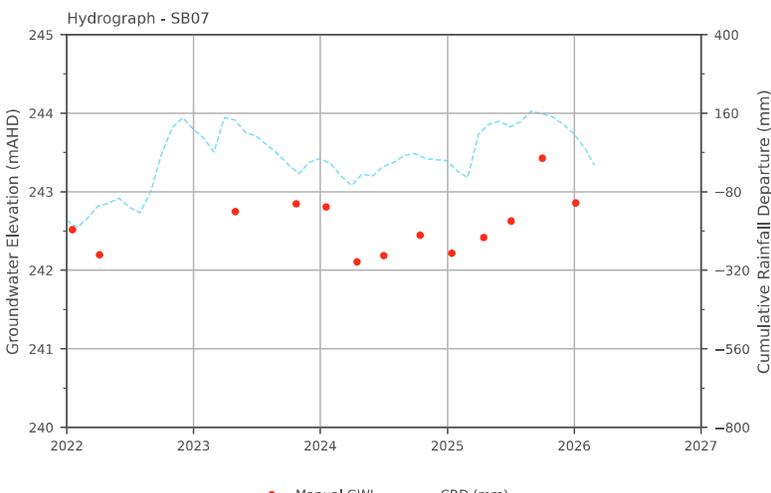
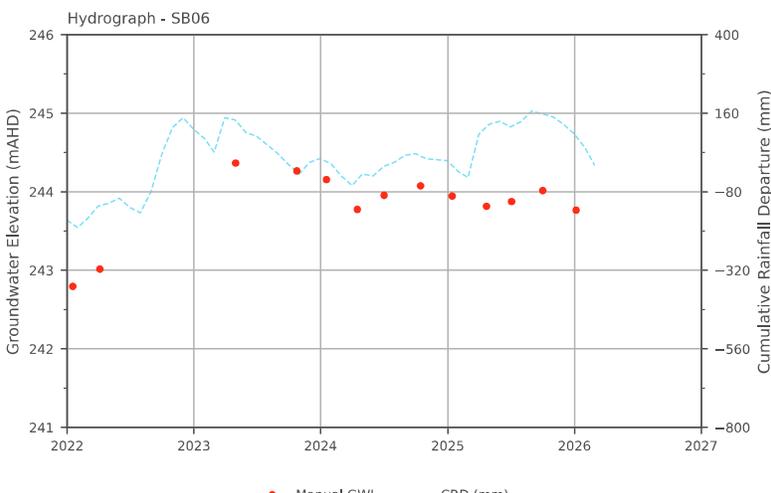
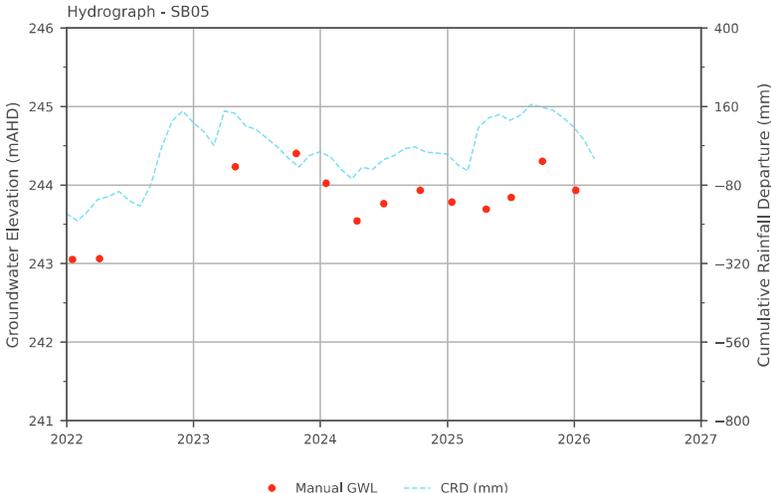
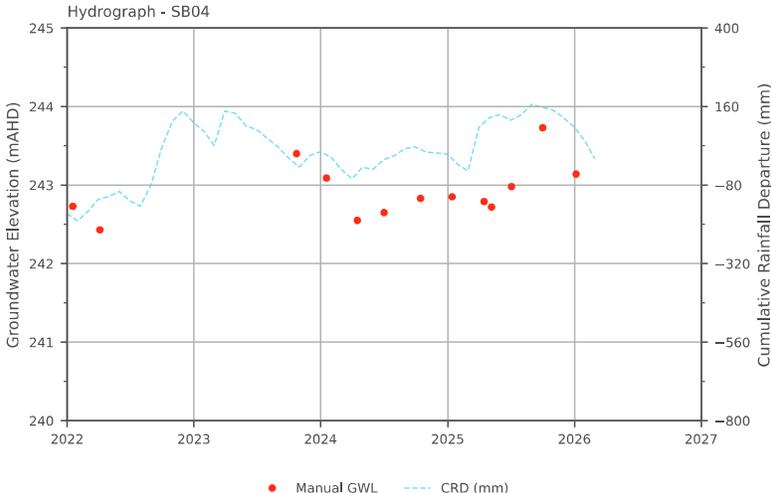
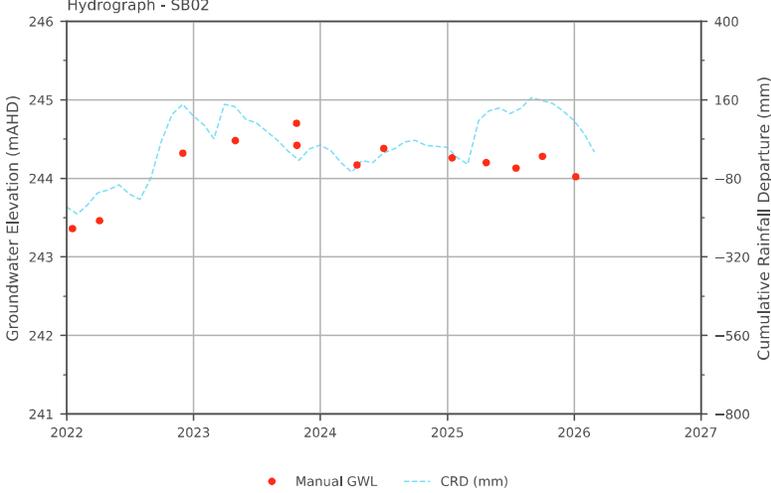
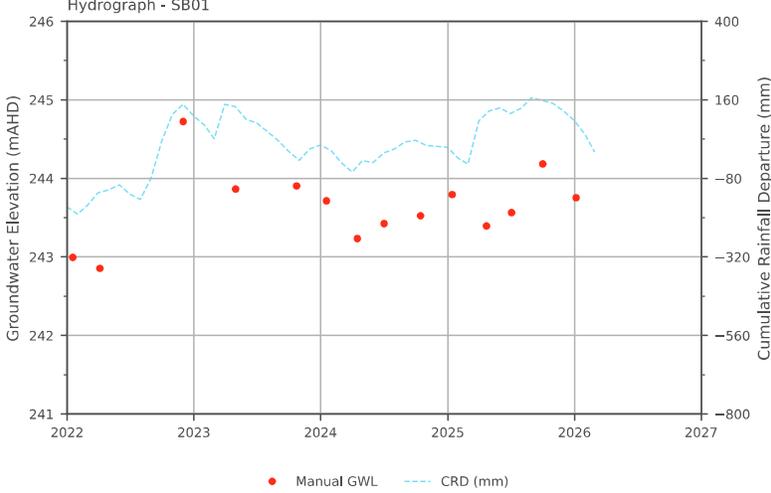


Hydrograph - MD01

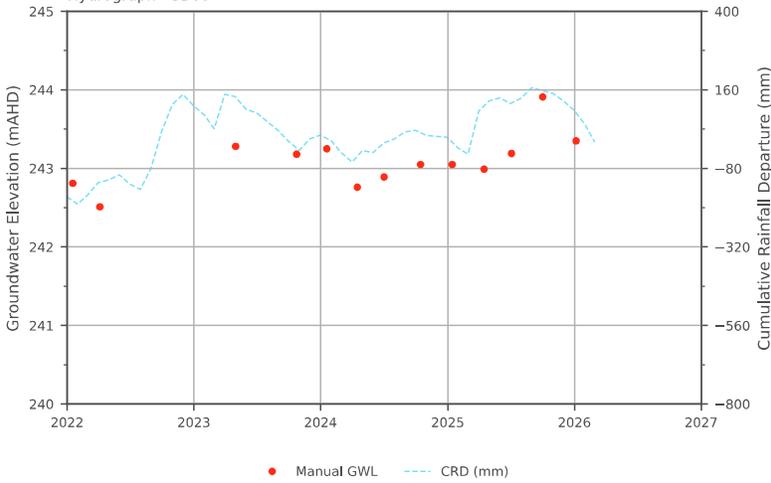


Hydrograph - MD02



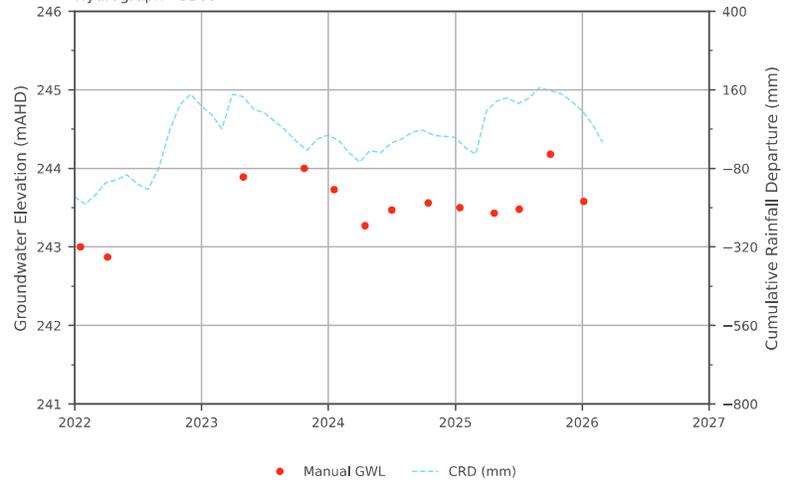


Hydrograph - SB08



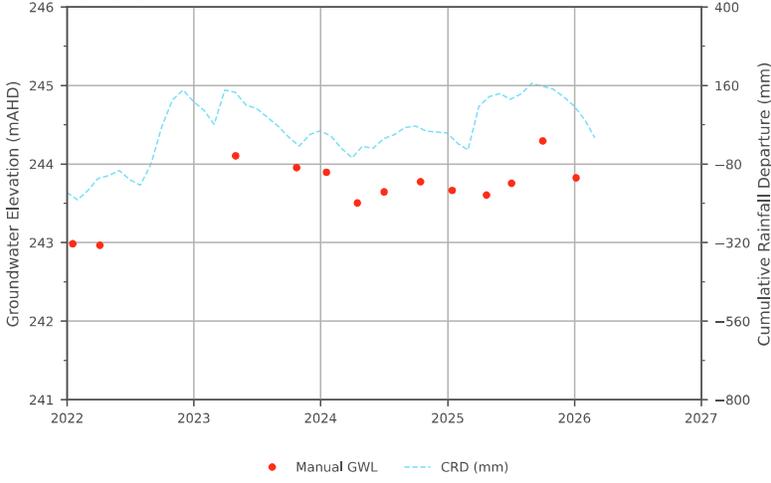
Manual GWL CRD (mm)

Hydrograph - SB09



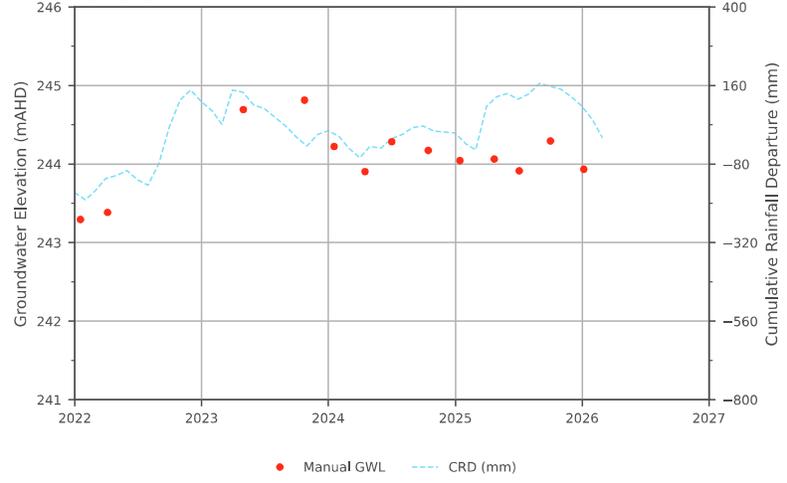
Manual GWL CRD (mm)

Hydrograph - SB10



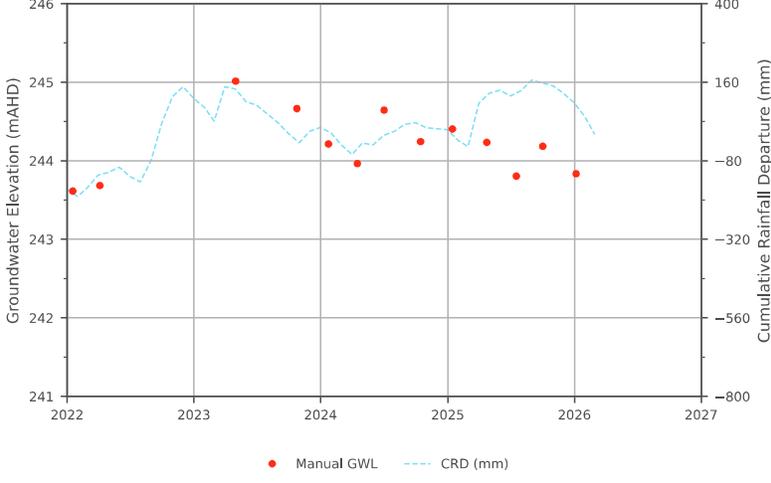
Manual GWL CRD (mm)

Hydrograph - SB11



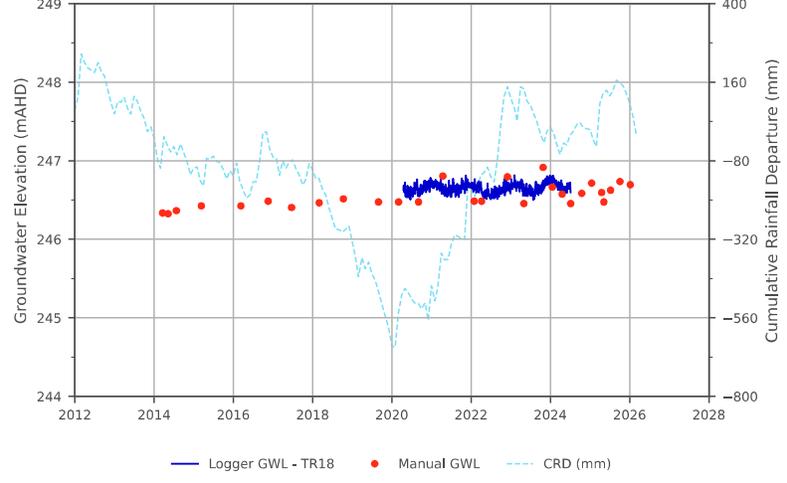
Manual GWL CRD (mm)

Hydrograph - SB15

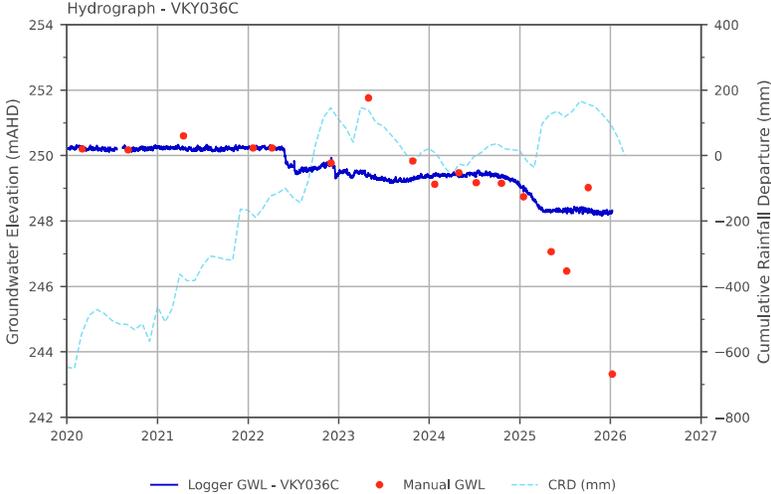
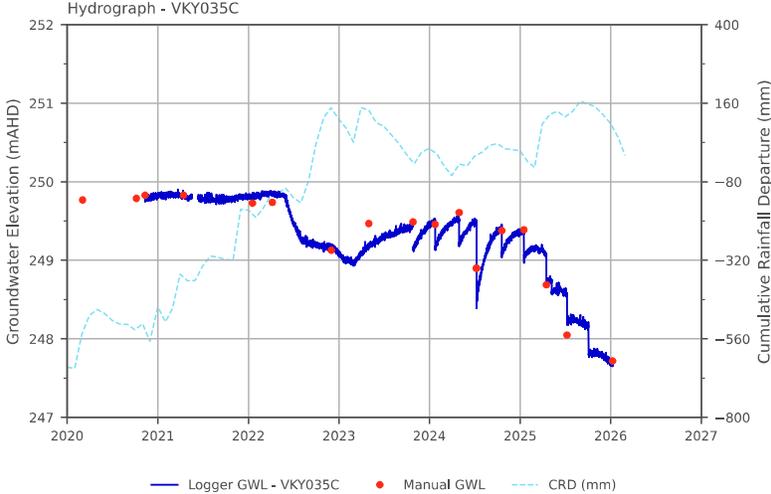
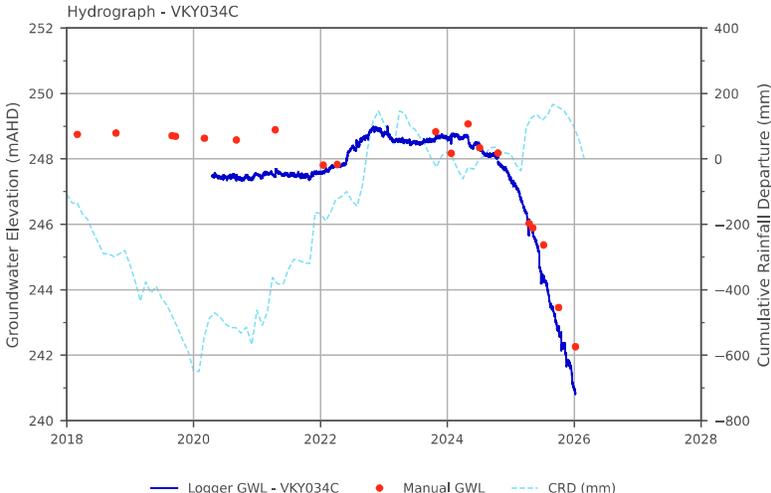
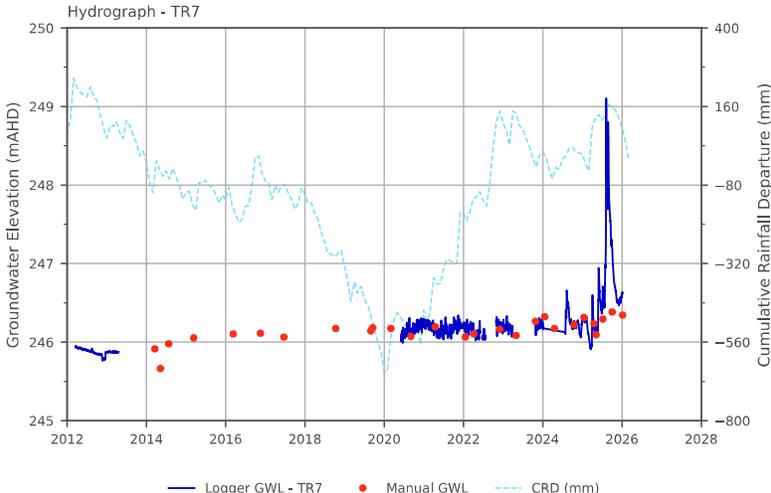
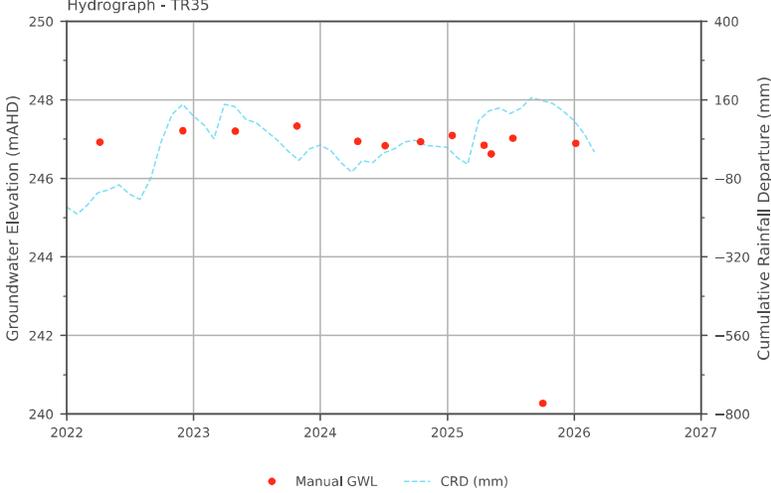
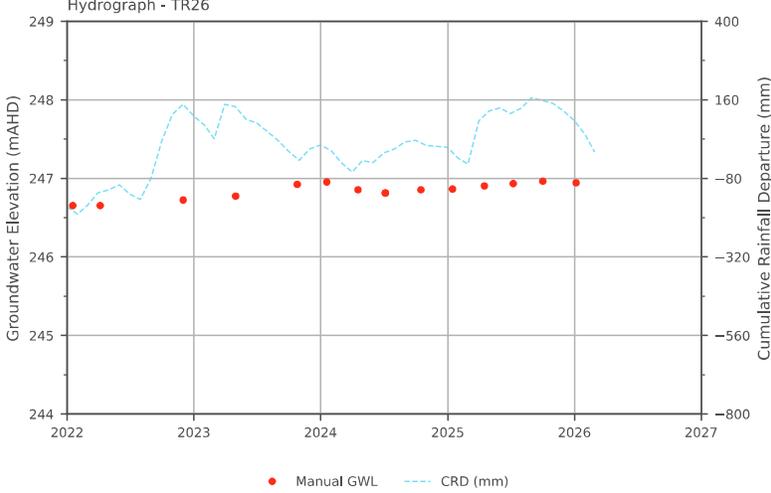


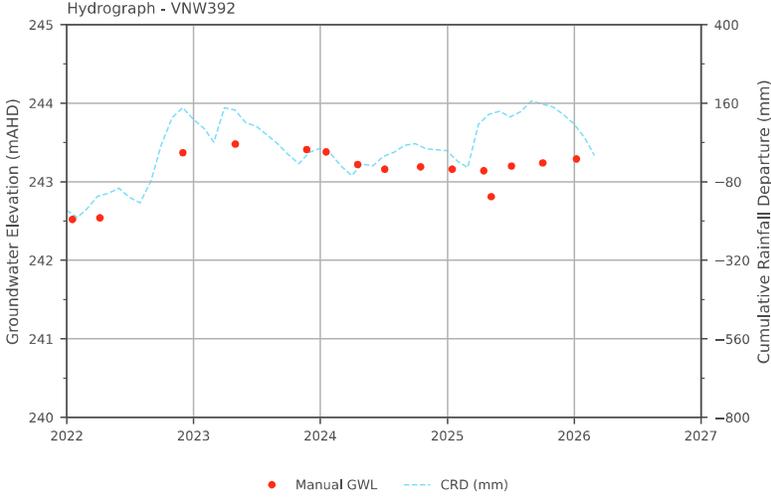
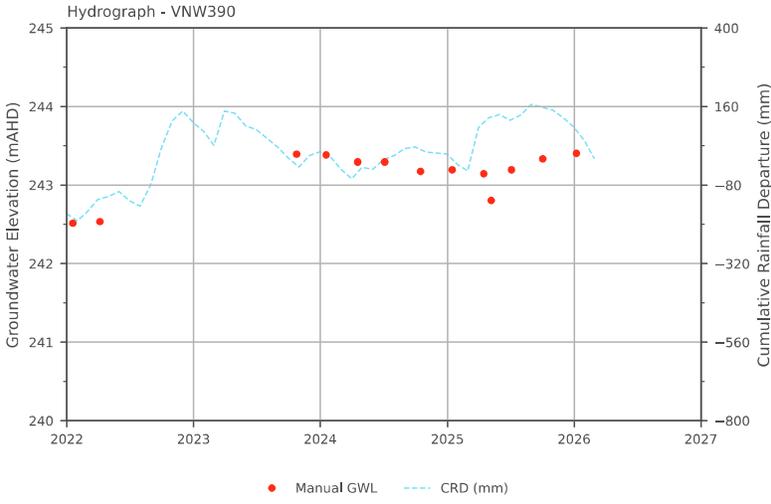
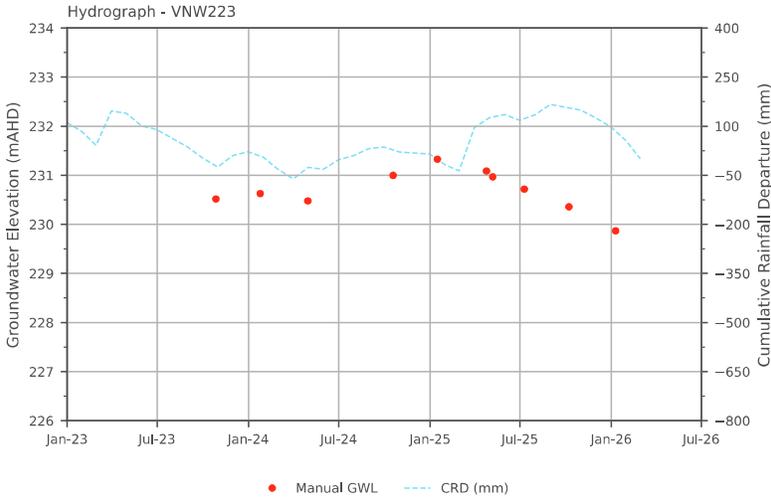
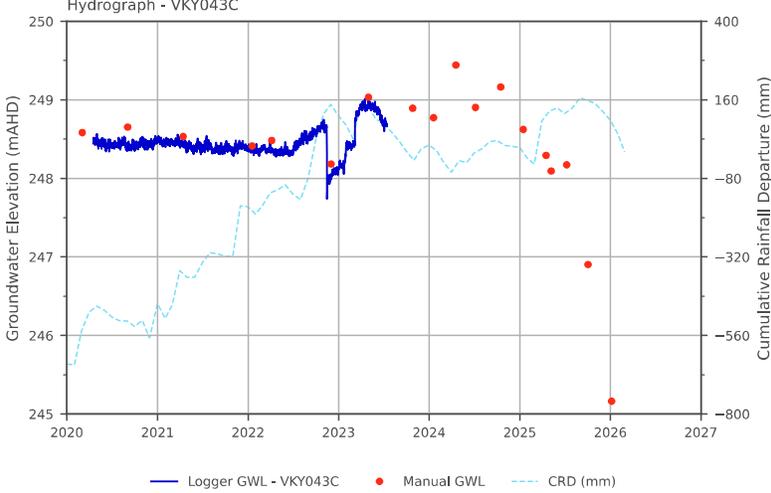
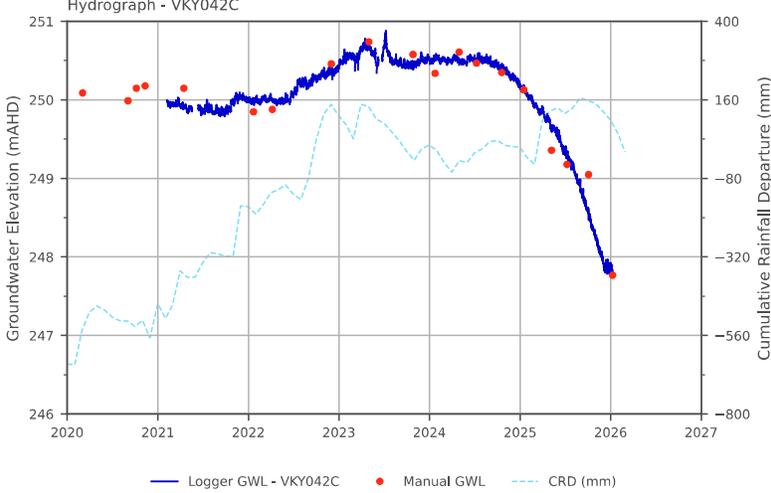
Manual GWL CRD (mm)

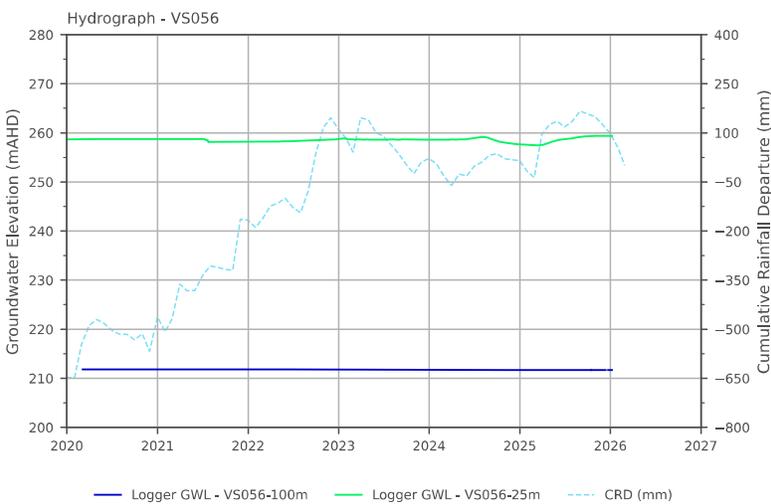
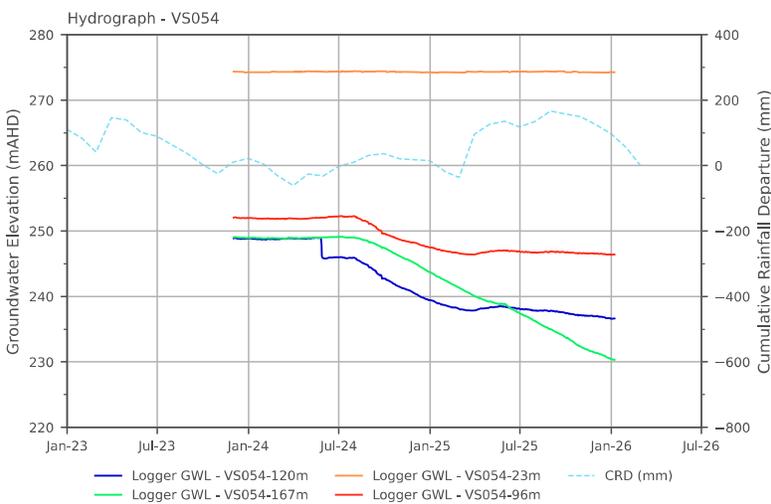
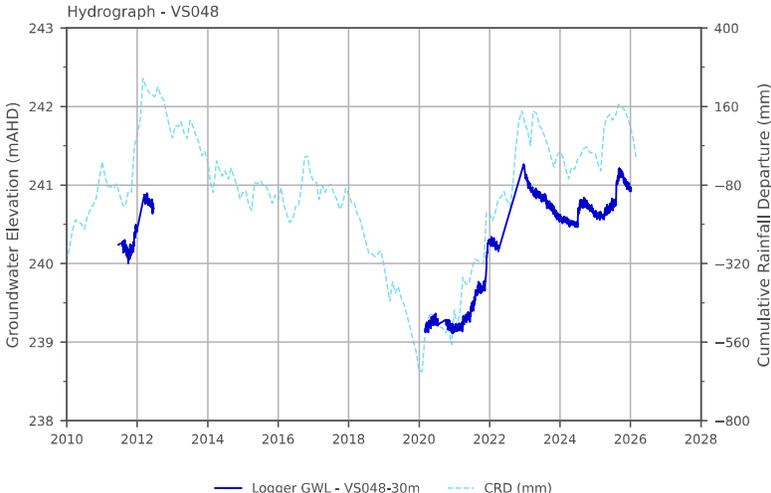
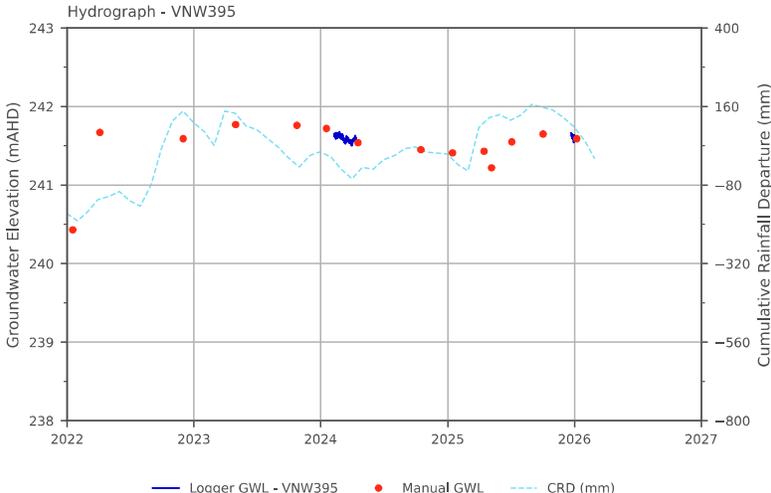
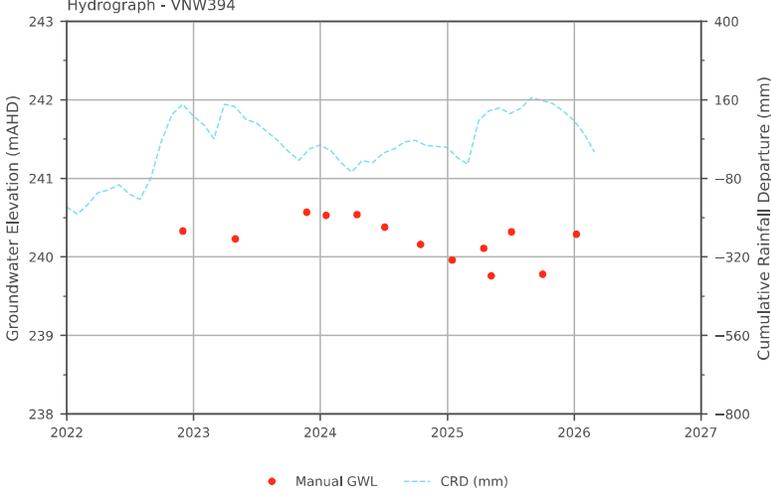
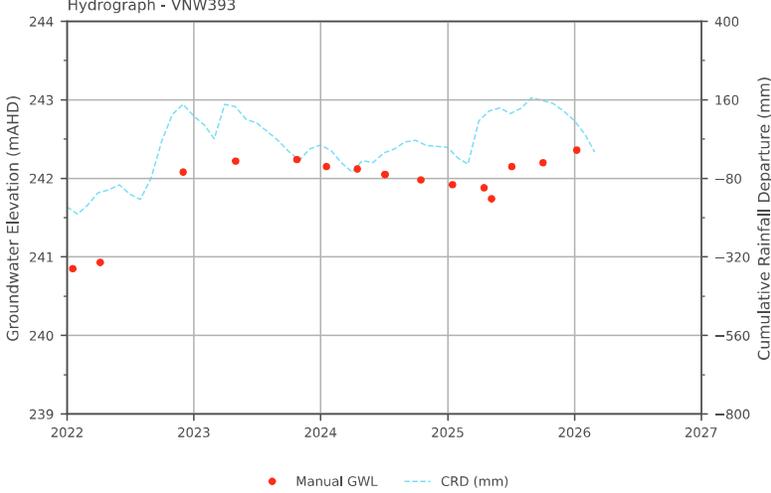
Hydrograph - TR18



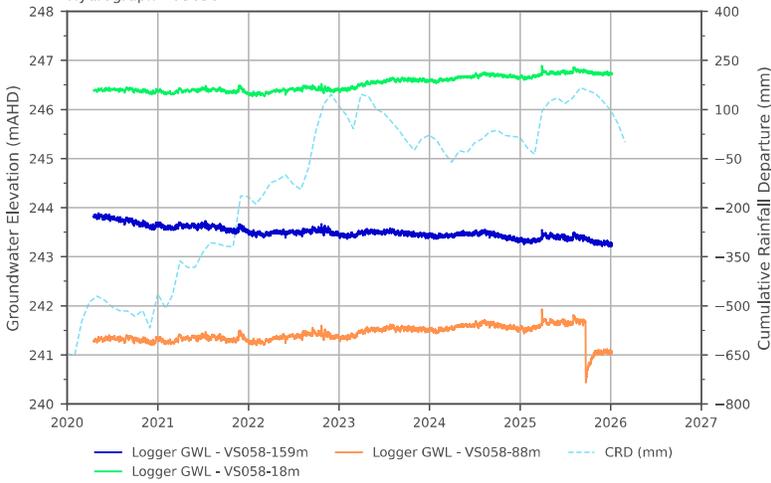
Logger GWL - TR18 Manual GWL CRD (mm)



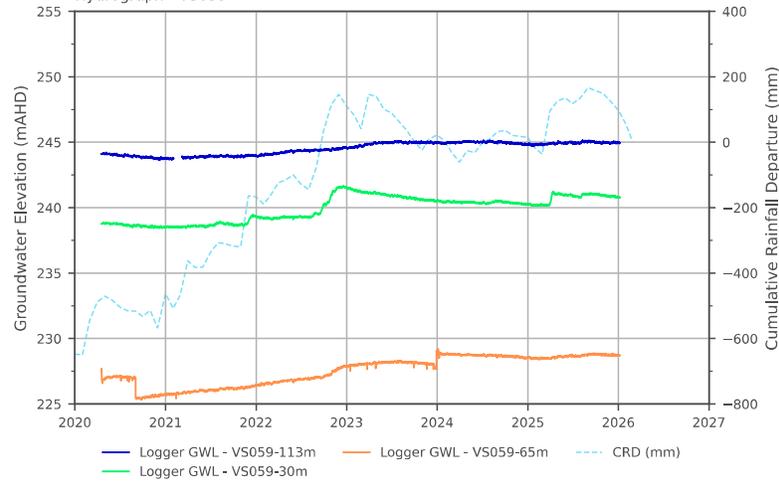




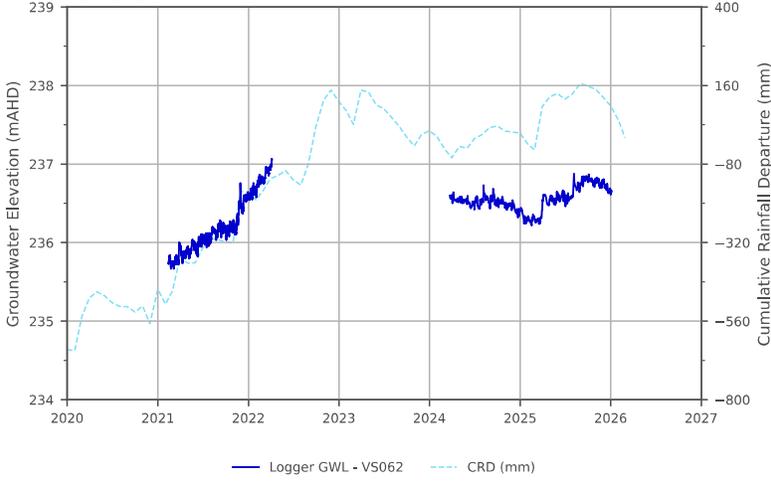
Hydrograph - VS058



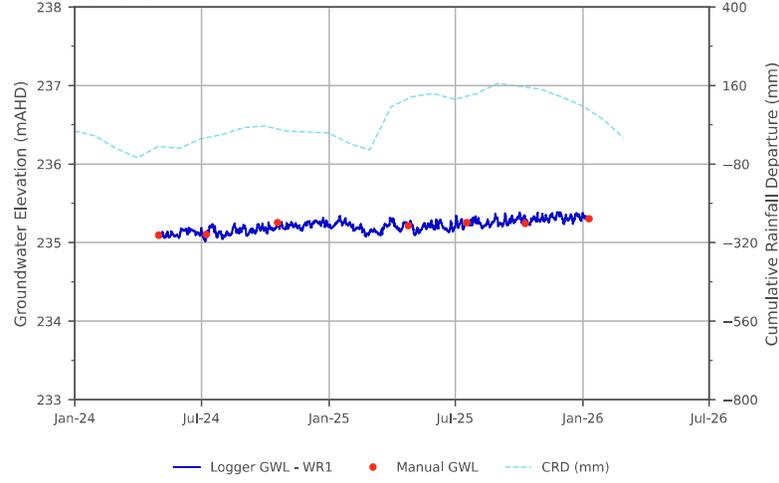
Hydrograph - VS059



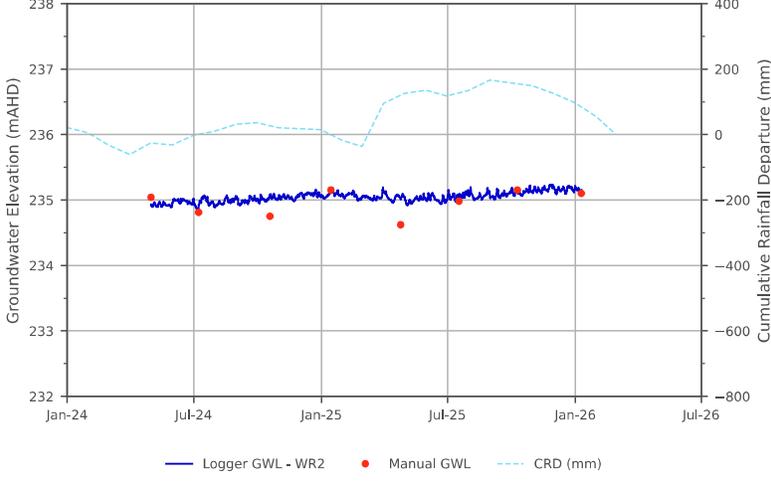
Hydrograph - VS062

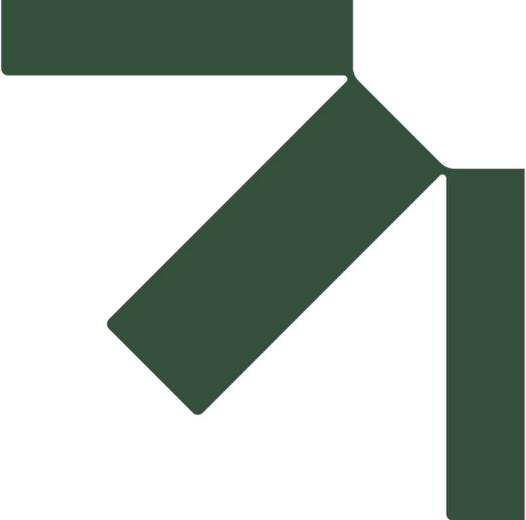


Hydrograph - WR1



Hydrograph - WR2





Appendix C Groundwater Quality Results

Vickery Extension Project Groundwater Monitoring Report

Quarterly Review November 2025 – January 2026

Whitehaven Coal Ltd

SLR Project No.: 640.031099.00001

20 March 2026

Table C-1: Field GW Monitoring Data

| Sample Location | Date | pH - Field | EC - Field (µS) | Temperature | Redox | Odour | Appearance | Colour | Comments |
|------------------------|------------------|------------|-----------------|-------------|---------------|-------|-----------------|-------------|--|
| SB02 | 24-10-2023 10:40 | 7.21 | 7250 | 24.1 | 44 Nil | | Slightly turbid | Orange | |
| GW01 | 24-10-2023 9:36 | 7.33 | 1042 | 22.4 | 79 Nil | | Clear | Colourless | |
| SB15 | 24-10-2023 10:10 | 7.29 | 1019 | 22.6 | 59 Nil | | Clear | Colourless | |
| SB06 | 24-10-2023 7:35 | 7.35 | 3280 | 20.6 | 41 Nil | | Clear | Colourless | |
| SB11 | 24-10-2023 8:25 | 7.26 | 1080 | 22.6 | 46 Nil | | Clear | Colourless | |
| SB10 | 23-10-2023 15:55 | 7.43 | 1880 | 24.3 | 34 Nil | | Clear | Colourless | Small amount of sediment in water |
| SB05 | 23-10-2023 16:20 | 2.09 | 3740 | 25 | 43 Nil | | Clear | Colourless | |
| SB09 | 23-10-2023 15:20 | 3.32 | 948.6 | 27.3 | 28 Nil | | Slightly turbid | Orange/brow | A lot of sediment in water, possible rust particles |
| SB01 | 23-10-2023 15:00 | 7.44 | 1541 | 26.5 | 36 Nil | | Clear | Colourless | |
| SB04 | 23-10-2023 13:19 | 7.29 | 2680 | 28.2 | 47 Slight | | Slightly turbid | Grey | Bailed due to depth; Standpipe extremely unstable; too shallow to hydrasleeve so bailed to test. |
| SB08 | 23-10-2023 13:35 | 7.24 | 983.3 | 26.3 | 41 Nil | | Clear | Colourless | |
| SB07 | 23-10-2023 11:47 | 7.35 | 769.7 | 23.2 | 46 Nil | | Clear | Colourless | |
| GW02 | 23-10-2023 10:51 | 7.59 | 731.3 | 25.2 | 25 Nil | | Clear | Colourless | |
| MD01 | 25-10-2023 9:50 | 11.58 | 1799 | 25.6 | -91 Slight | | Clear | Colourless | Slight unknown odour. No cap on bore; |
| MD02 | 25-10-2023 11:10 | 6.84 | 1195 | 27.4 | -69 Nil | | Clear | Colourless | |
| GW03 | 23-10-2023 14:14 | 7.19 | 862 | 25.9 | 21 Nil | | Clear | Colourless | Fence panels down and logger missing (assume down the bore). |
| TR26 | 25-10-2023 12:00 | 7.06 | 6290 | 26.3 | 52 Nil | | Clear | Colourless | |
| TR7 | 25-10-2023 12:25 | 6.53 | 14800 | 26.4 | 61 Nil | | Clear | Colourless | |
| TR18 | 25-10-2023 13:30 | 6.58 | 13400 | 27.8 | 99 Nil | | Clear | Colourless | |
| TR35 | 25-10-2023 14:10 | 6.66 | 15300 | 25.5 | -55 Slight | | Clear | Colourless | |
| VKY043C | 26-10-2023 8:25 | 7.72 | 2990 | 20 | -32 Nil | | Clear | Colourless | |
| VKY042C | 26-10-2023 11:45 | 6.75 | 5420 | 28.1 | -28 Nil | | Clear | Colourless | Unable to determine total bore depth as it was greater than 150m (length of the dip tape) |
| VKY035C | 26-10-2023 10:40 | 7.1 | 3110 | 25.5 | -26 Nil | | Clear | Colourless | |
| VKY034C | 26-10-2023 9:15 | 7.3 | 3590 | 23.4 | 70 Nil | | Clear | Colourless | |
| VKY036C | 26-10-2023 12:40 | 7.08 | 5600 | 25.1 | -39 Nil | | Clear | Colourless | |
| VNW390 | 24-10-2023 12:35 | 6.92 | 2300 | 22.6 | -96 Moderate | | Clear | Colourless | Sulphur odour |
| VNW391 | 24-10-2023 14:20 | 7.04 | 2530 | 23.9 | -60 Nil | | Clear | Colourless | |
| VNW392 | 22-11-2023 13:58 | 6.74 | 3690 | 20.8 | -96 Slight | | Clear | Colourless | No access - locked out on 24/10/2023; Sampled 22/11/2023; Slight H2S odour |
| VNW393 | 24-10-2023 13:05 | 7.36 | 2740 | 22.1 | 26 Slight | | Clear | Colourless | Slight sulphur odour |
| VNW394 | 22-11-2023 13:12 | 7.13 | 5520 | 12.8 | -70 Nil | | Slight | Grey | |
| VNW395 | 24-10-2023 13:41 | 7.47 | 462.8 | 20.9 | 57 Slight | | Clear | Colourless | No logger |
| GW-8 | 22-11-2023 15:47 | 7.11 | 4290 | 22.5 | -176 Nil | | Slight | Brown | Unable to locate on 27/10/2023; Sampled 22/11/2023 |
| GW-7 | 27-10-2023 11:50 | 8.89 | 4300 | 22.7 | 60 Nil | | Clear | Colourless | Suspended matter in water |
| VNW223 | 27-10-2023 10:10 | 7.25 | 5940 | 19.9 | 49 Nil | | Clear | Colourless | |
| GW-11 | 27-10-2023 9:40 | 7.36 | 4360 | 21.5 | -111 Nil | | Clear | Colourless | Old windmill overhead |
| GW-9 | 27-10-2023 12:55 | 7.94 | 6110 | 22.6 | -87 Nil | | Clear | Brown | Old windmill overhead |
| VKY GW Duplicate 1 | 24-10-2023 8:25 | 7.26 | 1081 | 22.6 | 46 Nil | | Clear | Colourless | Site duplicate taken from SB11 |
| VKY GW Duplicate 2 | 26-10-2023 8:25 | 7.71 | 2990 | 20.1 | -32 Nil | | Clear | Colourless | Site duplicate taken from VKY0043C |
| VKY GW Lab Split Dup 1 | 24-10-2023 8:25 | 7.27 | 1080 | 22.7 | 47 Nil | | Clear | Colourless | Site split duplicate taken from SB11 |
| VKY GW Lab Split Dup 2 | 26-10-2023 8:25 | 7.71 | 2990 | 20 | -33 Nil | | Clear | Colourless | Site split duplicate taken from VKY0043C |
| VKY GW Blank | 24-10-2023 7:35 | 8.77 | 13 | 15.4 | 70 Nil | | Clear | Colourless | Blank |
| SB02 | 25-10-2023 12:25 | 7.28 | 7330 | 22.5 | Clear Nil | | Slightly turbid | Orange | |
| GW01 | 23-01-2024 7:39 | 7.2 | 1265 | 19.6 | -15.7 Nil | | Clear | Colourless | |
| SB15 | 23-01-2024 8:05 | 7.23 | 1070 | 21.1 | -88 Nil | | Clear | Colourless | |
| SB06 | 17-01-2024 12:55 | 7.61 | 3460 | 26.5 | -84 Nil | | Turbid | Brown | |
| SB11 | 17-01-2024 13:26 | 7.7 | 1021 | 26.4 | -62 Nil | | Clear | Colourless | |
| SB10 | 17-01-2024 13:49 | 7.47 | 1972 | 29.7 | -69 Nil | | Clear | Colourless | |
| SB05 | 17-01-2024 14:31 | 7.73 | 3690 | 28 | -131 Nil | | Clear | Colourless | |
| SB09 | 17-01-2024 15:18 | 7.56 | 1014 | 26.1 | -70 Nil | | Slightly turbid | Black | |
| SB01 | 17-01-2024 14:58 | 7.31 | 1716 | 28.3 | -70 Nil | | Clear | Colourless | |
| SB04 | 17-01-2024 15:51 | 7.43 | 3360 | 24.6 | -188 Slightly | | Clear | Colourless | Slight H ₂ S odour |
| SB08 | 18-01-2024 16:09 | 7.39 | 1115 | 23.4 | -119 Nil | | Clear | Colourless | |
| SB07 | 17-01-2024 16:32 | 7.47 | 919 | 24.5 | -87 Nil | | Clear | Colourless | |
| GW02 | 18-01-2024 10:54 | 7.79 | 971 | 23.9 | -74 Nil | | Clear | Colourless | |
| MD01 | 18-01-2024 9:10 | 11.69 | 1786 | 22.9 | -135 Nil | | Slightly turbid | Brown | |
| MD02 | 23-01-2024 10:29 | 6.78 | 1306 | 24.3 | -140 Nil | | Clear | Colourless | |
| GW03 | 23-01-2024 6:59 | 7.16 | 888 | 19.6 | 66 Nil | | Clear | Colourless | |
| TR26 | 18-01-2024 13:35 | 7.16 | 8380 | 24.8 | -62 Nil | | Slightly turbid | Brown | |
| TR7 | 18-01-2024 13:55 | 7.05 | 1539 | 25.2 | -30 Nil | | Slightly turbid | Brown | |

| | | | | | | | | |
|-------------------------------|------------------|-------|-------|------|--------------|-----------------|------------|---|
| TR18 | 18-01-2024 14:28 | 6.85 | 1364 | 24.5 | -21 Nil | Slightly turbid | Brown | |
| TR35 | 18-01-2024 15:25 | 6.75 | 1733 | 24 | -63 Nil | Clear | Colourless | |
| VKY043C | 18-01-2024 14:58 | 7.8 | 3410 | 24.1 | -74 Nil | Clear | Colourless | |
| VKY042C | 23-01-2024 12:58 | 6.72 | 5430 | 31 | -119 Nil | Clear | Colourless | |
| VKY035C | 23-01-2024 12:14 | 7.01 | 3340 | 27.2 | -170 Nil | Clear | Colourless | |
| VKY034C | 23-01-2024 11:05 | 6.94 | 3850 | 29.4 | -149 Nil | Slightly turbid | Brown | |
| VKY036C | 23-01-2024 11:35 | 6.79 | 5810 | 28.7 | -139 Nil | Clear | Colourless | |
| VNW390 | 17-01-2024 11:23 | 7.13 | 2376 | 24.3 | -69 Nil | Clear | Colourless | |
| VNW391 | 17-01-2024 11:52 | 7.31 | 2471 | 23.1 | -109 Nil | Clear | Colourless | |
| VNW392 | 17-01-2024 12:22 | 6.74 | 3310 | 26.1 | -149 Nil | Clear | Grey | |
| VNW393 | 17-01-2024 10:51 | 7.56 | 2830 | 29.5 | -90 Slightly | Clear | Colourless | Very slight H ₂ S odour |
| VNW394 | 17-01-2024 9:30 | 6.92 | 5410 | 23.9 | -104 Nil | Slightly turbid | Grey | |
| VNW395 | 17-01-2024 11:39 | 7.77 | 1395 | 27 | -168 Nil | Clear | Grey | |
| GW-8 | 24-01-2024 13:55 | 7.03 | 3950 | 26.5 | -208 Nil | Clear | Black | |
| GW-7 | 23-01-2024 9:12 | 8.82 | 4490 | 23 | -64 Nil | Clear | Colourless | Site overgrown and dangerous - Need cleaning up |
| VNW223 | 24-01-2024 15:33 | - | - | - | - | - | - | Blocked at 1.3 mbtoc |
| GW-11 | 23-01-2024 14:26 | 6.93 | 4340 | 30.6 | -192 Nil | Slightly turbid | Orange | |
| GW-9 | 23-01-2024 13:49 | 6.68 | 3320 | 24.2 | -196 Nil | Slightly turbid | Brown | No logger |
| GW030051 | - | - | - | - | - | - | - | No access - NSWWater locked bore |
| GW030052 | - | - | - | - | - | - | - | No access - NSWWater locked bore |
| GW-2 | - | - | - | - | - | - | - | Unable to locate |
| VKY GW Duplicate 1 - MD01 | 18-01-2024 9:38 | 11.54 | 1848 | 22.9 | -147 Nil | Slightly turbid | Brown | |
| VKY GW Duplicate 2 - GW-11 | 23-01-2024 14:26 | - | - | - | - | - | - | |
| VKY GW Lab Split Dup 1 - MD01 | 18-01-2024 9:42 | 11.73 | 1872 | 22.9 | -149 Nil | Slightly turbid | Brown | |
| VKY GW Lab Split Dup 2 - GW-9 | 23-01-2024 13:53 | 6.65 | 3490 | 24.8 | -193 Nil | Slightly turbid | Brown | |
| VKY GW Blank | 17-01-2024 9:35 | 8.94 | 3.1 | 22.8 | 100 Nil | Clear | Colourless | |
| VS058 | 15-04-2024 13:49 | - | - | - | - | - | - | Li Battery 3.67V |
| SB02 | 15-04-2024 13:36 | 7.14 | 7210 | 24.7 | -128 Nil | Slightly Turbid | Orange | |
| GW01 | 15-04-2024 13:12 | 7.14 | 1384 | 26.5 | -127 Nil | Slightly Turbid | Black | Suspended solids minor |
| SB15 | 15-04-2024 12:56 | 7.17 | 972 | 27 | 43 Nil | Clear | Clear | Suspended solids minor |
| SB06 | 15-04-2024 12:21 | 7.42 | 3410 | 26.1 | -70 Nil | Turbid | Black | |
| SB11 | 15-04-2024 12:37 | 7.45 | 1048 | 24.3 | 69 Nil | Clear | Clear | |
| SB10 | 15-04-2024 11:11 | 7.28 | 1859 | 24 | -5 Nil | Slightly Turbid | Black | Suspended solids minor |
| SB05 | 15-04-2024 11:31 | 7.63 | 3680 | 22.9 | -113 Nil | Slightly Turbid | Black | Suspended solids moderate |
| SB09 | 15-04-2024 10:52 | 7.27 | 973 | 21.7 | -61 Nil | Turbid | Black | Suspended solids minor |
| SB01 | 15-04-2024 10:34 | 7.2 | 1698 | 24.1 | -91 Nil | Clear | Grey | Suspended solids minor |
| SB04 | 15-04-2024 9:21 | 7.27 | 1868 | 24.1 | -214 Yes | Turbid | Black | Sufer odour, suspended solids |
| SB08 | 15-04-2024 9:31 | 7.17 | 1039 | 21.2 | -55 Nil | Clear | Clear | |
| SB07 | 15-04-2024 8:48 | 7.28 | 934 | 21 | 57 Nil | Clear | Clear | Suspended solids minor |
| GW02 | 15-04-2024 8:16 | 7.14 | 926 | 24.3 | 8 Nil | Clear | Clear | Suspended solids moderate |
| VS062 | 15-04-2024 9:04 | - | - | - | - | - | - | Li Battery 3.64V |
| VS059 | 15-04-2024 12:05 | - | - | - | - | - | - | Li Battery 3.64V |
| VS056 | 17-04-2024 11:23 | - | - | - | - | - | - | |
| MD01 | 18-04-2024 10:23 | 10.73 | 1283 | 24.2 | -286 Strong | Slightly Turbid | Grey | Strong fecal odour |
| VS048 | 17-04-2024 10:59 | - | - | - | - | - | - | |
| VS054 | 17-04-2024 11:50 | - | - | - | - | - | - | Li Battery 3.65V |
| MD02 | 17-04-2024 11:38 | 6.59 | 1210 | 31.1 | -114 Slight | Clear | Clear | Suspended solids moderate |
| GW03 | 15-04-2024 9:56 | 7.05 | 862 | 24 | -26 Nil | Clear | Grey | Suspended solids minor |
| TR26 | 17-04-2024 12:31 | 7.11 | 5180 | 29.4 | 60 Nil | Clear | Clear | |
| TR7 | 17-04-2024 12:49 | 6.71 | 14410 | 27.4 | 157 Nil | Clear | Orange | Logger length recorded |
| TR18 | 17-04-2024 13:26 | 6.69 | 12730 | 27.8 | 57 Nil | Slightly Turbid | Orange | Logger length recorded |
| TR35 | 17-04-2024 14:20 | 6.72 | 16740 | 22.8 | 48 Nil | Clear | Clear | |
| VKY43C | 17-04-2024 14:06 | 7.65 | 3410 | 23.6 | -47 Nil | Slightly Turbid | Orange | Logger was not working, removed at client request, not being replaced |
| VKY041C | 17-04-2024 12:14 | - | - | - | - | - | - | Sensor 1: 51.7% (should be battery); Sensor 2: 35.2% (battery?) |
| VKY042C | 29-04-2024 10:32 | 6.61 | 5480 | 24.3 | -36 Nil | Clear | Clear | last 8m of logger cable rusty |
| VKY33C | 18-04-2024 11:03 | - | - | - | - | - | - | |
| VKY035C | 29-04-2024 14:41 | 6.88 | 3230 | 25 | -120 Nil | Clear | Clear | |
| VKY034C | 29-04-2024 9:58 | 7.05 | 4030 | 23.4 | -80 Nil | Clear | Grey | |
| VKY036C | 29-04-2024 14:10 | 6.8 | 5780 | 24.6 | -93 Nil | Clear | Clear | |
| VKY3053C | 29-04-2024 8:41 | - | - | - | - | - | - | In forest? Incline to east VKY034C; Battery = 34.9% |

| | | | | | | | | | |
|--------------------------------|------------------|------|-------|------|------|-----|-----------------|--------|--|
| VNW390 | 17-04-2024 8:30 | 6.59 | 2291 | 23.9 | -98 | Yes | Clear | Clear | Very slight sulfur odour |
| VNW391 | 17-04-2024 10:11 | 7.06 | 2352 | 24.3 | -107 | Nil | Clear | Clear | |
| VNW392 | 17-04-2024 10:25 | 6.66 | 3480 | 21.9 | -90 | Nil | Clear | Grey | Suspended solids minor |
| VNW393 | 15-04-2024 14:40 | 7.2 | 2840 | 26.9 | -103 | Nil | Clear | Grey | |
| VNW394 | 15-04-2024 14:16 | 6.94 | 5400 | 25.7 | -104 | Nil | Turbid | Black | |
| VNW395 | 17-04-2024 9:28 | 7.77 | 1681 | 27.1 | 41 | Nil | Clear | Clear | Logger length recorded |
| GW036459 | - | - | - | - | - | - | - | - | - |
| GW-8 | 29-04-2024 8:28 | 6.95 | 4000 | 19.7 | -151 | Nil | Clear | Grey | |
| GW-7 | 30-04-2024 11:31 | 8.79 | 4560 | 21.9 | 97 | Nil | Clear | Clear | |
| VWN223 | 29-04-2024 13:42 | - | - | - | - | - | - | - | Blocked at 1.3m |
| GW-11 | 29-04-2024 12:59 | 6.59 | 4550 | 25.1 | -123 | Nil | Clear | Orange | |
| GW-9 | 29-04-2024 12:10 | 6.81 | 5630 | 22.2 | -125 | Nil | Slightly Turbid | Orange | |
| GW030051 | - | - | - | - | - | - | - | - | No access, NSW Water locked bore |
| GW030052 | - | - | - | - | - | - | - | - | No access, NSW Water locked bore |
| GW-2 | 29-04-2024 11:30 | 6.85 | 1218 | 25.3 | 70 | Nil | Clear | Clear | Located, NotE? |
| WR1 | 30-04-2024 10:15 | 6.7 | 26500 | 22.7 | 217 | Nil | Clear | Grey | Logger + HS installed |
| WR2 | 30-04-2024 11:50 | 6.57 | 25340 | 22.5 | 155 | Nil | Slightly Turbid | Orange | Logger + HS installed |
| VKY GW Duplicate 1 - VWN390 | 17-04-2024 9:07 | 6.72 | 2320 | 22.4 | -96 | Nil | Clear | Clear | |
| VKY GW Duplicate 2 - GW-9 | 29-04-2024 12:33 | 6.72 | 5650 | 22.4 | -155 | Nil | Clear | Orange | |
| VKY GW Blank | 17-04-2024 8:25 | 7.56 | 3.7 | 18.1 | 141 | Nil | Clear | Clear | |
| VKY GW Lab Split Dup 1 - TR18 | 17-04-2024 13:52 | 6.77 | 13320 | 25.2 | 139 | Nil | Slightly Turbid | Orange | |
| VKY GW Lab Split Dup 2 - GW-11 | 29-04-2024 13:20 | 6.55 | 4520 | 25.1 | -121 | Nil | Clear | Orange | |
| VS058 | 01-07-2024 14:28 | - | - | - | - | - | - | - | - |
| SB02 | 01-07-2024 14:04 | 7.2 | 6860 | 20.3 | -109 | Nil | Slightly Turbid | Brown | - |
| GW01 | 01-07-2024 13:42 | 7.2 | 1052 | 19.1 | -32 | Nil | Clear | Clear | - |
| SB15 | 01-07-2024 13:25 | 7.3 | 1049 | 19.6 | 8 | Nil | Clear | Clear | - |
| SB06 | 01-07-2024 12:36 | 7.56 | 3440 | 18.6 | -56 | Nil | Turbid | Brown | Turbid brown |
| SB11 | 01-07-2024 13:05 | 7.77 | 461 | 17.9 | -11 | Nil | Clear | Clear | - |
| SB10 | 01-07-2024 12:01 | 7.5 | 1928 | 18 | -23 | Nil | Clear | Clear | Black particulate |
| SB05 | 01-07-2024 12:18 | 7.58 | 3490 | 18.6 | -126 | Nil | Clear | Clear | - |
| SB09 | 01-07-2024 11:40 | 7.52 | 1013 | 18.4 | -84 | Nil | Clear | Clear | Black particulate |
| SB01 | 01-07-2024 11:15 | 7.21 | 1756 | 17.6 | -134 | Nil | Clear | Clear | Black particulate |
| SB04 | 01-07-2024 10:07 | 7.12 | 2390 | 15.5 | -204 | H2S | Clear | Clear | H2S |
| SB08 | 01-07-2024 10:16 | 7.29 | 1088 | 16.9 | -132 | Nil | Clear | Clear | - |
| SB07 | 01-07-2024 9:51 | 7.22 | 978 | 15.8 | 28 | Nil | Clear | Clear | - |
| GW02 | 01-07-2024 9:00 | 7.23 | 1065 | 14.4 | 151 | Nil | Clear | Clear | - |
| VS062 | 01-07-2024 8:44 | - | - | - | - | - | - | - | - |
| VS059 | 01-07-2024 13:25 | - | - | - | - | - | - | - | - |
| VS056 | 04-07-2024 12:50 | - | - | - | - | - | - | - | - |
| | 04-07-2024 12:55 | - | - | - | - | - | - | - | - |
| MD01 | 04-07-2024 12:45 | 9.59 | 1505 | 19.6 | -244 | - | Slightly Turbid | Brown | H2S; Vegetable matter |
| VS048 | 04-07-2024 11:55 | - | - | - | - | - | - | - | - |
| VS054 | 04-07-2024 12:15 | - | - | - | - | - | - | - | Comm Port 25 (V3.66) |
| MD02 | 04-07-2024 12:24 | 6.57 | 1224 | 19.9 | -117 | - | Clear | Clear | Black particulate; vegetable matter |
| GW03 | 01-07-2024 10:45 | 7.36 | 947 | 15.7 | -143 | - | Clear | Clear | Slight H2S |
| TR26 | 05-07-2024 9:37 | 6.69 | 7330 | 20.4 | - | - | Slightly Turbid | Brown | |
| TR7 | 05-07-2024 10:27 | 6.82 | 15380 | 17.9 | - | - | Clear | Clear | |
| TR18 | 05-07-2024 10:53 | 6.64 | 15350 | 17.2 | - | - | Slightly Turbid | Brown | |
| TR35 | 05-07-2024 12:02 | 6.75 | 17260 | 18.7 | - | - | Clear | Clear | |
| VKY43C | 05-07-2024 11:38 | 7.85 | 3290 | 7.2 | - | - | Clear | Clear | |
| VKY041C | 04-07-2024 13:45 | - | - | - | - | - | - | - | Battery 53% |
| | 04-07-2024 13:45 | - | - | - | - | - | - | - | Battery 34% |
| VKY042C | 08-07-2024 15:02 | 6.65 | 5990 | 19.5 | -13 | - | Clear | Clear | |
| VKY33C | 05-07-2024 12:32 | - | - | - | - | - | - | - | Lithium 34% |
| | 05-07-2024 12:32 | - | - | - | - | - | - | - | Lithium 37.1% |
| VKY035C | 08-07-2024 13:25 | 6.9 | 3290 | 20.6 | -88 | - | Clear | Clear | - |
| VKY034C | 05-07-2024 12:40 | 7.25 | 4170 | 19.3 | - | - | Slightly Turbid | Grey | Slightly turbid; too turbid to filter, lab to filter; Grey |
| VKY036C | 08-07-2024 14:27 | 7.19 | 5830 | 20.5 | -111 | - | Clear | Clear | - |
| VKY3053C | 05-07-2024 8:31 | - | - | - | - | - | - | - | Lithium |
| VNW390 | 04-07-2024 9:45 | 6.84 | 2473 | 17.7 | -117 | - | Clear | Clear | |

| | | | | | | | | | |
|----------------------------------|------------------|------|-------|------|------|----------|-----------------|------------|---|
| VNW391 | 04-07-2024 11:03 | 6.81 | 2458 | 19.2 | -134 | - | Clear | Clear | |
| VNW392 | 04-07-2024 11:24 | 6.51 | 3510 | 19.6 | -78 | - | Clear | Clear | Slight H2S odor, black particulate |
| VNW393 | 04-07-2024 8:45 | 7.13 | 3090 | 18.4 | 104 | - | Clear | Clear | |
| VNW394 | 04-07-2024 8:28 | 6.62 | 5620 | 18.2 | 227 | - | Slightly Turbid | Grey | |
| VNW395 | 04-07-2024 10:27 | 7.61 | 1832 | 18.5 | -4 | - | Clear | Clear | Logger not responding |
| GW036459 | - | - | - | - | - | - | - | - | No access - WaterNSW locked bore |
| GW-8 | 05-07-2024 8:00 | 6.49 | 4100 | 12.5 | - | - | Slightly Turbid | Brown | |
| GW-7 | 05-07-2024 10:39 | 8.67 | 4710 | 18.1 | 135 | - | Clear | Clear | |
| VNW223 | 05-07-2024 12:58 | - | - | - | - | - | - | - | Blocked at 1.38mboc |
| GW-11 | 08-07-2024 12:20 | 6.09 | 4760 | 18.8 | -54 | - | Slightly Turbid | Brown | |
| GW-9 | 08-07-2024 11:50 | 6.76 | 1591 | 19.3 | -130 | - | Slightly Turbid | Green | Slightly turbid; green |
| GW030051 | - | - | - | - | - | - | - | - | No access - WaterNSW locked bore |
| GW030052 | - | - | - | - | - | - | - | - | No access - WaterNSW locked bore |
| GW-2 | - | - | - | - | - | - | - | - | Unable to locate |
| WR1 | 08-07-2024 0:00 | 6.47 | 26800 | 18.2 | 254 | - | Slightly Turbid | Brown | |
| WR2 | 08-07-2024 0:00 | 6.52 | 26600 | 17 | 10 | - | Slightly Turbid | Brown | |
| VKY GW Duplicate 1 - VNW390 | 04-07-2024 0:00 | 6.69 | 2366 | 19 | -111 | - | Clear | Clear | |
| VKY GW Duplicate 2 - TR26 | 05-07-2024 0:00 | 7.03 | 7330 | 20.4 | - | - | Slightly Turbid | Brown | |
| VKY GW Blank | 01-07-2024 0:00 | 7.1 | 2315 | 14.4 | -124 | - | Clear | Clear | |
| VKY GW Lab Split Dup 1 - VNW393 | 04-07-2024 0:00 | 6.97 | 3270 | 20.5 | -85 | - | Clear | Clear | |
| VKY GW Lab Split Dup 2 - VKY035C | 08-07-2024 0:00 | 8 | 1.6 | 11 | 92 | - | Clear | Clear | |
| GW-11 | 18-10-2024 9:25 | 7.17 | 4760 | 22.6 | -94 | NIL | Clear | Brown | Overgrown |
| GW-13 | 21-10-2024 12:48 | 7.35 | 1647 | 23.5 | -158 | NIL | Clear | Black | C? |
| GW-14 | 21-10-2024 10:33 | 6.95 | 3840 | 23.4 | 22 | NIL | Clear | Colourless | Overgrown |
| GW-2 | 22-10-2024 10:58 | 6.84 | 1226 | 21 | 100 | NIL | Clear | Colourless | - |
| GW-6 | 15-11-2024 9:11 | 7.73 | 1459 | 27.3 | -142 | NIL | Slightly Turbid | Black | No access to bore on 21-10-24; uncovered on 15-11-24 |
| GW-7 | 18-10-2024 13:30 | 8.3 | 4470 | 24.5 | 55 | NIL | Clear | Colourless | Overgrown |
| GW-8 | 21-10-2024 8:40 | 7 | 3930 | 16.1 | -210 | NIL | Slightly Turbid | Brown | - |
| GW-9 | 21-10-2024 9:40 | 6.68 | 1099 | 20.7 | -188 | NIL | Slightly Turbid | Orange | - |
| GW01 | 14-10-2024 13:47 | 7.16 | 738 | 19.8 | -84 | S | Clear | Colourless | Slight H2S odour. Ant bait changed. |
| GW02 | 14-10-2024 8:50 | 7.42 | 1016 | 18.7 | 196 | NIL | Clear | Colourless | Comport 1?. Ant bait changed. |
| GW03 | 14-10-2024 11:10 | 7.22 | 1004 | 19 | -39 | NIL | Clear | Colourless | Ant bait changed. |
| MD01 | 15-10-2024 12:16 | 8.33 | 1787 | 25 | -280 | Decompos | Slightly Turbid | Grey | Decomposing odour (organic matter?) |
| MD02 | 15-10-2024 12:03 | 6.72 | 1279 | 25 | -71 | NIL | Clear | Colourless | - |
| SB01 | 14-10-2024 11:31 | 7.23 | 1869 | 20.7 | -60 | NIL | Clear | Colourless | - |
| SB02 | 14-10-2024 14:06 | 7.23 | 7250 | 19.9 | -113 | NIL | Slightly Turbid | Brown | - |
| SB04 | 14-10-2024 10:22 | 7.21 | 2289 | 19.4 | -178 | Mild H2S | Clear | Colourless | Mild H2S |
| SB05 | 14-10-2024 12:27 | 7.71 | 3790 | 19.5 | -45 | NIL | Clear | Colourless | - |
| SB06 | 14-10-2024 12:48 | 7.7 | 2790 | 19.5 | -113 | NIL | Slightly Turbid | Grey | - |
| SB07 | 14-10-2024 9:42 | 7.58 | 1042 | 18.4 | 98 | NIL | Clear | Colourless | - |
| SB08 | 14-10-2024 10:35 | 7.27 | 388 | 19.3 | -57 | Mild H2S | Clear | Colourless | Mild H2S |
| SB09 | 14-10-2024 11:58 | 7.44 | 1130 | 20.6 | 7 | NIL | Clear | Colourless | - |
| SB10 | 14-10-2024 12:09 | 7.38 | 2200 | 20.4 | 32 | NIL | Clear | Grey | - |
| SB11 | 14-10-2024 13:07 | 7.51 | 1266 | 19.8 | -9 | NIL | Clear | Colourless | - |
| SB15 | 14-10-2024 13:30 | 7.24 | 1143 | 19.8 | 44 | NIL | Clear | Colourless | - |
| TR18 | 15-10-2024 14:05 | 6.79 | 13820 | 21.3 | 100 | NIL | Slightly Turbid | Brown | Logger removed |
| TR26 | 15-10-2024 13:30 | 6.93 | 6090 | 28.5 | -31 | NIL | Clear | Colourless | - |
| TR35 | 15-10-2024 14:34 | 6.73 | 16690 | 23 | 92 | NIL | Clear | Colourless | - |
| TR7 | 15-10-2024 13:45 | 6.63 | 1484 | 26.2 | 80 | NIL | Clear | Colourless | - |
| VKY035C | 18-10-2024 11:15 | 7.09 | 3330 | 28.4 | -48 | NIL | Clear | Colourless | - |
| VKY036C | 18-10-2024 10:24 | 7.21 | 6020 | 24.7 | -71 | NIL | Clear | Grey | - |
| VKY042C | 18-10-2024 10:54 | 6.72 | 5850 | 23.9 | -18 | NIL | Clear | Colourless | - |
| VKY034C | 18-10-2024 12:02 | 7.25 | 3970 | 26.4 | 29 | NIL | Turbid | Grey | Too turbid, send lab to filter |
| VKY041C | 15-10-2024 13:09 | - | - | - | - | - | - | - | Not sure which is which as no machine serial numbers on loggers.Change battery in 02027.Ant bait changed. |
| VKY041C | 15-10-2024 13:09 | - | - | - | - | - | - | - | Ant bait changed |
| VKY043C | 15-10-2024 14:20 | 7.7 | 3050 | 22.7 | 30 | NIL | Clear | Colourless | |
| VKY33C | 18-10-2024 12:44 | - | - | - | - | - | - | - | Ant bait changed |
| VKY33C | 18-10-2024 12:46 | - | - | - | - | - | - | - | Ant bait changed |
| VKY3053C | 21-10-2024 8:46 | - | - | - | - | - | - | - | Ant bait changed |
| VNW223 | 18-10-2024 8:32 | 7.17 | 5360 | 22.2 | 129 | NIL | Clear | Colourless | |

| | | | | | | | | | |
|--------------------------------|------------------|------|-------|------|------|-----|-----------------|------------|--|
| VNW390 | 15-10-2024 10:09 | 6.81 | 2431 | 21.6 | -103 | NIL | Clear | Colourless | |
| VNW394 | 15-10-2024 9:10 | 7.07 | 5420 | 19.8 | -98 | NIL | Clear | Colourless | |
| VNW392 | 15-10-2024 11:04 | 6.74 | 3410 | 23.3 | -60 | NIL | Clear | Colourless | |
| VNW393 | 15-10-2024 9:45 | 7.16 | 3140 | 23.7 | -117 | NIL | Clear | Colourless | |
| VNW391 | 15-10-2024 10:45 | 7.1 | 2424 | 22.4 | -104 | NIL | Clear | Colourless | |
| VNW395 | 15-10-2024 10:30 | 7.56 | 1834 | 21.7 | 40 | NIL | Clear | Colourless | No logger; Ant bait changed |
| VS048 | 15-10-2024 11:35 | - | - | - | - | - | - | - | Ant bait changed |
| VS054 | 15-10-2024 11:51 | - | - | - | - | - | - | - | Comport 25; Ant bait changed |
| VS056 | 15-10-2024 12:24 | - | - | - | - | - | - | - | Ant bait changed |
| VS056 | 15-10-2024 12:24 | - | - | - | - | - | - | - | Ant bait changed |
| VS058 | 14-10-2024 14:20 | - | - | - | - | - | - | - | Ant bait changed |
| VS059 | 14-10-2024 8:30 | - | - | - | - | - | - | - | Ant bait changed |
| VS062 | 14-10-2024 10:00 | - | - | - | - | - | - | - | Ant bait changed |
| WR1 | 18-10-2024 13:58 | 6.5 | 26800 | 23.5 | 150 | NIL | Clear | Grey | Comport 8 |
| WR2 | 18-10-2024 14:40 | 6.36 | 26600 | 24.2 | -37 | NIL | Slightly Turbid | Grey | |
| GW036459 | - | - | - | - | - | - | - | - | No access - NSW Water locked bore |
| GW030051 | - | - | - | - | - | - | - | - | No access - NSW Water locked bore |
| GW030052 | - | - | - | - | - | - | - | - | No access - NSW Water locked bore |
| GW-4 | 15-11-2024 8:50 | 7.92 | 2980 | 21.8 | 177 | NIL | Slightly Turbid | Colourless | No access for sampling on 22 Oct 2024, bore uncovered on 15 Nov 2024 |
| GW-10 | 22-10-2024 11:45 | 7.57 | 1438 | 23.8 | 93 | NIL | Clear | Orange | - |
| GW-15 | 22-10-2024 13:30 | 8.97 | 638 | 23.6 | 12 | NIL | Clear | Colourless | See photos |
| GW971614 | 22-10-2024 9:40 | 6.65 | 651 | 19 | 219 | NIL | Clear | Colourless | Sampled from tank outflow? |
| GW971400 | 22-10-2024 10:15 | 6.8 | 2458 | 20.2 | 76 | NIL | Clear | Colourless | Sampled from outflow |
| GW4 | 22-10-2024 11:30 | - | - | - | - | - | - | - | No access |
| VKY GW Duplicate 1 - GW-9 | 21-10-2024 9:40 | 6.66 | 1076 | 20.3 | 779 | NIL | Slightly Turbid | Orange | - |
| VKY GW Duplicate 2 - GW-10 | 22-10-2024 11:45 | 7.54 | 1478 | 23.7 | 77 | NIL | Clear | Colourless | - |
| VKY GW Blank | 21-10-2024 7:30 | 7.5 | 3.2 | 19.7 | -83 | NIL | Clear | Colourless | - |
| VKY GW Lab Split Dup 1 - GW-14 | 21-10-2024 10:33 | 6.91 | 3830 | 21.6 | 10 | NIL | Clear | Colourless | - |
| VKY GW Lab Split Dup 2 - GW-10 | 22-10-2024 11:45 | 7.6 | 1477 | 22.8 | 110 | NIL | Clear | Colourless | - |
| GW-11 | 15-01-2025 12:25 | 7.03 | 4310 | 33.5 | -142 | NIL | Slightly Turbid | Grey | - |
| GW-13 | 15-01-2025 13:30 | 7.3 | 1570 | 32.7 | 55 | NIL | Clear | Green/Grey | - |
| GW-14 | 16-01-2025 8:30 | 6.53 | 4260 | 21.8 | -215 | NIL | Clear | Colourless | - |
| GW-2 | 16-01-2025 7:50 | 6.45 | 1339 | 20.6 | -210 | NIL | Clear | Colourless | - |
| GW-6 | 15-01-2025 13:45 | 7.52 | 1256 | 31.5 | -142 | NIL | Slightly Turbid | Green | - |
| GW-7 | 16-01-2025 9:30 | 7.76 | 4690 | 25.5 | -192 | NIL | Clear | Colourless | - |
| GW-8 | 15-01-2025 7:45 | 6.62 | 4350 | 28.9 | -119 | NIL | Slightly Turbid | Brown | - |
| GW-9 | 16-01-2025 7:40 | 5.4 | 1544 | 21.6 | -147 | NIL | Slightly Turbid | Brown | - |
| GW01 | 14-01-2025 8:08 | 7.1 | 1244 | 23.6 | -164 | NIL | Clear | Colourless | - |
| GW02 | 13-01-2025 8:45 | 6.63 | 992 | 22 | 69 | NIL | Clear | Colourless | D/cell |
| GW03 | 13-01-2025 12:42 | 7.08 | 983 | 26.2 | -143 | NIL | Clear | Grey | - |
| MD01 | 14-01-2025 10:11 | 8.84 | 1519 | 28.1 | -323 | NIL | Clear | Colourless | Mild H2S Odour |
| MD02 | 14-01-2025 9:37 | 6.81 | 1381 | 28.9 | -158 | NIL | Clear | Colourless | - |
| SB01 | 13-01-2025 13:12 | 7.12 | 1851 | 26.7 | -114 | NIL | Clear | Grey | - |
| SB02 | 14-01-2025 8:32 | 7.22 | 6990 | 28.4 | -126 | NIL | Clear | Colourless | - |
| SB04 | 13-01-2025 11:52 | 7.04 | 3420 | 25.3 | -171 | S | Slightly Turbid | Grey | H2S ODOR |
| SB05 | 13-01-2025 14:30 | 7.52 | 3660 | 25.2 | -128 | NIL | Slightly Turbid | Grey | - |
| SB06 | 13-01-2025 15:04 | 7.42 | 3160 | 29.3 | -127 | NIL | Clear | Grey | - |
| SB07 | 13-01-2025 9:32 | 7.29 | 1009 | 22.7 | -53 | NIL | Clear | Colourless | TR7 Logger |
| SB08 | 13-01-2025 12:04 | 7.27 | 1154 | 24.7 | -68 | NIL | Clear | Colourless | - |
| SB09 | 13-01-2025 13:40 | 7.4 | 1045 | 28.4 | -78 | NIL | Clear | Colourless | - |
| SB10 | 13-01-2025 14:06 | 7.25 | 2086 | 28.4 | 22 | NIL | Clear | Colourless | - |
| SB11 | 13-01-2025 15:19 | 7.39 | 1209 | 27.8 | -27 | NIL | Clear | Colourless | - |
| SB15 | 14-01-2025 7:42 | 7.41 | 1163 | 23 | 61 | NIL | Clear | Colourless | - |
| TR18 | 14-01-2025 13:10 | 6.68 | 13810 | 27.3 | 12 | NIL | Slightly Turbid | Grey | - |
| TR26 | 14-01-2025 12:40 | 6.85 | 6170 | 35.3 | -47 | NIL | Slightly Turbid | Grey | - |
| TR35 | 14-01-2025 13:40 | 6.54 | 18320 | 26 | 122 | NIL | Clear | Colourless | - |
| TR7 | 14-01-2025 12:55 | 6.51 | 1552 | 26.8 | 76 | NIL | Slightly Turbid | Grey | - |
| VKY035C | 15-01-2025 10:10 | 6.93 | 3220 | 30.2 | -86 | NIL | Clear | Colourless | - |
| VKY036C | 15-01-2025 10:45 | 7.06 | 2980 | 30.6 | -110 | NIL | Slightly Turbid | Grey | - |

| | | | | | | | | | |
|--------------------------------|------------------|------|-------|------|------|-----|-----------------|------------|---|
| VKY042C | 15-01-2025 11:15 | 6.64 | 5590 | 30.4 | -54 | NIL | Clear | Colourless | - |
| VKY034C | 15-01-2025 9:45 | 7.16 | 3910 | 28.9 | 18 | NIL | Grey | Grey | Too turbid to field filter |
| VKY041C | 15-01-2025 12:10 | - | - | - | - | - | - | - | Batt. 48.7% |
| VKY041C | 15-01-2025 12:18 | - | - | - | - | - | - | - | Batt. 31.2% |
| VKY043C | 14-01-2025 13:25 | 7.5 | 3240 | 31 | -42 | NIL | Clear | Colourless | - |
| VKY33C | 15-01-2025 9:35 | - | - | - | - | - | - | - | Batt. 34.5% |
| VKY33C | 15-01-2025 9:35 | - | - | - | - | - | - | - | - |
| VKY3053C | 15-01-2025 8:00 | - | - | - | - | - | - | - | - |
| VNW223 | 15-01-2025 11:45 | 7.07 | 4390 | 32.5 | 88 | NIL | Clear | Colourless | - |
| VNW390 | 14-01-2025 10:15 | 6.96 | 2629 | 28.4 | -10 | NIL | Clear | Colourless | - |
| VNW391 | 14-01-2025 11:40 | 7.02 | 2550 | 24.7 | -129 | NIL | Clear | Green | - |
| VNW392 | 14-01-2025 12:10 | 6.47 | 3480 | 31.3 | -467 | NIL | Clear | Colourless | - |
| VNW393 | 14-01-2025 11:30 | 6.94 | 3210 | 29.8 | -70 | NIL | Clear | Grey | - |
| VNW394 | 14-01-2025 11:00 | 6.87 | 5480 | 29.5 | -46 | NIL | Slightly Turbid | Grey | - |
| VNW395 | 14-01-2025 11:17 | 7.58 | 2153 | 23.1 | -229 | S | Clear | Green | Slight Unknown |
| VS048 | 14-01-2025 10:55 | - | - | - | - | - | - | - | D-cell |
| VS054 | 14-01-2025 9:55 | - | - | - | - | - | - | - | Lithium Dk |
| VS056 | 14-01-2025 10:32 | - | - | - | - | - | - | - | D-cell |
| VS056 | 14-01-2025 10:38 | - | - | - | - | - | - | - | D-cell |
| VS058 | 14-01-2025 8:57 | - | - | - | - | - | - | - | Lithium Dk |
| VS059 | 13-01-2025 8:15 | - | - | - | - | - | - | - | Indicated low battery-changed |
| VS062 | 13-01-2025 11:25 | - | - | - | - | - | - | - | D-cell |
| WR-1 | 14-01-2025 9:30 | 6.95 | 25400 | 27.8 | 93 | NIL | Clear | Colourless | - |
| WR-2 | 14-01-2025 7:50 | 6.41 | 27900 | 23.8 | 29 | NIL | Slightly Turbid | Colourless | - |
| GW-4 | 16-01-2025 8:25 | 7.84 | 2970 | 21 | -258 | NIL | Clear | Colourless | - |
| GW-10 | 15-01-2025 13:00 | 7.36 | 1423 | - | 67 | NIL | Clear | Green | - |
| GW-15 | 15-01-2025 8:43 | 8.85 | 644 | 30.8 | -224 | NIL | Clear | Colourless | - |
| GW971614 | 16-01-2025 12:00 | 7.08 | 608 | 26.7 | -106 | NIL | Clear | Colourless | - |
| Landreef Tap | 16-01-2025 11:30 | 6.96 | 841 | 27.6 | -103 | NIL | Clear | Colourless | - |
| VKY GW Duplicate 1 - GW-15 | 15-01-2025 8:45 | 8.91 | 684 | 26.4 | -200 | NIL | Clear | Colourless | - |
| VKY GW Duplicate 2 - GW-11 | 15-01-2025 12:25 | 6.92 | 4650 | 30 | -124 | NIL | Clear | Colourless | - |
| VKY GW Blank | 16-01-2025 8:40 | 4.83 | -5.8 | 22.7 | 286 | NIL | Clear | Colourless | - |
| VKY GW Lab Split Dup 1 - GW-15 | 15-01-2025 8:45 | 8.94 | 716 | 24.4 | -187 | NIL | Clear | Colourless | - |
| VKY GW Lab Split Dup 2 - GW-11 | 15-01-2025 12:25 | 8.67 | 4840 | 27.2 | -118 | NIL | Clear | Colourless | - |
| GW-13 | 16-04-2025 12:01 | 7.24 | 822 | 22.8 | 66 | NIL | Clear | Colourless | - |
| GW-14 | 16-04-2025 14:38 | 6.94 | 3360 | 21.2 | 74 | NIL | Clear | Colourless | - |
| GW-2 | 16-04-2025 13:58 | 6.86 | 1191 | 21.1 | 119 | NIL | Clear | Colourless | - |
| GW-6 | 16-04-2025 12:28 | 7.6 | 1388 | 23.5 | -168 | S | Slightly Turbid | Brown | Slight hydrocarbon odour |
| GW02 | 15-04-2025 11:53 | 7.74 | 872 | 24.4 | 26 | NIL | Clear | Colourless | - |
| GW03 | 15-04-2025 13:29 | 7.17 | 8720 | 23.4 | -85 | VS | Clear | Grey | Very slight H2S Odour |
| MD01 | 15-04-2025 11:21 | 8.67 | 1438 | 23.9 | -244 | STG | Clear | Colourless | Strong Unknown Odour |
| MD02 | 15-04-2025 10:55 | 6.8 | 1232 | 25.1 | -61 | NIL | Clear | Colourless | - |
| SB04 | 15-04-2025 12:49 | 7.15 | 2184 | 22.5 | -171 | S | Turbid | Grey | Slight H2S Odour |
| SB07 | 15-04-2025 11:53 | 7.32 | 908 | 22 | 63 | NIL | Clear | Colourless | - |
| SB08 | 15-04-2025 13:05 | 7.22 | 1035 | 21.4 | -95 | S | Clear | Colourless | - |
| TR18 | 16-04-2025 8:20 | 6.93 | 1362 | 17.5 | 131 | NIL | Slight Turbid | Grey | - |
| TR26 | 16-04-2025 7:50 | 7.09 | 7290 | 19 | 117 | NIL | Slight Turbid | Brown | - |
| TR35 | 16-04-2025 8:53 | 6.96 | 1618 | 18.9 | 163 | NIL | Clear | Colourless | - |
| TR7 | 16-04-2025 8:05 | 6.93 | 1535 | 17 | 113 | NIL | Clear | Colourless | - |
| VKY035C | 16-04-2025 10:05 | 7.01 | 3170 | 22.2 | -17 | S | Clear | Colourless | Slight Unknown Odour |
| VKY036C | 16-04-2025 10:23 | 7.3 | 5720 | 22 | -89 | NIL | Clear | Colourless | - |
| VKY042C | 16-04-2025 10:57 | 6.71 | 5510 | 22.3 | -3 | NIL | Clear | Colourless | - |
| VKY034C | 16-04-2025 9:36 | 7.21 | 3840 | 22.2 | 53 | NIL | Slight Turbid | Grey | Too turbid to filter – Lab to filter |
| VKY043C | 16-04-2025 8:36 | 7.87 | 3510 | 16.8 | 30 | NIL | Clear | Colourless | - |
| VNW390 | 15-04-2025 9:03 | 6.84 | 2350 | 21.3 | -154 | S | Clear | Colourless | Very slight H2S |
| VNW391 | 15-04-2025 9:43 | 7.03 | 2308 | 21.9 | -193 | NIL | Clear | Colourless | - |
| VNW392 | 15-04-2025 9:56 | 6.67 | 3340 | 20.9 | -132 | NIL | Clear | Colourless | - |
| VNW393 | 15-04-2025 8:39 | 7.11 | 3100 | 21.3 | -111 | NIL | Clear | Colourless | - |
| VNW394 | 15-04-2025 8:04 | 6.84 | 5520 | 20.6 | -199 | S | Slight Turbid | Black | Slight H2S |
| VNW395 | 15-04-2025 9:30 | 7.31 | 2280 | 20 | -272 | M | Clear | Colourless | No logger – faulty and removed previously |

| | | | | | | | | | |
|----------|------------------|------|-------|------|------|--------|-----------------|------------|---------------------------|
| GW-4 | 16-04-2025 13:29 | 8.11 | 2990 | 22.6 | 57 | NIL | Clear | Colourless | |
| GW-10 | 16-04-2025 11:37 | 7.92 | 1808 | 23 | 37 | NIL | Clear | Brown | |
| GW-15 | 15-04-2025 14:50 | 8.96 | 680 | 21.9 | -18 | NIL | Clear | Colourless | |
| GW-11 | 09-07-2025 11:57 | 6.62 | 4570 | 21.2 | 90 | NIL | Clear | Colourless | |
| GW-13 | 09-07-2025 9:20 | 7.27 | 1009 | 19.3 | -97 | NIL | Clear | Colourless | |
| GW-14 | 09-07-2025 13:39 | 6.99 | 3710 | 21.6 | 68 | NIL | Clear | Colourless | |
| GW-2 | 09-07-2025 10:58 | 6.87 | 1254 | 19.5 | 91 | NIL | Clear | Colourless | |
| GW-6 | 09-07-2025 9:58 | 7.60 | 1453 | 20.8 | -138 | NIL | Clear | Colourless | |
| GW-7 | 17-07-2025 12:02 | 8.25 | 4410 | 17 | 113 | NIL | Clear | Colourless | |
| GW-8 | 17-07-2025 12:56 | 7.14 | 4690 | 15.8 | -107 | NIL | Clear | Colourless | |
| GW-9 | 09-07-2025 11:24 | 7.07 | 714 | 19.5 | -130 | NIL | Turbid | Brown | |
| GW01 | 17-07-2025 10:08 | 7.00 | 1388 | 18.1 | -2 | NIL | Clear | Colourless | |
| GW02 | 03-07-2025 10:53 | 7.17 | 936 | 16.6 | 204 | NIL | Clear | Colourless | |
| GW03 | 03-07-2025 12:52 | 7.17 | 909 | 17.1 | 68 | NIL | Clear | Colourless | |
| MD01 | 04-07-2025 11:34 | 8.22 | 1969 | 19.5 | -227 | NIL | Clear | Colourless | Slight unkwon? |
| MD02 | 04-07-2025 12:11 | 6.71 | 1250 | 20.9 | -46 | NIL | Clear | Colourless | |
| SB01 | 03-07-2025 13:44 | 7.19 | 1729 | 18.3 | -19 | NIL | Clear | Colourless | |
| SB02 | 17-07-2025 9:30 | 7.08 | 7120 | 18.4 | -33 | NIL | Clear | Colourless | |
| SB04 | 03-07-2025 12:12 | 7.11 | 2790 | 18.1 | -112 | NIL | Clear | Colourless | Slight Medium H2S |
| SB05 | 03-07-2025 14:35 | 7.64 | 3500 | 18.1 | -68 | NIL | Clear | Colourless | |
| SB06 | 03-07-2025 14:54 | 7.63 | 3240 | 17.6 | -102 | NIL | Clear | Colourless | |
| SB07 | 03-07-2025 11:25 | 7.18 | 925 | 17.6 | 191 | NIL | Clear | Colourless | |
| SB08 | 03-07-2025 12:18 | 7.39 | 1153 | 16.9 | 17 | NIL | Clear | Colourless | |
| SB09 | 03-07-2025 14:03 | 7.47 | 1027 | 17.3 | -28 | NIL | Clear | Colourless | |
| SB10 | 03-07-2025 14:18 | 7.37 | 2066 | 18.4 | 42 | NIL | Clear | Colourless | |
| SB11 | 03-07-2025 15:12 | 7.46 | 1172 | 17.7 | -8 | NIL | Clear | Colourless | |
| SB15 | 17-07-2025 10:42 | 6.99 | 962 | 19.2 | 41 | NIL | Clear | Colourless | |
| TR18 | 08-07-2025 10:45 | 6.74 | 14060 | 19.1 | 101 | NIL | Slightly Turbid | Grey | |
| TR26 | 08-07-2025 9:56 | 7.03 | 7010 | 17.9 | 15 | NIL | Clear | Colourless | Lab to filter |
| TR35 | 08-07-2025 11:26 | 6.72 | 17160 | 18.4 | 112 | NIL | Clear | Colourless | |
| TR7 | 08-07-2025 10:22 | 6.69 | 15020 | 18.9 | 111 | NIL | Clear | Colourless | |
| VKY035C | 08-07-2025 12:45 | 6.96 | 3300 | 20.2 | -23 | NIL | Clear | Colourless | |
| VKY036C | 08-07-2025 13:26 | 7.12 | 5810 | 20.6 | -96 | NIL | Slightly Turbid | Colourless | Lab to filter |
| VKY042C | 08-07-2025 14:03 | 6.70 | 5550 | 20.3 | -6 | NIL | Clear | Colourless | |
| VKY034C | 08-07-2025 12:07 | 7.06 | 3950 | 18.2 | -1 | NIL | Slightly Turbid | - | Lab to filter |
| VKY043C | 08-07-2025 11:05 | 7.76 | 3050 | 11.8 | 160 | NIL | Clear | Colourless | |
| VNW223 | 09-07-2025 12:17 | 7.00 | 4060 | 22.4 | 61 | NIL | Clear | Colourless | |
| VNW390 | 04-07-2025 9:17 | 6.84 | 2460 | 17.6 | -59 | NIL | Clear | Colourless | 9.56, slight H2S |
| VNW391 | 04-07-2025 10:24 | 6.96 | 2420 | 18.3 | 107 | NIL | Clear | Colourless | |
| VNW392 | 04-07-2025 10:40 | 6.71 | 3480 | 18 | -30 | NIL | Clear | Colourless | |
| VNW393 | 04-07-2025 8:45 | 7.17 | 3190 | 16.6 | -62 | NIL | Clear | Colourless | |
| VNW394 | 04-07-2025 8:20 | 6.76 | 5440 | 17.1 | -61 | NIL | Clear | Colourless | Very slight H2S |
| VNW395 | 04-07-2025 9:47 | 7.30 | 2440 | 17.2 | -217 | NIL | Clear | Colourless | Mild H2S |
| WR1 | 17-07-2025 12:18 | 6.63 | 25580 | 17.4 | 190 | NIL | Clear | Colourless | |
| WR2 | 17-07-2025 11:54 | 6.39 | 26800 | 19.5 | -62 | NIL | Clear | Colourless | |
| GW-4 | 09-07-2025 10:32 | 7.83 | 2920 | 20.3 | 3 | NIL | Clear | Colourless | |
| GW-10 | 09-07-2025 8:35 | 7.71 | 1806 | 17.5 | 173 | NIL | Clear | Colourless | |
| GW-15 | 08-07-2025 8:31 | 8.88 | 740 | 15.6 | 111 | NIL | Clear | Colourless | |
| MD03 | 04-07-2025 12:43 | 7.17 | 4880 | 18.4 | 20 | NIL | Clear | Colourless | TBD 56.0 42.98/55.49 |
| GW971614 | 17-07-2025 14:49 | 6.99 | 769 | 15.3 | -6 | NIL | Clear | Colourless | |
| GW-11 | 07-10-2025 12:45 | 7 | 4790 | 23.1 | -68 | NIL | Clear | Orange | |
| GW-13 | 03-10-2025 11:55 | 7.26 | 858 | 23 | -125 | NIL | Clear | Orange | |
| GW-14 | 03-10-2025 10:30 | 6.79 | 4230 | 22.2 | -26 | NIL | Clear | Colourless | |
| GW-2 | 03-10-2025 11:00 | 6.99 | 1386 | 22.1 | 74 | NIL | Clear | Colourless | |
| GW-6 | 03-10-2025 11:45 | - | - | - | - | - | - | - | NO ACCESS - CROPPED |
| GW-7 | 09-10-2025 11:07 | 8.26 | 3960 | 22.1 | 90 | NIL | Clear | Colourless | |
| GW-8 | 09-10-2025 10:28 | 7.19 | 3370 | 22 | -138 | Slight | - | - | Slight unknown |
| GW-9 | 07-10-2025 13:38 | 7.31 | 403 | 21.7 | -128 | NIL | Clear | Orange | |
| GW01 | 01-10-2025 13:14 | 7.27 | 914 | 23.6 | -23 | NIL | Clear | Colourless | Suspended black particles |
| GW02 | 01-10-2025 9:01 | 7.38 | 981 | 22.7 | 203 | NIL | Clear | Colourless | |

| | | | | | | | | | |
|----------------------------------|------------------|------|-------|------|------|--------|-----------------|------------|---|
| GW03 | 01-10-2025 10:43 | 7.28 | 896 | 22.6 | 130 | NIL | Clear | Black | |
| MD01 | 02-10-2025 11:15 | 8.45 | 1737 | 23.5 | -252 | Slight | Slightly Turbid | Colourless | Grout odour |
| MD02 | 02-10-2025 11:47 | 6.84 | 1347 | 23 | -45 | NIL | Clear | Colourless | |
| SB01 | 01-10-2025 11:12 | 7.25 | 1702 | 22.4 | -41 | NIL | Clear | Colourless | |
| MD03 | 01-10-2025 14:20 | 7.25 | 4880 | 24.3 | 22 | NIL | Clear | Colourless | |
| SB02 | 01-10-2025 13:35 | 7.29 | 7020 | 24.3 | -88 | NIL | Clear | Colourless | |
| SB04 | 01-10-2025 9:59 | 7.45 | 2067 | 23.3 | -37 | NIL | Clear | Colourless | |
| SB05 | 01-10-2025 12:02 | 7.8 | 3540 | 24.4 | -34 | NIL | Clear | Colourless | |
| SB06 | 01-10-2025 12:21 | 7.91 | 2550 | 22.9 | -132 | NIL | Turbid | Grey | Too turbid to filter/lab to filter |
| SB07 | 01-10-2025 9:32 | 7.45 | 951 | 24.6 | 199 | NIL | Clear | Colourless | Shown as TR7 |
| SB08 | 01-10-2025 10:11 | 7.52 | 1041 | 21.6 | 99 | NIL | Clear | Colourless | |
| SB09 | 01-10-2025 11:27 | 7.62 | 1045 | 22 | 11 | NIL | Clear | Black | Black particulate |
| SB10 | 01-10-2025 11:48 | 7.44 | 1681 | 22.7 | -31 | NIL | Clear | Colourless | |
| SB11 | 01-10-2025 12:37 | 7.73 | 1159 | 25.1 | 95 | NIL | Clear | Colourless | |
| SB15 | 01-10-2025 13:35 | 7.35 | 1087 | 23.7 | 127 | NIL | Clear | Colourless | |
| TR18 | 02-10-2025 13:35 | 6.83 | 1352 | 21.8 | 13 | NIL | Turbid | Black | |
| TR26 | 01-10-2025 15:20 | 6.86 | 7040 | 23.9 | 137 | NIL | Slightly Turbid | Black | |
| TR35 | 02-10-2025 14:15 | 6.93 | 16950 | 22.4 | 134 | NIL | Clear | Colourless | |
| TR7 | 01-10-2025 15:40 | 6.95 | 15510 | 21.9 | 96 | NIL | Slightly Turbid | Grey | Too turbid to filter/lab to filter |
| VKY035C | 03-10-2025 8:41 | 6.95 | 3340 | 21 | -44 | NIL | - | - | |
| VKY036C | 03-10-2025 9:05 | 7.1 | 5920 | 22.4 | -85 | NIL | Clear | Grey | |
| VKY042C | 03-10-2025 9:40 | 6.64 | 5780 | 21.9 | -6 | NIL | Clear | Colourless | |
| VKY034C | 03-10-2025 8:05 | 7.06 | 3870 | 18 | 21 | NIL | Turbid | Grey | |
| VKY041C | 01-10-2025 14:53 | - | - | - | - | - | - | - | |
| VKY041C | 01-10-2025 14:55 | - | - | - | - | - | - | - | |
| VKY043C | 02-10-2025 13:53 | 7.7 | 3060 | 22.1 | -53 | NIL | Clear | - | |
| VKY33C | 03-10-2025 7:09 | - | - | - | - | - | - | - | |
| VKY33C | 03-10-2025 7:09 | - | - | - | - | - | - | - | |
| VKY3053C | | | | | | | | | Removed by mining process |
| VNW223 | 07-10-2025 12:29 | 7.34 | 4550 | 25 | 137 | NIL | Clear | Colourless | Blocked at approx 2 meters? |
| VNW390 | 02-10-2025 8:55 | 6.91 | 2276 | 20.1 | -87 | NIL | Clear | Colourless | |
| VNW391 | 02-10-2025 9:42 | 7.33 | 2490 | 22.6 | -160 | NIL | Clear | Colourless | Suspended vegetable matter |
| VNW392 | 02-10-2025 10:15 | 6.77 | 3580 | 21.9 | -74 | NIL | Clear | Colourless | |
| VNW393 | 02-10-2025 8:24 | 7.17 | 3210 | 20.4 | -66 | NIL | Clear | Colourless | |
| VNW394 | 02-10-2025 7:58 | 6.62 | 5190 | 17.6 | -25 | NIL | Clear | Grey | |
| VNW395 | 02-10-2025 9:28 | 7.49 | 2580 | 19.8 | -272 | Slight | Clear | Colourless | No logger installed, suspended vegetable matter |
| VS048 | 02-10-2025 10:55 | - | - | - | - | - | - | - | |
| VS054 | 02-10-2025 11:35 | - | - | - | - | - | - | - | |
| VS056 | 02-10-2025 11:10 | - | - | - | - | - | - | - | |
| VS056 | 02-10-2025 11:12 | - | - | - | - | - | - | - | |
| VS058 | 01-10-2025 13:55 | - | - | - | - | - | - | - | |
| VS059 | 01-10-2025 14:05 | - | - | - | - | - | - | - | |
| VS062 | 01-10-2025 9:39 | - | - | - | - | - | - | - | |
| WR-1 | 09-10-2025 12:03 | 6.52 | 23500 | 22.7 | 110 | NIL | Clear | Colourless | |
| WR-2 | 09-10-2025 11:38 | 6.54 | 22900 | 21.6 | -38 | NIL | Clear | Grey | |
| GW036459 | - | - | - | - | - | - | - | - | WaterNSW bore, no access |
| GW030051 | - | - | - | - | - | - | - | - | WaterNSW bore, no access |
| GW030052 | - | - | - | - | - | - | - | - | WaterNSW bore, no access |
| GW-4 | 03-10-2025 11:20 | 7.97 | 2960 | 21.7 | -163 | NIL | Clear | Colourless | - |
| GW-10 | 02-10-2025 14:55 | 8.37 | 1950 | 23.6 | 54 | NIL | Slightly Turbid | Orange | - |
| GW-15 | 02-10-2025 12:45 | 9.15 | 754 | 21.6 | -59 | NIL | Clear | Colourless | - |
| GW971614 | 09-10-2025 8:30 | 6.87 | 562 | 20.4 | 60 | NIL | Clear | Colourless | - |
| GW971400 | 05-11-2025 7:15 | 6.71 | 2420 | 23.8 | 168 | NIL | Clear | Colourless | No access. James B. away. Re-visited in November 2025 |
| VKY GW Duplicate 1 - GW-15 | 02-10-2025 12:45 | 9.16 | 748 | 21.5 | -58 | NIL | Clear | Colourless | - |
| VKY GW Duplicate 2 - GW-11 | 07-10-2025 12:45 | 7 | 4790 | 23.1 | -68 | NIL | Clear | Orange | - |
| VKY GW Blank | 02-10-2025 8:30 | 8.72 | 43.8 | 21.4 | 6 | NIL | Clear | Colourless | - |
| VKY GW Lab Split Dup 1 - GW-15 | 02-10-2025 12:45 | 9.16 | 758 | 21.4 | -48 | NIL | Clear | Colourless | - |
| VKY GW Lab Split Dup 2 - VKY042C | 03-10-2025 9:40 | 6.71 | 5840 | 23.2 | -9 | NIL | Clear | Colourless | - |
| GW-11 | 09-01-2026 11:50 | 7.2 | 3610 | 27.8 | -163 | NIL | - | - | - |
| GW-13 | 08-01-2026 12:15 | 7.34 | 628 | 29 | -109 | NIL | Clear | Orange | - |

| | | | | | | | | | |
|-----------|------------------|------|-------|------|------|-----|-----------------|------------|--|
| GW-14 | 08-01-2026 8:30 | 7.01 | 3210 | 23.6 | -27 | NIL | Clear | colourless | - |
| GW-2 | 08-01-2026 13:35 | 6.85 | 939 | 27.8 | 97 | NIL | Clear | colourless | - |
| GW-6 | 08-01-2026 13:06 | 7.71 | 1167 | 27.2 | -133 | Yes | Clear | colourless | Odour unknown |
| GW-7 | 09-01-2026 10:23 | 8.45 | 3510 | 27.3 | 73 | No | Clear | colourless | - |
| GW-8 | - | - | - | - | - | - | - | - | Comment invisible |
| GW-9 | 09-01-2026 10:57 | 8.67 | 1246 | 26.2 | -80 | NIL | Slightly Turbid | Orange | - |
| GW01 | 05-01-2026 11:30 | 7.1 | 612 | 27.4 | -30 | NIL | Clear | colourless | - |
| GW02 | 05-01-2026 8:45 | 7.37 | 718 | 25.9 | -130 | Yes | Turbid | Black/Grey | PARO TYPE SENSOR |
| GW03 | 05-01-2026 10:25 | 7.11 | 635 | 27.6 | 6 | NIL | Clear | colourless | - |
| MD01 | 07-01-2026 11:31 | 8.19 | 1303 | 29.1 | -225 | Yes | Clear | colourless | Sulphur smell |
| MD02 | 07-01-2026 11:49 | 6.76 | 952 | 28.3 | -70 | NIL | Clear | colourless | - |
| MD03 | 05-01-2026 8:05 | 7.18 | 3380 | 23.9 | -29 | NIL | Clear | colourless | - |
| SB01 | 05-01-2026 10:50 | 7.1 | 1194 | 28.8 | -76 | NIL | Clear | colourless | - |
| SB02 | 05-01-2026 12:50 | 7.09 | 4590 | 34.2 | -119 | NIL | Clear | colourless | - |
| SB04 | 05-01-2026 9:50 | 7.23 | 1613 | 25.5 | -191 | Yes | Clear | colourless | Smell unknown |
| SB05 | 05-01-2026 11:30 | 8.05 | 2540 | 28.6 | -34 | NIL | Clear | colourless | - |
| SB06 | 05-01-2026 11:46 | 7.56 | 2120 | 28.8 | -99 | NIL | Clear | colourless | - |
| SB07 | 05-01-2026 9:10 | 7.31 | 665 | 24.9 | 10 | NIL | Clear | colourless | Logger data saved as TR7 not SB07 |
| SB08 | 05-01-2026 10:00 | 7.24 | 747 | 24.2 | -47 | NIL | Clear | colourless | - |
| SB09 | 05-01-2026 11:05 | 7.37 | 676 | 27.6 | 29 | NIL | Clear | colourless | - |
| SB10 | 05-01-2026 11:20 | 7.4 | 1319 | 28.1 | 50 | NIL | Clear | colourless | - |
| SB11 | 05-01-2026 12:00 | 7.42 | 762 | 27.1 | 37 | NIL | Clear | colourless | - |
| SB15 | 05-01-2026 12:16 | 7.13 | 741 | 29.3 | 81 | NIL | Clear | colourless | - |
| TR18 | 05-01-2026 14:10 | 6.68 | 9310 | 30.1 | 155 | NIL | Slightly Turbid | Brown | - |
| TR26 | 05-01-2026 13:42 | 6.86 | 4440 | 37 | -58 | NIL | Clear | colourless | - |
| TR35 | 05-01-2026 14:25 | 6.64 | 12090 | 27.1 | 178 | NIL | Clear | colourless | - |
| TR7 | 05-01-2026 13:55 | 6.69 | 11860 | 26.9 | 137 | NIL | Slightly Turbid | Brown | - |
| VKY035C | 08-01-2026 10:15 | 7.1 | 2560 | 27.2 | -83 | NIL | Clear | colourless | - |
| VKY036C | 08-01-2026 11:00 | 7.07 | 4410 | 28.6 | -80 | NIL | Clear | colourless | - |
| VKY042C | 08-01-2026 10:37 | 6.79 | 4340 | 28.1 | -30 | NIL | Clear | colourless | - |
| VKY034C | 08-01-2026 9:46 | 7.19 | 2940 | 29 | -30 | NIL | Slightly Turbid | Grey | - |
| VKY041C | 05-01-2026 13:25 | - | - | - | - | - | - | - | - |
| VKY041C | 05-01-2026 13:25 | - | - | - | - | - | - | - | - |
| VKY043C | 05-01-2026 14:40 | 7.06 | 626 | 25.2 | 139 | | Clear | colourless | - |
| VKY33C | 08-01-2026 9:37 | - | - | - | - | - | - | - | - |
| VKY33C | 08-01-2026 9:37 | - | - | - | - | - | - | - | - |
| VNW223 | 09-01-2026 11:20 | 7.47 | 3850 | 29.6 | 119 | NIL | Slightly Turbid | Grey | - |
| VNW390 | 07-01-2026 9:20 | 6.87 | 1793 | 26.4 | -56 | NIL | Clear | colourless | - |
| VNW391 | 07-01-2026 10:04 | 7.12 | 2062 | 24.8 | 105 | NIL | Clear | colourless | - |
| VNW392 | 07-01-2026 10:24 | 6.66 | 2680 | 26.9 | -33 | NIL | Clear | colourless | - |
| VNW393 | 07-01-2026 8:50 | 7.19 | 2450 | 25.2 | -69 | NIL | Clear | colourless | - |
| VNW394 | 07-01-2026 8:30 | 7.04 | 4620 | 23.9 | 99 | NIL | Slightly Turbid | Brown | - |
| VNW395 | 07-01-2026 9:45 | 7.42 | 1675 | 28.3 | -48 | NIL | Clear | colourless | #684024 is Rogged Troll Sensor |
| VS048 | 07-01-2026 10:52 | - | - | - | - | - | - | - | - |
| VS054 | 07-01-2026 11:49 | - | - | - | - | - | - | - | - |
| VS056 | 07-01-2026 11:10 | - | - | - | - | - | - | - | - |
| VS056 | 07-01-2026 11:10 | - | - | - | - | - | - | - | - |
| VS058 | 05-01-2026 13:05 | - | - | - | - | - | - | - | - |
| VS059 | 08-01-2026 8:04 | - | - | - | - | - | - | - | Battery checked on at 36 V but yellow flashing |
| VS062 | 05-01-2026 9:32 | - | - | - | - | - | - | - | - |
| WR-1 | 09-01-2026 10:00 | 6.69 | 20500 | 26.4 | 164 | NIL | Clear | colourless | - |
| WR-2 | 09-01-2026 9:44 | 6.86 | 19790 | 24.4 | -16 | NIL | Clear | colourless | - |
| GW036459 | - | - | - | - | - | - | - | - | WaterNSW bore, no access |
| GW030051 | - | - | - | - | - | - | - | - | WaterNSW bore, no access |
| GW030052 | - | - | - | - | - | - | - | - | WaterNSW bore, no access |
| GW-4 | 08-01-2026 12:47 | 7.86 | 2050 | 31.5 | -150 | Yes | Clear | colourless | Over grown with Box Thorn; Odour unknown |
| GW-10 | 08-01-2026 11:45 | 7.97 | 1191 | 30.1 | 76 | NIL | Clear | Orange | - |
| GW-15 | 09-01-2026 12:30 | 9.15 | 591 | 26.7 | 18 | NIL | Clear | colourless | - |
| Lanreef 1 | 09-01-2026 7:02 | - | - | - | - | - | - | - | Dip only |
| GW971614 | 09-01-2026 7:01 | 7.04 | 2080 | 21 | 72 | NIL | Clear | colourless | No dip |

| | | | | | | | | |
|--------------------------------|------------------|------|------|------|----------|-------|------------|---------------|
| GW971400 | 09-01-2026 7:20 | 7.1 | 2100 | 20.7 | 61 NIL | Clear | colourless | - |
| VKY GW Duplicate 1 - GW-6 | 08-01-2026 13:06 | 7.71 | 1167 | 27.2 | -133 Yes | Clear | Orange | Odour unknown |
| VKY GW Duplicate 2 - GW-7 | 09-01-2026 10:23 | 8.95 | 3570 | 27.3 | 93 NIL | Clear | colourless | - |
| VKY GW Blank | 05-01-2026 8:00 | 7.83 | 37.4 | 22.2 | 162 NIL | Clear | colourless | - |
| VKY GW Lab Split Dup 1 - GW-10 | 08-01-2026 11:45 | 7.97 | 1171 | 30.1 | 76 NIL | Clear | Orange | - |
| VKY GW Lab Split Dup 2 - GW-13 | 08-01-2026 12:15 | 7.34 | 628 | 29 | -109 NIL | Clear | Orange | - |

Table C-2: Laboratory GW Monitoring Data (as COA provided by ALS and Eurofins)

ALSPIU

| | | | | | | |
|------------------------------|---|---|--|------------------------|-------------------|-----------------|
| CHAIN OF CUSTODY KTNV77X5 | HANDED OVER BY Cbased Environmental | HANDOVER DATE/TIME 2026-01-12 12:45 | REQUIRED TURNAROUND 5 Working Days | RETURN EQUIPMENT No | EDD FORMAT INX | PAGE 1 OF 12 |
|------------------------------|---|---|--|------------------------|-------------------|-----------------|

| | | | | | |
|--------------|-----------------------------------|-------------------------------|-------------------------|--------|------------|
| LAB USE ONLY | RECEIVED (DATE/TIME): 12.1.26/605 | APPROPRIATELY SEALED?: YES NO | TEMPERATURE: 3.2 ice | JOB #: | SIGNED: IR |
|--------------|-----------------------------------|-------------------------------|-------------------------|--------|------------|

| | |
|------------|--|
| LABORATORY | ALS Newcastle 5/585 Maitland Road Mayfield West 2304 NSW |
| SAMPLERS | CBased Environmental |
| QUOTE # | SYBQ-403-21v5 |
| PO # | |

| | |
|------------------|--|
| SITE | Vickery |
| PROJECT | Vickery Quarterly Groundwaters |
| PROJECT MANAGER | |
| COMPANY | CBased Environmental Pty Ltd PO Box 245 Cessnock NSW 2325 |
| CONTACT PERSON | Marnie Blake |
| CONTACT NUMBER | |
| CONTACT FAX | |
| CONTACT EMAILS | monitoringresults@cbased.com.au |
| INVOICING EMAILS | accounts@cbased.com.au |
| RESULT EMAILS | monitoringresults@cbased.com.au, inxpreservemail@whitehavencoal.com.au, vickeryenvironment@whitehavencoal.com.au |

| ANALYSIS REQUIRED | GENERAL INSTRUCTIONS |
|------------------------------------|----------------------|
| A. Ammonia as N | |
| B. Bicarbonate Alkalinity as CaCO3 | |
| C. Calcium (dissolved) | |
| D. Carbonate Alkalinity as CaCO3 | |
| E. DO | |
| F. EC | |
| G. Hydroxide Alkalinity as CaCO3 | |
| H. Ionic balance | |
| I. Nitrate as N | |
| J. Nitrite + Nitrate as N | |
| K. Nitrite as N | |
| L. Oil and Grease | |
| M. pH | |
| N. Sodium (Dissolved) | |
| O. TDS | |

| # | SAMPLE NAME | DATE/TIME | SAMPLE ID | CONTAINERS | MATRIX | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | SAMPLE INSTRUCTIONS |
|----|-------------|------------------|--------------|------------|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------------|
| 1 | GW-11 | 2026-01-09 11:50 | 89J3DHSVJ-1 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| 2 | GW-13 | 2026-01-09 12:15 | 89J3DHSVJ-2 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| 3 | GW-14 | 2026-01-09 08:30 | 89J3DHSVJ-3 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| 4 | GW-2 | 2026-01-08 13:35 | 89J3DHSVJ-4 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| 5 | GW-6 | 2026-01-08 13:06 | 89J3DHSVJ-5 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| 6 | GW-7 | 2026-01-09 10:23 | 89J3DHSVJ-6 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| 7 | GW-9 | 2026-01-09 10:57 | 89J3DHSVJ-8 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| 8 | GW01 | 2026-01-05 12:30 | 89J3DHSVJ-9 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| 9 | GW02 | 2026-01-05 08:45 | 89J3DHSVJ-10 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| 10 | GW03 | 2026-01-05 10:25 | 89J3DHSVJ-11 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| 11 | MD01 | 2026-01-07 11:31 | 89J3DHSVJ-12 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| 12 | MD02 | 2026-01-07 11:49 | 89J3DHSVJ-13 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| 13 | MD03 | 2026-01-05 08:05 | 89J3DHSVJ-14 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| 14 | SB01 | 2026-01-05 10:50 | 89J3DHSVJ-15 | 4 | Water | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |

Environmental Division
Newcastle
Work Order Reference
EN2600510





CERTIFICATE OF ANALYSIS

Work Order : EN2600510
Client : CBASED ENVIRONMENTAL PTY LTD
Contact : All Deliverables
Address : Unit 3 2 Enterprise Cres
Singleton NSW 2330
Telephone : +61 02 6571 3334
Project : Vickery Quarterly Groundwaters
Order number : ----
C-O-C number : ----
Sampler : CBased Environmental
Site : Vickery
Quote number : SYBQ/403/21v5 and PLANNED EVENTS
No. of samples received : 50
No. of samples analysed : 50

Page : 1 of 32
Laboratory : Environmental Division Newcastle
Contact :
Address : 5/585 Maitland Road Mayfield West NSW Australia 2304
Telephone : +61 2 4014 2500
Date Samples Received : 12-Jan-2026 16:05
Date Analysis Commenced : 14-Jan-2026
Issue Date : 23-Jan-2026 15:36



Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

| <i>Signatories</i> | <i>Position</i> | <i>Accreditation Category</i> |
|--------------------|-----------------------------|------------------------------------|
| Ankit Joshi | Senior Chemist - Inorganics | Sydney Inorganics, Smithfield, NSW |
| Wisam Marassa | Inorganics Coordinator | Sydney Inorganics, Smithfield, NSW |



General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contract for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- EK055G: LOR raised for Ammonia due to sample matrix.
- As per QWI – EN55-3 Data Interpreting Procedures, Ionic balances are typically calculated using Major Anions - Chloride, Alkalinity and Sulfate; and Major Cations - Calcium, Magnesium, Potassium and Sodium. Where applicable and dependent upon sample matrix, the Ionic Balance may also include the additional contribution of Ammonia, Dissolved Metals by ICPMS and H+ to the Cations and Nitrate, SiO₂ and Fluoride to the Anions.
- ED093: Positive result for sample EN2600510-#050 has been confirmed by reanalysis.
- EK067G/EK067FG: It is recognised that total phosphorus is less than filtered total phosphorus. However, the difference is within experimental variation of the methods.
- EK057G/EK059G: It is recognised that NO_x is less than nitrite. The difference is within experimental variation of the methods.
- EK057G/EK059G: It is recognised that NO_x is less than nitrite. The results have been confirmed by re-analysis from their respective bottles.
- EK041G: LOR raised for sulfate due to sample matrix.
- EK067G/EK067FG: It is recognised that total phosphorus is less than filtered total phosphorus. The results have been confirmed by re-analysis from their respective bottles.
- TDS by method EA-015 may bias high due to the presence of fine particulate matter, which may pass through the prescribed GF/C paper.
- EK057G/EK059G: It has been noted that Nitrite is greater than NO_x for various samples, however this difference is confirmed from their respective bottles.
- Sodium Adsorption Ratio (where reported): Where results for Na, Ca or Mg are <LOR, a concentration at half the reported LOR is incorporated into the SAR calculation. This represents a conservative approach for Na relative to the assumption that <LOR = zero concentration and a conservative approach for Ca & Mg relative to the assumption that <LOR is equivalent to the LOR concentration.
- ED045G: The presence of Thiocyanate, Thiosulfate and Sulfite can positively contribute to the chloride result, thereby may bias results higher than expected. Results should be scrutinised accordingly.



Analytical Results

| Sub-Matrix: WATER (Matrix: WATER) | | | | Sample ID | GW-11 89J3DHSVJ-1 | GW-13 89J3DHSVJ-2 | GW-14 89J3DHSVJ-3 | GW-2 89J3DHSVJ-4 | GW-6 89J3DHSVJ-5 |
|--|------------|--------|---------|-------------------|----------------------|----------------------|----------------------|---------------------|---------------------|
| Sampling date / time | | | | 09-Jan-2026 11:50 | 09-Jan-2026 12:15 | 09-Jan-2026 08:30 | 08-Jan-2026 13:35 | 08-Jan-2026 13:06 | |
| Compound | CAS Number | LOR | Unit | EN2600510-001 | EN2600510-002 | EN2600510-003 | EN2600510-004 | EN2600510-005 | EN2600510-005 |
| | | | | Result | Result | Result | Result | Result | Result |
| EA005P: pH by PC Titrator | | | | | | | | | |
| pH Value | ---- | 0.01 | pH Unit | 6.14 | 7.44 | 7.24 | 7.16 | 7.98 | |
| EA010P: Conductivity by PC Titrator | | | | | | | | | |
| Electrical Conductivity @ 25°C | ---- | 1 | µS/cm | 4570 | 770 | 3930 | 1180 | 1430 | |
| EA015: Total Dissolved Solids dried at 180 ± 5 °C | | | | | | | | | |
| Total Dissolved Solids @180°C | ---- | 10 | mg/L | 3700 | 601 | 2610 | 798 | 932 | |
| ED037P: Alkalinity by PC Titrator | | | | | | | | | |
| Hydroxide Alkalinity as CaCO3 | ---- | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| Carbonate Alkalinity as CaCO3 | 3812-32-6 | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| Bicarbonate Alkalinity as CaCO3 | 71-52-3 | 1 | mg/L | 16 | 412 | 568 | 533 | 769 | |
| Total Alkalinity as CaCO3 | ---- | 1 | mg/L | 16 | 412 | 568 | 533 | 769 | |
| ED041G: Sulfate (Turbidimetric) as SO4 2- by DA | | | | | | | | | |
| Sulfate as SO4 - Turbidimetric | 14808-79-8 | 1 | mg/L | 1 | 4 | 458 | 90 | <1 | |
| ED045G: Chloride by Discrete Analyser | | | | | | | | | |
| Chloride | 16887-00-6 | 1 | mg/L | 1430 | 24 | 799 | 105 | 66 | |
| ED093F: Dissolved Major Cations | | | | | | | | | |
| Calcium | 7440-70-2 | 1 | mg/L | 179 | 27 | 172 | 79 | 6 | |
| Magnesium | 7439-95-4 | 1 | mg/L | 48 | 10 | 90 | 32 | 5 | |
| Sodium | 7440-23-5 | 1 | mg/L | 639 | 142 | 562 | 147 | 349 | |
| Potassium | 7440-09-7 | 1 | mg/L | 10 | 6 | 2 | 1 | 2 | |
| EG020F: Dissolved Metals by ICP-MS | | | | | | | | | |
| Aluminium | 7429-90-5 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| Antimony | 7440-36-0 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | |
| Arsenic | 7440-38-2 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | 0.002 | <0.001 | |
| Barium | 7440-39-3 | 0.001 | mg/L | 0.099 | 0.052 | 0.043 | 0.212 | 0.317 | |
| Cadmium | 7440-43-9 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | |
| Chromium | 7440-47-3 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | 0.004 | <0.001 | |
| Cobalt | 7440-48-4 | 0.001 | mg/L | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

| | | | | GW-11 89J3DHSVJ-1 | GW-13 89J3DHSVJ-2 | GW-14 89J3DHSVJ-3 | GW-2 89J3DHSVJ-4 | GW-6 89J3DHSVJ-5 |
|---|------------|--------|------|----------------------|----------------------|----------------------|---------------------|---------------------|
| Sampling date / time | | | | 09-Jan-2026 11:50 | 09-Jan-2026 12:15 | 09-Jan-2026 08:30 | 08-Jan-2026 13:35 | 08-Jan-2026 13:06 |
| Compound | CAS Number | LOR | Unit | EN2600510-001 | EN2600510-002 | EN2600510-003 | EN2600510-004 | EN2600510-005 |
| | | | | Result | Result | Result | Result | Result |
| EG020F: Dissolved Metals by ICP-MS - Continued | | | | | | | | |
| Copper | 7440-50-8 | 0.001 | mg/L | <0.001 | 0.004 | <0.001 | <0.001 | <0.001 |
| Lead | 7439-92-1 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Manganese | 7439-96-5 | 0.001 | mg/L | 0.769 | 0.381 | 0.018 | 0.004 | 0.017 |
| Molybdenum | 7439-98-7 | 0.001 | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Nickel | 7440-02-0 | 0.001 | mg/L | <0.001 | 0.005 | <0.001 | <0.001 | <0.001 |
| Selenium | 7782-49-2 | 0.010 | mg/L | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Silver | 7440-22-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Strontium | 7440-24-6 | 0.001 | mg/L | 2.91 | 1.01 | 2.57 | 0.887 | 0.160 |
| Tin | 7440-31-5 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Zinc | 7440-66-6 | 0.005 | mg/L | 0.037 | 0.031 | 0.073 | 0.009 | <0.005 |
| Boron | 7440-42-8 | 0.05 | mg/L | 0.11 | <0.05 | <0.05 | <0.05 | 0.06 |
| Iron | 7439-89-6 | 0.05 | mg/L | 6.81 | 2.21 | 0.34 | <0.05 | 1.07 |
| EG035F: Dissolved Mercury by FIMS | | | | | | | | |
| Mercury | 7439-97-6 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| EK055G: Ammonia as N by Discrete Analyser | | | | | | | | |
| Ammonia as N | 7664-41-7 | 0.01 | mg/L | 1.72 | 1.63 | 0.19 | 0.02 | 0.92 |
| EK057G: Nitrite as N by Discrete Analyser | | | | | | | | |
| Nitrite as N | 14797-65-0 | 0.01 | mg/L | <0.01 | 0.03 | 0.01 | <0.01 | <0.01 |
| EK058G: Nitrate as N by Discrete Analyser | | | | | | | | |
| Nitrate as N | 14797-55-8 | 0.01 | mg/L | 0.02 | 0.02 | 0.44 | 0.34 | <0.01 |
| EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser | | | | | | | | |
| Nitrite + Nitrate as N | ---- | 0.01 | mg/L | 0.02 | 0.05 | 0.45 | 0.34 | <0.01 |
| EK067FG: Filtered Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Filtered Total Phosphorus as P | ---- | 0.01 | mg/L | <0.01 | 1.93 | 0.04 | 0.04 | 0.03 |
| EK067G: Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Total Phosphorus as P | ---- | 0.01 | mg/L | 0.06 | 1.76 | 0.07 | 0.05 | 0.06 |
| EN055: Ionic Balance | | | | | | | | |



Analytical Results

| Sub-Matrix: WATER (Matrix: WATER) | | | | Sample ID | GW-11 89J3DHSVJ-1 | GW-13 89J3DHSVJ-2 | GW-14 89J3DHSVJ-3 | GW-2 89J3DHSVJ-4 | GW-6 89J3DHSVJ-5 |
|---|------------|------|-------|-------------------|----------------------|----------------------|----------------------|---------------------|---------------------|
| Sampling date / time | | | | 09-Jan-2026 11:50 | 09-Jan-2026 12:15 | 09-Jan-2026 08:30 | 08-Jan-2026 13:35 | 08-Jan-2026 13:06 | |
| Compound | CAS Number | LOR | Unit | EN2600510-001 | EN2600510-002 | EN2600510-003 | EN2600510-004 | EN2600510-005 | |
| | | | | Result | Result | Result | Result | Result | |
| EN055: Ionic Balance - Continued | | | | | | | | | |
| ∅ Total Anions | ---- | 0.01 | meq/L | 40.7 | 8.99 | 43.4 | 15.5 | 17.2 | |
| ∅ Total Cations | ---- | 0.01 | meq/L | 40.9 | 8.50 | 40.5 | 13.0 | 15.9 | |
| ∅ Ionic Balance | ---- | 0.01 | % | 0.31 | 2.81 | 3.50 | 8.74 | 3.87 | |
| EP020: Oil and Grease (O&G) | | | | | | | | | |
| Oil & Grease | ---- | 5 | mg/L | 13 | 17 | <5 | <5 | <5 | |
| EP025: Oxygen - Dissolved (DO) | | | | | | | | | |
| Dissolved Oxygen | ---- | 0.1 | mg/L | 7.2 | 6.6 | 6.7 | 7.5 | 8.0 | |



Analytical Results

| Sub-Matrix: WATER (Matrix: WATER) | | | | Sample ID | GW-7 89J3DHSVJ-6 | GW-9 89J3DHSVJ-8 | GW01 89J3DHSVJ-9 | GW02 89J3DHSVJ-10 | GW03 89J3DHSVJ-11 |
|--|------------|--------|---------|-------------------|---------------------|---------------------|---------------------|----------------------|----------------------|
| Sampling date / time | | | | 09-Jan-2026 10:23 | 09-Jan-2026 10:57 | 05-Jan-2026 12:30 | 05-Jan-2026 08:45 | 05-Jan-2026 10:25 | |
| Compound | CAS Number | LOR | Unit | EN2600510-006 | EN2600510-007 | EN2600510-008 | EN2600510-009 | EN2600510-010 | |
| | | | | Result | Result | Result | Result | Result | |
| EA005P: pH by PC Titrator | | | | | | | | | |
| pH Value | ---- | 0.01 | pH Unit | 8.36 | 8.28 | 7.27 | 7.60 | 7.47 | |
| EA010P: Conductivity by PC Titrator | | | | | | | | | |
| Electrical Conductivity @ 25°C | ---- | 1 | µS/cm | 4340 | 1620 | 882 | 984 | 850 | |
| EA015: Total Dissolved Solids dried at 180 ± 5 °C | | | | | | | | | |
| Total Dissolved Solids @180°C | ---- | 10 | mg/L | 2760 | 1120 | 595 | 682 | 578 | |
| ED037P: Alkalinity by PC Titrator | | | | | | | | | |
| Hydroxide Alkalinity as CaCO3 | ---- | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| Carbonate Alkalinity as CaCO3 | 3812-32-6 | 1 | mg/L | 34 | <1 | <1 | <1 | <1 | |
| Bicarbonate Alkalinity as CaCO3 | 71-52-3 | 1 | mg/L | 1150 | 328 | 271 | 449 | 423 | |
| Total Alkalinity as CaCO3 | ---- | 1 | mg/L | 1180 | 328 | 271 | 449 | 423 | |
| ED041G: Sulfate (Turbidimetric) as SO4 2- by DA | | | | | | | | | |
| Sulfate as SO4 - Turbidimetric | 14808-79-8 | 1 | mg/L | 340 | 59 | 106 | 68 | 54 | |
| ED045G: Chloride by Discrete Analyser | | | | | | | | | |
| Chloride | 16887-00-6 | 1 | mg/L | 659 | 332 | 82 | 40 | 21 | |
| ED093F: Dissolved Major Cations | | | | | | | | | |
| Calcium | 7440-70-2 | 1 | mg/L | 7 | 29 | 37 | 53 | 71 | |
| Magnesium | 7439-95-4 | 1 | mg/L | 145 | 16 | 29 | 28 | 34 | |
| Sodium | 7440-23-5 | 1 | mg/L | 593 | 292 | 112 | 137 | 74 | |
| Potassium | 7440-09-7 | 1 | mg/L | 298 | 10 | 2 | <1 | 1 | |
| EG020F: Dissolved Metals by ICP-MS | | | | | | | | | |
| Aluminium | 7429-90-5 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| Antimony | 7440-36-0 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | |
| Arsenic | 7440-38-2 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | 0.001 | <0.001 | |
| Barium | 7440-39-3 | 0.001 | mg/L | 0.016 | 0.024 | 0.051 | 0.075 | 0.087 | |
| Cadmium | 7440-43-9 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0001 | |
| Chromium | 7440-47-3 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | |
| Cobalt | 7440-48-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | 0.003 | <0.001 | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

| | | | | GW-7 89J3DHSVJ-6 | GW-9 89J3DHSVJ-8 | GW01 89J3DHSVJ-9 | GW02 89J3DHSVJ-10 | GW03 89J3DHSVJ-11 |
|---|------------|--------|------|---------------------|---------------------|---------------------|----------------------|----------------------|
| Sampling date / time | | | | 09-Jan-2026 10:23 | 09-Jan-2026 10:57 | 05-Jan-2026 12:30 | 05-Jan-2026 08:45 | 05-Jan-2026 10:25 |
| Compound | CAS Number | LOR | Unit | EN2600510-006 | EN2600510-007 | EN2600510-008 | EN2600510-009 | EN2600510-010 |
| | | | | Result | Result | Result | Result | Result |
| EG020F: Dissolved Metals by ICP-MS - Continued | | | | | | | | |
| Copper | 7440-50-8 | 0.001 | mg/L | 0.003 | <0.001 | 0.004 | <0.001 | <0.001 |
| Lead | 7439-92-1 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Manganese | 7439-96-5 | 0.001 | mg/L | 0.044 | 0.183 | 0.249 | 0.352 | 0.078 |
| Molybdenum | 7439-98-7 | 0.001 | mg/L | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 |
| Nickel | 7440-02-0 | 0.001 | mg/L | 0.001 | <0.001 | 0.001 | 0.004 | <0.001 |
| Selenium | 7782-49-2 | 0.010 | mg/L | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Silver | 7440-22-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Strontium | 7440-24-6 | 0.001 | mg/L | 0.131 | 0.593 | 0.896 | 0.856 | 0.951 |
| Tin | 7440-31-5 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Zinc | 7440-66-6 | 0.005 | mg/L | 0.021 | <0.005 | <0.005 | <0.005 | <0.005 |
| Boron | 7440-42-8 | 0.05 | mg/L | 0.15 | <0.05 | <0.05 | <0.05 | <0.05 |
| Iron | 7439-89-6 | 0.05 | mg/L | <0.05 | 0.14 | 0.14 | 0.19 | <0.05 |
| EG035F: Dissolved Mercury by FIMS | | | | | | | | |
| Mercury | 7439-97-6 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| EK055G: Ammonia as N by Discrete Analyser | | | | | | | | |
| Ammonia as N | 7664-41-7 | 0.01 | mg/L | 0.96 | 0.34 | 0.03 | 0.34 | 0.09 |
| EK057G: Nitrite as N by Discrete Analyser | | | | | | | | |
| Nitrite as N | 14797-65-0 | 0.01 | mg/L | 0.29 | 0.02 | <0.01 | <0.01 | <0.01 |
| EK058G: Nitrate as N by Discrete Analyser | | | | | | | | |
| Nitrate as N | 14797-55-8 | 0.01 | mg/L | <0.01 | <0.01 | 0.26 | 0.30 | 0.21 |
| EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser | | | | | | | | |
| Nitrite + Nitrate as N | ---- | 0.01 | mg/L | 0.02 | <0.01 | 0.26 | 0.30 | 0.21 |
| EK067FG: Filtered Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Filtered Total Phosphorus as P | ---- | 0.01 | mg/L | 0.03 | 0.12 | 0.18 | 0.51 | 0.19 |
| EK067G: Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Total Phosphorus as P | ---- | 0.01 | mg/L | 0.05 | 0.11 | 0.18 | 0.46 | 0.18 |
| EN055: Ionic Balance | | | | | | | | |



Analytical Results

| Sub-Matrix: WATER (Matrix: WATER) | | | | Sample ID | GW-7 89J3DHVJ-6 | GW-9 89J3DHVJ-8 | GW01 89J3DHVJ-9 | GW02 89J3DHVJ-10 | GW03 89J3DHVJ-11 |
|---|------------|------|-------|-------------------|--------------------|--------------------|--------------------|---------------------|---------------------|
| Sampling date / time | | | | 09-Jan-2026 10:23 | 09-Jan-2026 10:57 | 05-Jan-2026 12:30 | 05-Jan-2026 08:45 | 05-Jan-2026 10:25 | |
| Compound | CAS Number | LOR | Unit | EN2600510-006 | EN2600510-007 | EN2600510-008 | EN2600510-009 | EN2600510-010 | |
| | | | | Result | Result | Result | Result | Result | |
| EN055: Ionic Balance - Continued | | | | | | | | | |
| ∅ Total Anions | ---- | 0.01 | meq/L | 49.2 | 17.1 | 9.93 | 11.5 | 10.2 | |
| ∅ Total Cations | ---- | 0.01 | meq/L | 45.7 | 15.7 | 9.16 | 10.9 | 9.59 | |
| ∅ Ionic Balance | ---- | 0.01 | % | 3.73 | 4.34 | 4.08 | 2.71 | 2.95 | |
| EP020: Oil and Grease (O&G) | | | | | | | | | |
| Oil & Grease | ---- | 5 | mg/L | <5 | 14 | <5 | <5 | <5 | |
| EP025: Oxygen - Dissolved (DO) | | | | | | | | | |
| Dissolved Oxygen | ---- | 0.1 | mg/L | 7.6 | 7.0 | 7.4 | 6.7 | 7.0 | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

| | | | | MD01 89J3DHSVJ-12 | MD02 89J3DHSVJ-13 | MD03 89J3DHSVJ-14 | SB01 89J3DHSVJ-15 | SB02 89J3DHSVJ-16 |
|--|------------|--------|---------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sampling date / time | | | | 07-Jan-2026 11:31 | 07-Jan-2026 11:49 | 05-Jan-2026 08:05 | 05-Jan-2026 10:50 | 05-Jan-2026 12:50 |
| Compound | CAS Number | LOR | Unit | EN2600510-011 | EN2600510-012 | EN2600510-013 | EN2600510-014 | EN2600510-015 |
| | | | | Result | Result | Result | Result | Result |
| EA005P: pH by PC Titrator | | | | | | | | |
| pH Value | ---- | 0.01 | pH Unit | 8.10 | 7.16 | 7.56 | 7.57 | 7.69 |
| EA010P: Conductivity by PC Titrator | | | | | | | | |
| Electrical Conductivity @ 25°C | ---- | 1 | µS/cm | 1640 | 1200 | 4580 | 1630 | 6970 |
| EA015: Total Dissolved Solids dried at 180 ± 5 °C | | | | | | | | |
| Total Dissolved Solids @180°C | ---- | 10 | mg/L | 942 | 799 | 2720 | 1020 | 4490 |
| ED037P: Alkalinity by PC Titrator | | | | | | | | |
| Hydroxide Alkalinity as CaCO3 | ---- | 1 | mg/L | <1 | <1 | <1 | <1 | <1 |
| Carbonate Alkalinity as CaCO3 | 3812-32-6 | 1 | mg/L | <1 | <1 | <1 | <1 | <1 |
| Bicarbonate Alkalinity as CaCO3 | 71-52-3 | 1 | mg/L | 311 | 535 | 459 | 562 | 899 |
| Total Alkalinity as CaCO3 | ---- | 1 | mg/L | 311 | 535 | 459 | 562 | 899 |
| ED041G: Sulfate (Turbidimetric) as SO4 2- by DA | | | | | | | | |
| Sulfate as SO4 - Turbidimetric | 14808-79-8 | 1 | mg/L | 53 | 35 | 122 | 172 | 1050 |
| ED045G: Chloride by Discrete Analyser | | | | | | | | |
| Chloride | 16887-00-6 | 1 | mg/L | 351 | 99 | 1170 | 170 | 1230 |
| ED093F: Dissolved Major Cations | | | | | | | | |
| Calcium | 7440-70-2 | 1 | mg/L | 18 | 70 | 101 | 83 | 59 |
| Magnesium | 7439-95-4 | 1 | mg/L | 12 | 49 | 79 | 64 | 63 |
| Sodium | 7440-23-5 | 1 | mg/L | 255 | 120 | 724 | 200 | 1440 |
| Potassium | 7440-09-7 | 1 | mg/L | 16 | 7 | 8 | 1 | 2 |
| EG020F: Dissolved Metals by ICP-MS | | | | | | | | |
| Aluminium | 7429-90-5 | 0.01 | mg/L | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| Antimony | 7440-36-0 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Arsenic | 7440-38-2 | 0.001 | mg/L | <0.001 | <0.001 | 0.003 | 0.001 | 0.007 |
| Barium | 7440-39-3 | 0.001 | mg/L | 0.075 | 0.224 | 0.536 | 0.107 | 0.030 |
| Cadmium | 7440-43-9 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Chromium | 7440-47-3 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Cobalt | 7440-48-4 | 0.001 | mg/L | <0.001 | <0.001 | 0.004 | 0.002 | 0.002 |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

| | | | | MD01 89J3DHSVJ-12 | MD02 89J3DHSVJ-13 | MD03 89J3DHSVJ-14 | SB01 89J3DHSVJ-15 | SB02 89J3DHSVJ-16 |
|---|------------|--------|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sampling date / time | | | | 07-Jan-2026 11:31 | 07-Jan-2026 11:49 | 05-Jan-2026 08:05 | 05-Jan-2026 10:50 | 05-Jan-2026 12:50 |
| Compound | CAS Number | LOR | Unit | EN2600510-011 | EN2600510-012 | EN2600510-013 | EN2600510-014 | EN2600510-015 |
| | | | | Result | Result | Result | Result | Result |
| EG020F: Dissolved Metals by ICP-MS - Continued | | | | | | | | |
| Copper | 7440-50-8 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Lead | 7439-92-1 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Manganese | 7439-96-5 | 0.001 | mg/L | 0.020 | 0.045 | 1.10 | 0.253 | 0.702 |
| Molybdenum | 7439-98-7 | 0.001 | mg/L | 0.007 | 0.004 | 0.006 | <0.001 | 0.005 |
| Nickel | 7440-02-0 | 0.001 | mg/L | 0.003 | 0.016 | 0.004 | <0.001 | 0.003 |
| Selenium | 7782-49-2 | 0.010 | mg/L | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Silver | 7440-22-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Strontium | 7440-24-6 | 0.001 | mg/L | 0.666 | 1.19 | 5.55 | 2.04 | 2.02 |
| Tin | 7440-31-5 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Zinc | 7440-66-6 | 0.005 | mg/L | 0.007 | <0.005 | <0.005 | <0.005 | <0.005 |
| Boron | 7440-42-8 | 0.05 | mg/L | <0.05 | <0.05 | 0.10 | 0.07 | 0.12 |
| Iron | 7439-89-6 | 0.05 | mg/L | <0.05 | 0.74 | <0.05 | 0.56 | 2.80 |
| EG035F: Dissolved Mercury by FIMS | | | | | | | | |
| Mercury | 7439-97-6 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| EK055G: Ammonia as N by Discrete Analyser | | | | | | | | |
| Ammonia as N | 7664-41-7 | 0.01 | mg/L | 24.1 | 0.26 | 0.43 | 0.06 | 0.11 |
| EK057G: Nitrite as N by Discrete Analyser | | | | | | | | |
| Nitrite as N | 14797-65-0 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| EK058G: Nitrate as N by Discrete Analyser | | | | | | | | |
| Nitrate as N | 14797-55-8 | 0.01 | mg/L | <0.01 | 1.12 | <0.01 | 0.01 | 0.01 |
| EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser | | | | | | | | |
| Nitrite + Nitrate as N | ---- | 0.01 | mg/L | <0.01 | 1.12 | <0.01 | 0.01 | 0.01 |
| EK067FG: Filtered Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Filtered Total Phosphorus as P | ---- | 0.01 | mg/L | 0.50 | <0.01 | 0.09 | 0.06 | 0.34 |
| EK067G: Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Total Phosphorus as P | ---- | 0.01 | mg/L | 0.59 | 0.03 | 0.09 | 0.07 | 0.10 |
| EN055: Ionic Balance | | | | | | | | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

| | | | | MD01 89J3DHSVJ-12 | MD02 89J3DHSVJ-13 | MD03 89J3DHSVJ-14 | SB01 89J3DHSVJ-15 | SB02 89J3DHSVJ-16 |
|---|------------|------|-------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sampling date / time | | | | 07-Jan-2026 11:31 | 07-Jan-2026 11:49 | 05-Jan-2026 08:05 | 05-Jan-2026 10:50 | 05-Jan-2026 12:50 |
| Compound | CAS Number | LOR | Unit | EN2600510-011 | EN2600510-012 | EN2600510-013 | EN2600510-014 | EN2600510-015 |
| | | | | Result | Result | Result | Result | Result |
| EN055: Ionic Balance - Continued | | | | | | | | |
| ∅ Total Anions | ---- | 0.01 | meq/L | 17.2 | 14.2 | 44.7 | 19.6 | 74.5 |
| ∅ Total Cations | ---- | 0.01 | meq/L | 13.4 | 12.9 | 43.2 | 18.1 | 70.8 |
| ∅ Ionic Balance | ---- | 0.01 | % | 12.5 | 4.74 | 1.68 | 3.90 | 2.55 |
| EP020: Oil and Grease (O&G) | | | | | | | | |
| Oil & Grease | ---- | 5 | mg/L | <5 | <5 | <5 | <5 | <5 |
| EP025: Oxygen - Dissolved (DO) | | | | | | | | |
| Dissolved Oxygen | ---- | 0.1 | mg/L | 5.7 | 6.7 | 6.3 | 7.0 | 7.4 |



Analytical Results

| Sub-Matrix: WATER (Matrix: WATER) | | | | Sample ID | SB04 89J3DHSVJ-17 | SB05 89J3DHSVJ-18 | SB06 89J3DHSVJ-19 | SB07 89J3DHSVJ-20 | SB08 89J3DHSVJ-21 |
|---|------------|--------|---------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sampling date / time | | | | 05-Jan-2026 09:50 | 05-Jan-2026 11:30 | 05-Jan-2026 11:46 | 05-Jan-2026 09:10 | 05-Jan-2026 10:00 | |
| Compound | CAS Number | LOR | Unit | EN2600510-016 | EN2600510-017 | EN2600510-018 | EN2600510-019 | EN2600510-020 | |
| | | | | Result | Result | Result | Result | Result | |
| EA005P: pH by PC Titrator | | | | | | | | | |
| pH Value | ---- | 0.01 | pH Unit | 7.66 | 8.32 | 7.86 | 7.64 | 7.59 | |
| EA010P: Conductivity by PC Titrator | | | | | | | | | |
| Electrical Conductivity @ 25°C | ---- | 1 | µS/cm | 2160 | 3620 | 3010 | 897 | 998 | |
| EA015: Total Dissolved Solids dried at 180 ± 5 °C | | | | | | | | | |
| Total Dissolved Solids @180°C | ---- | 10 | mg/L | 1460 | 2420 | 2140 | 599 | 658 | |
| ED037P: Alkalinity by PC Titrator | | | | | | | | | |
| Hydroxide Alkalinity as CaCO ₃ | ---- | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| Carbonate Alkalinity as CaCO ₃ | 3812-32-6 | 1 | mg/L | <1 | 9 | <1 | <1 | <1 | |
| Bicarbonate Alkalinity as CaCO ₃ | 71-52-3 | 1 | mg/L | 603 | 779 | 413 | 389 | 395 | |
| Total Alkalinity as CaCO ₃ | ---- | 1 | mg/L | 603 | 788 | 413 | 389 | 395 | |
| ED041G: Sulfate (Turbidimetric) as SO₄ 2- by DA | | | | | | | | | |
| Sulfate as SO ₄ - Turbidimetric | 14808-79-8 | 1 | mg/L | 230 | 513 | 391 | 69 | 72 | |
| ED045G: Chloride by Discrete Analyser | | | | | | | | | |
| Chloride | 16887-00-6 | 1 | mg/L | 292 | 526 | 542 | 38 | 71 | |
| ED093F: Dissolved Major Cations | | | | | | | | | |
| Calcium | 7440-70-2 | 1 | mg/L | 55 | 20 | 27 | 45 | 56 | |
| Magnesium | 7439-95-4 | 1 | mg/L | 51 | 22 | 30 | 26 | 35 | |
| Sodium | 7440-23-5 | 1 | mg/L | 351 | 784 | 568 | 123 | 115 | |
| Potassium | 7440-09-7 | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| EG020F: Dissolved Metals by ICP-MS | | | | | | | | | |
| Aluminium | 7429-90-5 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| Antimony | 7440-36-0 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | |
| Arsenic | 7440-38-2 | 0.001 | mg/L | <0.001 | 0.006 | 0.002 | <0.001 | <0.001 | |
| Barium | 7440-39-3 | 0.001 | mg/L | 0.068 | 0.040 | 0.104 | 0.048 | 0.049 | |
| Cadmium | 7440-43-9 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | |
| Chromium | 7440-47-3 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | |
| Cobalt | 7440-48-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

| | | | | SB04 89J3DHSVJ-17 | SB05 89J3DHSVJ-18 | SB06 89J3DHSVJ-19 | SB07 89J3DHSVJ-20 | SB08 89J3DHSVJ-21 |
|---|------------|--------|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sampling date / time | | | | 05-Jan-2026 09:50 | 05-Jan-2026 11:30 | 05-Jan-2026 11:46 | 05-Jan-2026 09:10 | 05-Jan-2026 10:00 |
| Compound | CAS Number | LOR | Unit | EN2600510-016 | EN2600510-017 | EN2600510-018 | EN2600510-019 | EN2600510-020 |
| | | | | Result | Result | Result | Result | Result |
| EG020F: Dissolved Metals by ICP-MS - Continued | | | | | | | | |
| Copper | 7440-50-8 | 0.001 | mg/L | <0.001 | <0.001 | 0.002 | 0.001 | 0.001 |
| Lead | 7439-92-1 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Manganese | 7439-96-5 | 0.001 | mg/L | 0.102 | 0.105 | 0.452 | 0.006 | 0.005 |
| Molybdenum | 7439-98-7 | 0.001 | mg/L | <0.001 | 0.004 | 0.003 | <0.001 | <0.001 |
| Nickel | 7440-02-0 | 0.001 | mg/L | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 |
| Selenium | 7782-49-2 | 0.010 | mg/L | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Silver | 7440-22-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Strontium | 7440-24-6 | 0.001 | mg/L | 1.48 | 0.625 | 1.03 | 0.694 | 0.994 |
| Tin | 7440-31-5 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Zinc | 7440-66-6 | 0.005 | mg/L | <0.005 | <0.005 | 0.006 | <0.005 | <0.005 |
| Boron | 7440-42-8 | 0.05 | mg/L | 0.08 | 0.14 | 0.10 | 0.05 | 0.05 |
| Iron | 7439-89-6 | 0.05 | mg/L | <0.05 | 0.08 | 0.17 | <0.05 | <0.05 |
| EG035F: Dissolved Mercury by FIMS | | | | | | | | |
| Mercury | 7439-97-6 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| EK055G: Ammonia as N by Discrete Analyser | | | | | | | | |
| Ammonia as N | 7664-41-7 | 0.01 | mg/L | 0.06 | 0.03 | 0.08 | <0.01 | <0.01 |
| EK057G: Nitrite as N by Discrete Analyser | | | | | | | | |
| Nitrite as N | 14797-65-0 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| EK058G: Nitrate as N by Discrete Analyser | | | | | | | | |
| Nitrate as N | 14797-55-8 | 0.01 | mg/L | 0.02 | 0.14 | 0.01 | 0.24 | 0.13 |
| EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser | | | | | | | | |
| Nitrite + Nitrate as N | ---- | 0.01 | mg/L | 0.02 | 0.14 | 0.01 | 0.24 | 0.13 |
| EK067FG: Filtered Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Filtered Total Phosphorus as P | ---- | 0.01 | mg/L | 0.16 | 0.40 | 0.17 | 0.06 | 0.06 |
| EK067G: Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Total Phosphorus as P | ---- | 0.01 | mg/L | 0.15 | 0.43 | 0.18 | 0.06 | 0.08 |
| EN055: Ionic Balance | | | | | | | | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

| | | | | Sample ID | SB04 | SB05 | SB06 | SB07 | SB08 |
|---|------------|------|-------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | | | | 89J3DHVJ-17 | 89J3DHVJ-18 | 89J3DHVJ-19 | 89J3DHVJ-20 | 89J3DHVJ-21 |
| | | | | Sampling date / time | 05-Jan-2026 09:50 | 05-Jan-2026 11:30 | 05-Jan-2026 11:46 | 05-Jan-2026 09:10 | 05-Jan-2026 10:00 |
| Compound | CAS Number | LOR | Unit | EN2600510-016 | EN2600510-017 | EN2600510-018 | EN2600510-019 | EN2600510-020 | EN2600510-020 |
| | | | | Result | Result | Result | Result | Result | Result |
| EN055: Ionic Balance - Continued | | | | | | | | | |
| ∅ Total Anions | ---- | 0.01 | meq/L | 25.1 | 41.3 | 31.7 | 10.3 | 11.4 | |
| ∅ Total Cations | ---- | 0.01 | meq/L | 22.2 | 36.9 | 28.5 | 9.74 | 10.7 | |
| ∅ Ionic Balance | ---- | 0.01 | % | 6.06 | 5.57 | 5.25 | 2.72 | 3.25 | |
| EP020: Oil and Grease (O&G) | | | | | | | | | |
| Oil & Grease | ---- | 5 | mg/L | <5 | <5 | <5 | <5 | <5 | |
| EP025: Oxygen - Dissolved (DO) | | | | | | | | | |
| Dissolved Oxygen | ---- | 0.1 | mg/L | 7.0 | 8.2 | 7.6 | 7.6 | 7.9 | |



Analytical Results

| Sub-Matrix: WATER (Matrix: WATER) | | | | Sample ID | SB09 89J3DHSVJ-22 | SB10 89J3DHSVJ-23 | SB11 89J3DHSVJ-24 | SB15 89J3DHSVJ-25 | TR18 89J3DHSVJ-26 |
|--|------------|--------|---------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sampling date / time | | | | 05-Jan-2026 11:05 | 05-Jan-2026 11:20 | 05-Jan-2026 12:00 | 05-Jan-2026 13:16 | 05-Jan-2026 14:10 | |
| Compound | CAS Number | LOR | Unit | EN2600510-021 | EN2600510-022 | EN2600510-023 | EN2600510-024 | EN2600510-025 | |
| | | | | Result | Result | Result | Result | Result | |
| EA005P: pH by PC Titrator | | | | | | | | | |
| pH Value | ---- | 0.01 | pH Unit | 7.79 | 7.93 | 7.93 | 7.69 | 7.42 | |
| EA010P: Conductivity by PC Titrator | | | | | | | | | |
| Electrical Conductivity @ 25°C | ---- | 1 | µS/cm | 950 | 1800 | 1070 | 1020 | 13300 | |
| EA015: Total Dissolved Solids dried at 180 ± 5 °C | | | | | | | | | |
| Total Dissolved Solids @180°C | ---- | 10 | mg/L | 608 | 1180 | 695 | 672 | 8800 | |
| ED037P: Alkalinity by PC Titrator | | | | | | | | | |
| Hydroxide Alkalinity as CaCO3 | ---- | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| Carbonate Alkalinity as CaCO3 | 3812-32-6 | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| Bicarbonate Alkalinity as CaCO3 | 71-52-3 | 1 | mg/L | 429 | 636 | 476 | 459 | 726 | |
| Total Alkalinity as CaCO3 | ---- | 1 | mg/L | 429 | 636 | 476 | 459 | 726 | |
| ED041G: Sulfate (Turbidimetric) as SO4 2- by DA | | | | | | | | | |
| Sulfate as SO4 - Turbidimetric | 14808-79-8 | 1 | mg/L | 67 | 169 | 84 | 87 | 678 | |
| ED045G: Chloride by Discrete Analyser | | | | | | | | | |
| Chloride | 16887-00-6 | 1 | mg/L | 36 | 169 | 36 | 35 | 4200 | |
| ED093F: Dissolved Major Cations | | | | | | | | | |
| Calcium | 7440-70-2 | 1 | mg/L | 43 | 31 | 28 | 60 | 201 | |
| Magnesium | 7439-95-4 | 1 | mg/L | 30 | 35 | 24 | 42 | 290 | |
| Sodium | 7440-23-5 | 1 | mg/L | 131 | 340 | 191 | 109 | 2150 | |
| Potassium | 7440-09-7 | 1 | mg/L | <1 | <1 | <1 | <1 | 10 | |
| EG020F: Dissolved Metals by ICP-MS | | | | | | | | | |
| Aluminium | 7429-90-5 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| Antimony | 7440-36-0 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | |
| Arsenic | 7440-38-2 | 0.001 | mg/L | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 | |
| Barium | 7440-39-3 | 0.001 | mg/L | 0.051 | 0.046 | 0.054 | 0.070 | 0.066 | |
| Cadmium | 7440-43-9 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | |
| Chromium | 7440-47-3 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | |
| Cobalt | 7440-48-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 0.003 | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

| | | | | SB09 89J3DHSVJ-22 | SB10 89J3DHSVJ-23 | SB11 89J3DHSVJ-24 | SB15 89J3DHSVJ-25 | TR18 89J3DHSVJ-26 |
|---|------------|--------|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sampling date / time | | | | 05-Jan-2026 11:05 | 05-Jan-2026 11:20 | 05-Jan-2026 12:00 | 05-Jan-2026 13:16 | 05-Jan-2026 14:10 |
| Compound | CAS Number | LOR | Unit | EN2600510-021 | EN2600510-022 | EN2600510-023 | EN2600510-024 | EN2600510-025 |
| | | | | Result | Result | Result | Result | Result |
| EG020F: Dissolved Metals by ICP-MS - Continued | | | | | | | | |
| Copper | 7440-50-8 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | 0.003 | 0.010 |
| Lead | 7439-92-1 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Manganese | 7439-96-5 | 0.001 | mg/L | 0.286 | 0.016 | 0.006 | 0.002 | 0.458 |
| Molybdenum | 7439-98-7 | 0.001 | mg/L | 0.001 | 0.002 | <0.001 | <0.001 | 0.001 |
| Nickel | 7440-02-0 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 0.015 |
| Selenium | 7782-49-2 | 0.010 | mg/L | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Silver | 7440-22-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Strontium | 7440-24-6 | 0.001 | mg/L | 0.941 | 0.968 | 0.781 | 1.36 | 6.98 |
| Tin | 7440-31-5 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Zinc | 7440-66-6 | 0.005 | mg/L | <0.005 | <0.005 | <0.005 | <0.005 | 0.017 |
| Boron | 7440-42-8 | 0.05 | mg/L | 0.06 | 0.09 | 0.06 | 0.06 | 0.06 |
| Iron | 7439-89-6 | 0.05 | mg/L | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| EG035F: Dissolved Mercury by FIMS | | | | | | | | |
| Mercury | 7439-97-6 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| EK055G: Ammonia as N by Discrete Analyser | | | | | | | | |
| Ammonia as N | 7664-41-7 | 0.01 | mg/L | 0.05 | 0.01 | 0.02 | <0.01 | 0.01 |
| EK057G: Nitrite as N by Discrete Analyser | | | | | | | | |
| Nitrite as N | 14797-65-0 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| EK058G: Nitrate as N by Discrete Analyser | | | | | | | | |
| Nitrate as N | 14797-55-8 | 0.01 | mg/L | 0.05 | 0.07 | 0.18 | 0.16 | <0.01 |
| EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser | | | | | | | | |
| Nitrite + Nitrate as N | ---- | 0.01 | mg/L | 0.05 | 0.07 | 0.18 | 0.16 | <0.01 |
| EK067FG: Filtered Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Filtered Total Phosphorus as P | ---- | 0.01 | mg/L | 0.11 | 0.06 | 0.05 | 0.05 | 0.04 |
| EK067G: Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Total Phosphorus as P | ---- | 0.01 | mg/L | 0.13 | 0.06 | 0.06 | 0.07 | 0.04 |
| EN055: Ionic Balance | | | | | | | | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

| | | | | Sample ID | SB09 | SB10 | SB11 | SB15 | TR18 |
|---|------------|------|-------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | | | | 89J3DHSVJ-22 | 89J3DHSVJ-23 | 89J3DHSVJ-24 | 89J3DHSVJ-25 | 89J3DHSVJ-26 |
| | | | | Sampling date / time | 05-Jan-2026 11:05 | 05-Jan-2026 11:20 | 05-Jan-2026 12:00 | 05-Jan-2026 13:16 | 05-Jan-2026 14:10 |
| Compound | CAS Number | LOR | Unit | EN2600510-021 | EN2600510-022 | EN2600510-023 | EN2600510-024 | EN2600510-025 | EN2600510-025 |
| | | | | Result | Result | Result | Result | Result | Result |
| EN055: Ionic Balance - Continued | | | | | | | | | |
| ∅ Total Anions | ---- | 0.01 | meq/L | 11.0 | 21.0 | 12.3 | 12.0 | 147 | |
| ∅ Total Cations | ---- | 0.01 | meq/L | 10.3 | 19.2 | 11.7 | 11.2 | 128 | |
| ∅ Ionic Balance | ---- | 0.01 | % | 3.14 | 4.42 | 2.48 | 3.36 | 7.07 | |
| EP020: Oil and Grease (O&G) | | | | | | | | | |
| Oil & Grease | ---- | 5 | mg/L | <5 | <5 | <5 | <5 | 12 | |
| EP025: Oxygen - Dissolved (DO) | | | | | | | | | |
| Dissolved Oxygen | ---- | 0.1 | mg/L | 8.0 | 7.2 | 8.0 | 8.3 | 8.4 | |



Analytical Results

| Sub-Matrix: WATER (Matrix: WATER) | | | | Sample ID | TR26 89J3DHSVJ-27 | TR35 89J3DHSVJ-28 | TR7 89J3DHSVJ-29 | VKY0035C 89J3DHSVJ-30 | VKY0036C 89J3DHSVJ-31 |
|--|------------|--------|---------|-------------------|----------------------|----------------------|---------------------|--------------------------|--------------------------|
| Sampling date / time | | | | 05-Jan-2026 13:42 | 05-Jan-2026 14:25 | 05-Jan-2026 13:55 | 08-Jan-2026 10:15 | 05-Jan-2026 11:00 | |
| Compound | CAS Number | LOR | Unit | EN2600510-026 | EN2600510-027 | EN2600510-028 | EN2600510-029 | EN2600510-030 | |
| | | | | Result | Result | Result | Result | Result | |
| EA005P: pH by PC Titrator | | | | | | | | | |
| pH Value | ---- | 0.01 | pH Unit | 7.66 | 7.40 | 7.43 | 7.65 | 7.69 | |
| EA010P: Conductivity by PC Titrator | | | | | | | | | |
| Electrical Conductivity @ 25°C | ---- | 1 | µS/cm | 6960 | 16600 | 15400 | 3230 | 5540 | |
| EA015: Total Dissolved Solids dried at 180 ± 5 °C | | | | | | | | | |
| Total Dissolved Solids @180°C | ---- | 10 | mg/L | 4220 | 13100 | 12100 | 2020 | 3310 | |
| ED037P: Alkalinity by PC Titrator | | | | | | | | | |
| Hydroxide Alkalinity as CaCO3 | ---- | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| Carbonate Alkalinity as CaCO3 | 3812-32-6 | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| Bicarbonate Alkalinity as CaCO3 | 71-52-3 | 1 | mg/L | 1350 | 768 | 779 | 937 | 1040 | |
| Total Alkalinity as CaCO3 | ---- | 1 | mg/L | 1350 | 768 | 779 | 937 | 1040 | |
| ED041G: Sulfate (Turbidimetric) as SO4 2- by DA | | | | | | | | | |
| Sulfate as SO4 - Turbidimetric | 14808-79-8 | 1 | mg/L | 196 | 650 | 559 | 66 | 218 | |
| ED045G: Chloride by Discrete Analyser | | | | | | | | | |
| Chloride | 16887-00-6 | 1 | mg/L | 1530 | 5490 | 5210 | 532 | 1110 | |
| ED093F: Dissolved Major Cations | | | | | | | | | |
| Calcium | 7440-70-2 | 1 | mg/L | 134 | 261 | 246 | 43 | 77 | |
| Magnesium | 7439-95-4 | 1 | mg/L | 161 | 477 | 332 | 43 | 69 | |
| Sodium | 7440-23-5 | 1 | mg/L | 1180 | 2620 | 2530 | 610 | 1010 | |
| Potassium | 7440-09-7 | 1 | mg/L | 9 | 18 | 13 | 7 | 8 | |
| EG020F: Dissolved Metals by ICP-MS | | | | | | | | | |
| Aluminium | 7429-90-5 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| Antimony | 7440-36-0 | 0.001 | mg/L | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 | |
| Arsenic | 7440-38-2 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | 0.003 | 0.003 | |
| Barium | 7440-39-3 | 0.001 | mg/L | 0.128 | 0.082 | 0.108 | 0.075 | 0.147 | |
| Cadmium | 7440-43-9 | 0.0001 | mg/L | <0.0001 | 0.0003 | 0.0001 | <0.0001 | <0.0001 | |
| Chromium | 7440-47-3 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | 0.001 | 0.001 | |
| Cobalt | 7440-48-4 | 0.001 | mg/L | 0.001 | 0.005 | 0.006 | <0.001 | <0.001 | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

| | | | | TR26 89J3DHSVJ-27 | TR35 89J3DHSVJ-28 | TR7 89J3DHSVJ-29 | VKY0035C 89J3DHSVJ-30 | VKY0036C 89J3DHSVJ-31 |
|---|------------|--------|------|----------------------|----------------------|---------------------|--------------------------|--------------------------|
| Sampling date / time | | | | 05-Jan-2026 13:42 | 05-Jan-2026 14:25 | 05-Jan-2026 13:55 | 08-Jan-2026 10:15 | 05-Jan-2026 11:00 |
| Compound | CAS Number | LOR | Unit | EN2600510-026 | EN2600510-027 | EN2600510-028 | EN2600510-029 | EN2600510-030 |
| | | | | Result | Result | Result | Result | Result |
| EG020F: Dissolved Metals by ICP-MS - Continued | | | | | | | | |
| Copper | 7440-50-8 | 0.001 | mg/L | <0.001 | 0.546 | 0.194 | 0.001 | <0.001 |
| Lead | 7439-92-1 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Manganese | 7439-96-5 | 0.001 | mg/L | 0.146 | 0.489 | 0.304 | 0.295 | 0.068 |
| Molybdenum | 7439-98-7 | 0.001 | mg/L | 0.002 | 0.005 | 0.002 | 0.008 | 0.003 |
| Nickel | 7440-02-0 | 0.001 | mg/L | 0.003 | 0.032 | 0.011 | 0.004 | 0.004 |
| Selenium | 7782-49-2 | 0.010 | mg/L | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Silver | 7440-22-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Strontium | 7440-24-6 | 0.001 | mg/L | 4.09 | 8.29 | 10.1 | 0.876 | 1.40 |
| Tin | 7440-31-5 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Zinc | 7440-66-6 | 0.005 | mg/L | 0.006 | 0.015 | 0.025 | <0.005 | <0.005 |
| Boron | 7440-42-8 | 0.05 | mg/L | 0.09 | 0.06 | <0.05 | <0.05 | 0.06 |
| Iron | 7439-89-6 | 0.05 | mg/L | 0.08 | <0.05 | <0.05 | 0.67 | 0.67 |
| EG035F: Dissolved Mercury by FIMS | | | | | | | | |
| Mercury | 7439-97-6 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| EK055G: Ammonia as N by Discrete Analyser | | | | | | | | |
| Ammonia as N | 7664-41-7 | 0.01 | mg/L | 0.22 | 0.04 | 0.11 | 1.08 | 1.46 |
| EK057G: Nitrite as N by Discrete Analyser | | | | | | | | |
| Nitrite as N | 14797-65-0 | 0.01 | mg/L | 0.02 | 0.01 | <0.01 | <0.01 | 0.01 |
| EK058G: Nitrate as N by Discrete Analyser | | | | | | | | |
| Nitrate as N | 14797-55-8 | 0.01 | mg/L | 0.01 | 0.32 | <0.01 | <0.01 | <0.01 |
| EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser | | | | | | | | |
| Nitrite + Nitrate as N | ---- | 0.01 | mg/L | 0.03 | 0.33 | <0.01 | <0.01 | <0.01 |
| EK067FG: Filtered Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Filtered Total Phosphorus as P | ---- | 0.01 | mg/L | 0.10 | 0.05 | 0.07 | 0.06 | 0.13 |
| EK067G: Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Total Phosphorus as P | ---- | 0.01 | mg/L | 0.10 | 0.04 | 0.09 | 0.11 | 0.26 |
| EN055: Ionic Balance | | | | | | | | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

| | | | | Sample ID | TR26 89J3DHSVJ-27 | TR35 89J3DHSVJ-28 | TR7 89J3DHSVJ-29 | VKY0035C 89J3DHSVJ-30 | VKY0036C 89J3DHSVJ-31 |
|---|------------|------|-------|----------------------|----------------------|----------------------|---------------------|--------------------------|--------------------------|
| | | | | Sampling date / time | 05-Jan-2026 13:42 | 05-Jan-2026 14:25 | 05-Jan-2026 13:55 | 08-Jan-2026 10:15 | 05-Jan-2026 11:00 |
| Compound | CAS Number | LOR | Unit | EN2600510-026 | EN2600510-027 | EN2600510-028 | EN2600510-029 | EN2600510-030 | EN2600510-030 |
| | | | | Result | Result | Result | Result | Result | Result |
| EN055: Ionic Balance - Continued | | | | | | | | | |
| ∅ Total Anions | ---- | 0.01 | meq/L | 74.2 | 184 | 174 | 35.1 | 56.6 | |
| ∅ Total Cations | ---- | 0.01 | meq/L | 71.5 | 167 | 150 | 32.4 | 53.7 | |
| ∅ Ionic Balance | ---- | 0.01 | % | 1.87 | 4.86 | 7.46 | 4.01 | 2.69 | |
| EP020: Oil and Grease (O&G) | | | | | | | | | |
| Oil & Grease | ---- | 5 | mg/L | <5 | 8 | <5 | <5 | <5 | |
| EP025: Oxygen - Dissolved (DO) | | | | | | | | | |
| Dissolved Oxygen | ---- | 0.1 | mg/L | 7.2 | 7.7 | 7.2 | 7.4 | 6.9 | |



Analytical Results

| Sub-Matrix: WATER (Matrix: WATER) | | | | Sample ID | VKY0042C 89J3DHSVJ-32 | VKY0034C 89J3DHSVJ-33 | VKY0043C 89J3DHSVJ-34 | VNW223/P-3 89J3DHSVJ-35 | VNW390 89J3DHSVJ-36 |
|--|------------|--------|---------|-------------------------|--------------------------|--------------------------|--------------------------|----------------------------|------------------------|
| Sampling date / time | | | | 08-Jan-2026 10:37 | 08-Jan-2026 09:46 | 05-Jan-2026 14:40 | 09-Jan-2026 11:20 | 07-Jan-2026 09:20 | |
| Compound | CAS Number | LOR | Unit | EN2600510-031 Result | EN2600510-032 Result | EN2600510-033 Result | EN2600510-034 Result | EN2600510-035 Result | |
| EA005P: pH by PC Titrator | | | | | | | | | |
| pH Value | ---- | 0.01 | pH Unit | 7.39 | 7.79 | 7.59 | 7.96 | 7.56 | |
| EA010P: Conductivity by PC Titrator | | | | | | | | | |
| Electrical Conductivity @ 25°C | ---- | 1 | µS/cm | 5570 | 3790 | 1540 | 5100 | 2280 | |
| EA015: Total Dissolved Solids dried at 180 ± 5 °C | | | | | | | | | |
| Total Dissolved Solids @180°C | ---- | 10 | mg/L | 3880 | 2470 | 923 | 2960 | 1390 | |
| ED037P: Alkalinity by PC Titrator | | | | | | | | | |
| Hydroxide Alkalinity as CaCO3 | ---- | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| Carbonate Alkalinity as CaCO3 | 3812-32-6 | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| Bicarbonate Alkalinity as CaCO3 | 71-52-3 | 1 | mg/L | 826 | 1320 | 337 | 948 | 615 | |
| Total Alkalinity as CaCO3 | ---- | 1 | mg/L | 826 | 1320 | 337 | 948 | 615 | |
| ED041G: Sulfate (Turbidimetric) as SO4 2- by DA | | | | | | | | | |
| Sulfate as SO4 - Turbidimetric | 14808-79-8 | 1 | mg/L | 298 | 106 | 47 | 180 | 91 | |
| ED045G: Chloride by Discrete Analyser | | | | | | | | | |
| Chloride | 16887-00-6 | 1 | mg/L | 1240 | 547 | 319 | 1080 | 403 | |
| ED093F: Dissolved Major Cations | | | | | | | | | |
| Calcium | 7440-70-2 | 1 | mg/L | 163 | 23 | 41 | 76 | 155 | |
| Magnesium | 7439-95-4 | 1 | mg/L | 204 | 31 | 27 | 105 | 42 | |
| Sodium | 7440-23-5 | 1 | mg/L | 694 | 808 | 242 | 878 | 261 | |
| Potassium | 7440-09-7 | 1 | mg/L | 20 | 6 | 3 | 7 | 10 | |
| EG020F: Dissolved Metals by ICP-MS | | | | | | | | | |
| Aluminium | 7429-90-5 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| Antimony | 7440-36-0 | 0.001 | mg/L | <0.001 | <0.001 | 0.001 | <0.001 | <0.001 | |
| Arsenic | 7440-38-2 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 | |
| Barium | 7440-39-3 | 0.001 | mg/L | 0.121 | 0.166 | 0.064 | 0.090 | 0.115 | |
| Cadmium | 7440-43-9 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | |
| Chromium | 7440-47-3 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 | |
| Cobalt | 7440-48-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

| | | | | VKY0042C 89J3DHSVJ-32 | VKY0034C 89J3DHSVJ-33 | VKY0043C 89J3DHSVJ-34 | VNW223/P-3 89J3DHSVJ-35 | VNW390 89J3DHSVJ-36 |
|---|------------|--------|------|--------------------------|--------------------------|--------------------------|----------------------------|------------------------|
| Sampling date / time | | | | 08-Jan-2026 10:37 | 08-Jan-2026 09:46 | 05-Jan-2026 14:40 | 09-Jan-2026 11:20 | 07-Jan-2026 09:20 |
| Compound | CAS Number | LOR | Unit | EN2600510-031 | EN2600510-032 | EN2600510-033 | EN2600510-034 | EN2600510-035 |
| | | | | Result | Result | Result | Result | Result |
| EG020F: Dissolved Metals by ICP-MS - Continued | | | | | | | | |
| Copper | 7440-50-8 | 0.001 | mg/L | 0.005 | <0.001 | 0.005 | 0.005 | <0.001 |
| Lead | 7439-92-1 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Manganese | 7439-96-5 | 0.001 | mg/L | 0.197 | 0.029 | 0.147 | 0.012 | 0.205 |
| Molybdenum | 7439-98-7 | 0.001 | mg/L | <0.001 | <0.001 | 0.002 | 0.002 | 0.006 |
| Nickel | 7440-02-0 | 0.001 | mg/L | 0.001 | <0.001 | <0.001 | 0.002 | 0.012 |
| Selenium | 7782-49-2 | 0.010 | mg/L | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Silver | 7440-22-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Strontium | 7440-24-6 | 0.001 | mg/L | 3.29 | 0.614 | 0.569 | 1.94 | 1.82 |
| Tin | 7440-31-5 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Zinc | 7440-66-6 | 0.005 | mg/L | <0.005 | <0.005 | 0.015 | 0.006 | <0.005 |
| Boron | 7440-42-8 | 0.05 | mg/L | <0.05 | <0.05 | <0.05 | 0.06 | 0.09 |
| Iron | 7439-89-6 | 0.05 | mg/L | 0.77 | 0.05 | <0.05 | <0.05 | 0.68 |
| EG035F: Dissolved Mercury by FIMS | | | | | | | | |
| Mercury | 7439-97-6 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| EK055G: Ammonia as N by Discrete Analyser | | | | | | | | |
| Ammonia as N | 7664-41-7 | 0.01 | mg/L | 0.91 | 0.89 | 0.04 | 0.02 | 0.68 |
| EK057G: Nitrite as N by Discrete Analyser | | | | | | | | |
| Nitrite as N | 14797-65-0 | 0.01 | mg/L | 0.12 | 0.11 | <0.01 | <0.01 | 0.01 |
| EK058G: Nitrate as N by Discrete Analyser | | | | | | | | |
| Nitrate as N | 14797-55-8 | 0.01 | mg/L | <0.01 | <0.01 | 0.15 | 2.82 | <0.01 |
| EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser | | | | | | | | |
| Nitrite + Nitrate as N | ---- | 0.01 | mg/L | 0.02 | 0.01 | 0.15 | 2.82 | <0.01 |
| EK067FG: Filtered Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Filtered Total Phosphorus as P | ---- | 0.01 | mg/L | 0.03 | 0.08 | 0.07 | 0.10 | 0.02 |
| EK067G: Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Total Phosphorus as P | ---- | 0.01 | mg/L | 0.02 | 0.14 | 0.08 | 0.12 | 0.04 |
| EN055: Ionic Balance | | | | | | | | |



Analytical Results

| Sub-Matrix: WATER (Matrix: WATER) | | | | Sample ID | VKY0042C 89J3DHVJ-32 | VKY0034C 89J3DHVJ-33 | VKY0043C 89J3DHVJ-34 | VNW223/P-3 89J3DHVJ-35 | VNW390 89J3DHVJ-36 |
|---|------------|------|-------|-------------------|-------------------------|-------------------------|-------------------------|---------------------------|-----------------------|
| Sampling date / time | | | | 08-Jan-2026 10:37 | 08-Jan-2026 09:46 | 05-Jan-2026 14:40 | 09-Jan-2026 11:20 | 07-Jan-2026 09:20 | |
| Compound | CAS Number | LOR | Unit | EN2600510-031 | EN2600510-032 | EN2600510-033 | EN2600510-034 | EN2600510-035 | |
| | | | | Result | Result | Result | Result | Result | |
| EN055: Ionic Balance - Continued | | | | | | | | | |
| ∅ Total Anions | ---- | 0.01 | meq/L | 57.7 | 44.0 | 16.7 | 53.2 | 25.6 | |
| ∅ Total Cations | ---- | 0.01 | meq/L | 55.6 | 39.0 | 14.9 | 50.8 | 22.8 | |
| ∅ Ionic Balance | ---- | 0.01 | % | 1.82 | 6.04 | 5.82 | 2.26 | 5.69 | |
| EP020: Oil and Grease (O&G) | | | | | | | | | |
| Oil & Grease | ---- | 5 | mg/L | <5 | 8 | <5 | <5 | <5 | |
| EP025: Oxygen - Dissolved (DO) | | | | | | | | | |
| Dissolved Oxygen | ---- | 0.1 | mg/L | 7.1 | 6.4 | 7.1 | 9.2 | 7.1 | |



Analytical Results

| Sub-Matrix: WATER (Matrix: WATER) | | | | Sample ID | VNW391 89J3DHSVJ-37 | VNW392 89J3DHSVJ-38 | VNW393 89J3DHSVJ-39 | VNW394 89J3DHSVJ-40 | VNW395 89J3DHSVJ-41 |
|--|------------|--------|---------|-------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Sampling date / time | | | | 07-Jan-2026 10:04 | 07-Jan-2026 10:24 | 07-Jan-2026 08:50 | 07-Jan-2026 08:30 | 07-Jan-2026 09:45 | |
| Compound | CAS Number | LOR | Unit | EN2600510-036 | EN2600510-037 | EN2600510-038 | EN2600510-039 | EN2600510-040 | |
| | | | | Result | Result | Result | Result | Result | |
| EA005P: pH by PC Titrator | | | | | | | | | |
| pH Value | ---- | 0.01 | pH Unit | 7.76 | 7.40 | 7.76 | 7.68 | 8.03 | |
| EA010P: Conductivity by PC Titrator | | | | | | | | | |
| Electrical Conductivity @ 25°C | ---- | 1 | µS/cm | 2540 | 3410 | 3000 | 5700 | 2350 | |
| EA015: Total Dissolved Solids dried at 180 ± 5 °C | | | | | | | | | |
| Total Dissolved Solids @180°C | ---- | 10 | mg/L | 1710 | 2670 | 1930 | 3790 | 1620 | |
| ED037P: Alkalinity by PC Titrator | | | | | | | | | |
| Hydroxide Alkalinity as CaCO3 | ---- | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| Carbonate Alkalinity as CaCO3 | 3812-32-6 | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| Bicarbonate Alkalinity as CaCO3 | 71-52-3 | 1 | mg/L | 626 | 645 | 360 | 347 | 564 | |
| Total Alkalinity as CaCO3 | ---- | 1 | mg/L | 626 | 645 | 360 | 347 | 564 | |
| ED041G: Sulfate (Turbidimetric) as SO4 2- by DA | | | | | | | | | |
| Sulfate as SO4 - Turbidimetric | 14808-79-8 | 1 | mg/L | 126 | 289 | 170 | 591 | 167 | |
| ED045G: Chloride by Discrete Analyser | | | | | | | | | |
| Chloride | 16887-00-6 | 1 | mg/L | 490 | 693 | 687 | 1330 | 400 | |
| ED093F: Dissolved Major Cations | | | | | | | | | |
| Calcium | 7440-70-2 | 1 | mg/L | 179 | 253 | 135 | 187 | 46 | |
| Magnesium | 7439-95-4 | 1 | mg/L | 59 | 88 | 32 | 77 | 35 | |
| Sodium | 7440-23-5 | 1 | mg/L | 269 | 332 | 415 | 866 | 423 | |
| Potassium | 7440-09-7 | 1 | mg/L | 12 | 16 | 5 | 7 | 4 | |
| EG020F: Dissolved Metals by ICP-MS | | | | | | | | | |
| Aluminium | 7429-90-5 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| Antimony | 7440-36-0 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | |
| Arsenic | 7440-38-2 | 0.001 | mg/L | 0.002 | 0.001 | <0.001 | 0.004 | <0.001 | |
| Barium | 7440-39-3 | 0.001 | mg/L | 0.121 | 0.113 | 0.052 | 0.056 | 0.047 | |
| Cadmium | 7440-43-9 | 0.0001 | mg/L | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | |
| Chromium | 7440-47-3 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | |
| Cobalt | 7440-48-4 | 0.001 | mg/L | <0.001 | 0.003 | <0.001 | 0.007 | <0.001 | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

| | | | | VNW391 89J3DHSVJ-37 | VNW392 89J3DHSVJ-38 | VNW393 89J3DHSVJ-39 | VNW394 89J3DHSVJ-40 | VNW395 89J3DHSVJ-41 |
|---|------------|--------|------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Sampling date / time | | | | 07-Jan-2026 10:04 | 07-Jan-2026 10:24 | 07-Jan-2026 08:50 | 07-Jan-2026 08:30 | 07-Jan-2026 09:45 |
| Compound | CAS Number | LOR | Unit | EN2600510-036 | EN2600510-037 | EN2600510-038 | EN2600510-039 | EN2600510-040 |
| | | | | Result | Result | Result | Result | Result |
| EG020F: Dissolved Metals by ICP-MS - Continued | | | | | | | | |
| Copper | 7440-50-8 | 0.001 | mg/L | 0.013 | <0.001 | <0.001 | <0.001 | 0.002 |
| Lead | 7439-92-1 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Manganese | 7439-96-5 | 0.001 | mg/L | 0.072 | 0.240 | 0.168 | 0.294 | 0.036 |
| Molybdenum | 7439-98-7 | 0.001 | mg/L | <0.001 | 0.002 | 0.004 | 0.001 | 0.002 |
| Nickel | 7440-02-0 | 0.001 | mg/L | 0.001 | 0.008 | 0.004 | 0.010 | 0.007 |
| Selenium | 7782-49-2 | 0.010 | mg/L | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Silver | 7440-22-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Strontium | 7440-24-6 | 0.001 | mg/L | 1.93 | 2.76 | 2.02 | 2.94 | 0.694 |
| Tin | 7440-31-5 | 0.001 | mg/L | 0.037 | <0.001 | <0.001 | <0.001 | <0.001 |
| Zinc | 7440-66-6 | 0.005 | mg/L | 0.042 | <0.005 | <0.005 | 0.012 | <0.005 |
| Boron | 7440-42-8 | 0.05 | mg/L | 0.09 | 0.08 | 0.06 | <0.05 | <0.05 |
| Iron | 7439-89-6 | 0.05 | mg/L | <0.05 | 1.81 | 0.50 | <0.05 | 0.09 |
| EG035F: Dissolved Mercury by FIMS | | | | | | | | |
| Mercury | 7439-97-6 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| EK055G: Ammonia as N by Discrete Analyser | | | | | | | | |
| Ammonia as N | 7664-41-7 | 0.01 | mg/L | 0.04 | 0.50 | 0.46 | 0.15 | 0.74 |
| EK057G: Nitrite as N by Discrete Analyser | | | | | | | | |
| Nitrite as N | 14797-65-0 | 0.01 | mg/L | 0.01 | 0.01 | <0.01 | <0.01 | 0.06 |
| EK058G: Nitrate as N by Discrete Analyser | | | | | | | | |
| Nitrate as N | 14797-55-8 | 0.01 | mg/L | 0.35 | <0.01 | <0.01 | <0.01 | 0.03 |
| EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser | | | | | | | | |
| Nitrite + Nitrate as N | ---- | 0.01 | mg/L | 0.36 | <0.01 | <0.01 | <0.01 | 0.09 |
| EK067FG: Filtered Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Filtered Total Phosphorus as P | ---- | 0.01 | mg/L | 0.05 | 0.08 | 0.06 | 0.34 | 0.27 |
| EK067G: Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Total Phosphorus as P | ---- | 0.01 | mg/L | 0.04 | 0.10 | 0.06 | 0.34 | 0.26 |
| EN055: Ionic Balance | | | | | | | | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

| | | | | Sample ID | VNW391 89J3DHVJ-37 | VNW392 89J3DHVJ-38 | VNW393 89J3DHVJ-39 | VNW394 89J3DHVJ-40 | VNW395 89J3DHVJ-41 |
|---|------------|------|-------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | | | Sampling date / time | 07-Jan-2026 10:04 | 07-Jan-2026 10:24 | 07-Jan-2026 08:50 | 07-Jan-2026 08:30 | 07-Jan-2026 09:45 |
| Compound | CAS Number | LOR | Unit | | EN2600510-036 | EN2600510-037 | EN2600510-038 | EN2600510-039 | EN2600510-040 |
| | | | | Result | Result | Result | Result | Result | Result |
| EN055: Ionic Balance - Continued | | | | | | | | | |
| ∅ Total Anions | ---- | 0.01 | meq/L | | 29.0 | 38.5 | 30.1 | 56.8 | 26.0 |
| ∅ Total Cations | ---- | 0.01 | meq/L | | 25.8 | 34.7 | 27.5 | 53.5 | 23.7 |
| ∅ Ionic Balance | ---- | 0.01 | % | | 5.77 | 5.10 | 4.44 | 2.94 | 4.73 |
| EP020: Oil and Grease (O&G) | | | | | | | | | |
| Oil & Grease | ---- | 5 | mg/L | | <5 | <5 | <5 | <5 | <5 |
| EP025: Oxygen - Dissolved (DO) | | | | | | | | | |
| Dissolved Oxygen | ---- | 0.1 | mg/L | | 6.7 | 7.1 | 7.7 | 7.3 | 7.1 |



Analytical Results

| Sub-Matrix: WATER (Matrix: WATER) | | | | Sample ID | WR1 89J3DHSVJ-42 | WR2 89J3DHSVJ-43 | GW-4 89J3DHSVJ-44 | GW-10 89J3DHSVJ-45 | GW-15 89J3DHSVJ-46 |
|--|------------|--------|---------|-------------------|---------------------|---------------------|----------------------|-----------------------|-----------------------|
| Sampling date / time | | | | 09-Jan-2026 10:00 | 09-Jan-2026 09:44 | 08-Jan-2026 12:37 | 08-Jan-2026 11:45 | 09-Jan-2026 12:30 | |
| Compound | CAS Number | LOR | Unit | EN2600510-041 | EN2600510-042 | EN2600510-043 | EN2600510-044 | EN2600510-045 | |
| | | | | Result | Result | Result | Result | Result | |
| EA005P: pH by PC Titrator | | | | | | | | | |
| pH Value | ---- | 0.01 | pH Unit | 7.38 | 7.46 | 8.40 | 8.39 | 8.89 | |
| EA010P: Conductivity by PC Titrator | | | | | | | | | |
| Electrical Conductivity @ 25°C | ---- | 1 | µS/cm | 25800 | 24700 | 2850 | 1490 | 753 | |
| EA015: Total Dissolved Solids dried at 180 ± 5 °C | | | | | | | | | |
| Total Dissolved Solids @180°C | ---- | 10 | mg/L | 33900 | 31200 | 1820 | 1130 | 472 | |
| ED037P: Alkalinity by PC Titrator | | | | | | | | | |
| Hydroxide Alkalinity as CaCO3 | ---- | 1 | mg/L | <1 | <1 | <1 | <1 | <1 | |
| Carbonate Alkalinity as CaCO3 | 3812-32-6 | 1 | mg/L | <1 | <1 | 29 | 18 | 38 | |
| Bicarbonate Alkalinity as CaCO3 | 71-52-3 | 1 | mg/L | 629 | 541 | 1130 | 794 | 292 | |
| Total Alkalinity as CaCO3 | ---- | 1 | mg/L | 629 | 541 | 1160 | 812 | 331 | |
| ED041G: Sulfate (Turbidimetric) as SO4 2- by DA | | | | | | | | | |
| Sulfate as SO4 - Turbidimetric | 14808-79-8 | 1 | mg/L | 1050 | 1240 | 3 | <5 | 35 | |
| ED045G: Chloride by Discrete Analyser | | | | | | | | | |
| Chloride | 16887-00-6 | 1 | mg/L | 8700 | 8510 | 389 | 56 | 31 | |
| ED093F: Dissolved Major Cations | | | | | | | | | |
| Calcium | 7440-70-2 | 1 | mg/L | 1090 | 1090 | 5 | 34 | 5 | |
| Magnesium | 7439-95-4 | 1 | mg/L | 808 | 664 | 6 | 25 | 2 | |
| Sodium | 7440-23-5 | 1 | mg/L | 4030 | 4050 | 751 | 327 | 184 | |
| Potassium | 7440-09-7 | 1 | mg/L | 12 | 22 | 4 | 23 | 4 | |
| EG020F: Dissolved Metals by ICP-MS | | | | | | | | | |
| Aluminium | 7429-90-5 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| Antimony | 7440-36-0 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | 0.004 | <0.001 | |
| Arsenic | 7440-38-2 | 0.001 | mg/L | <0.001 | <0.001 | 0.002 | 0.002 | <0.001 | |
| Barium | 7440-39-3 | 0.001 | mg/L | 0.101 | 0.186 | 0.401 | 0.060 | 0.021 | |
| Cadmium | 7440-43-9 | 0.0001 | mg/L | 0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | |
| Chromium | 7440-47-3 | 0.001 | mg/L | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 | |
| Cobalt | 7440-48-4 | 0.001 | mg/L | 0.002 | 0.005 | <0.001 | <0.001 | <0.001 | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

| | | | | WR1 89J3DHSVJ-42 | WR2 89J3DHSVJ-43 | GW-4 89J3DHSVJ-44 | GW-10 89J3DHSVJ-45 | GW-15 89J3DHSVJ-46 |
|---|------------|--------|------|---------------------|---------------------|----------------------|-----------------------|-----------------------|
| Sampling date / time | | | | 09-Jan-2026 10:00 | 09-Jan-2026 09:44 | 08-Jan-2026 12:37 | 08-Jan-2026 11:45 | 09-Jan-2026 12:30 |
| Compound | CAS Number | LOR | Unit | EN2600510-041 | EN2600510-042 | EN2600510-043 | EN2600510-044 | EN2600510-045 |
| | | | | Result | Result | Result | Result | Result |
| EG020F: Dissolved Metals by ICP-MS - Continued | | | | | | | | |
| Copper | 7440-50-8 | 0.001 | mg/L | 0.208 | 0.003 | <0.001 | 0.094 | <0.001 |
| Lead | 7439-92-1 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Manganese | 7439-96-5 | 0.001 | mg/L | 0.104 | 0.696 | 0.011 | 0.052 | 0.008 |
| Molybdenum | 7439-98-7 | 0.001 | mg/L | 0.001 | 0.009 | <0.001 | 0.002 | 0.003 |
| Nickel | 7440-02-0 | 0.001 | mg/L | 0.021 | 0.076 | 0.001 | 0.004 | <0.001 |
| Selenium | 7782-49-2 | 0.010 | mg/L | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Silver | 7440-22-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Strontium | 7440-24-6 | 0.001 | mg/L | 28.6 | 26.7 | 0.183 | 0.776 | 0.206 |
| Tin | 7440-31-5 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Zinc | 7440-66-6 | 0.005 | mg/L | 0.015 | 0.022 | 0.006 | 0.102 | <0.005 |
| Boron | 7440-42-8 | 0.05 | mg/L | 0.19 | 0.14 | 0.14 | 0.14 | <0.05 |
| Iron | 7439-89-6 | 0.05 | mg/L | <0.05 | 1.90 | 0.68 | 0.10 | <0.05 |
| EG035F: Dissolved Mercury by FIMS | | | | | | | | |
| Mercury | 7439-97-6 | 0.0001 | mg/L | 0.0087 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| EK055G: Ammonia as N by Discrete Analyser | | | | | | | | |
| Ammonia as N | 7664-41-7 | 0.01 | mg/L | <0.10 | 0.93 | 0.71 | 0.05 | 0.03 |
| EK057G: Nitrite as N by Discrete Analyser | | | | | | | | |
| Nitrite as N | 14797-65-0 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| EK058G: Nitrate as N by Discrete Analyser | | | | | | | | |
| Nitrate as N | 14797-55-8 | 0.01 | mg/L | 0.10 | <0.01 | 0.01 | <0.01 | <0.01 |
| EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser | | | | | | | | |
| Nitrite + Nitrate as N | ---- | 0.01 | mg/L | 0.10 | <0.01 | 0.01 | <0.01 | <0.01 |
| EK067FG: Filtered Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Filtered Total Phosphorus as P | ---- | 0.01 | mg/L | <0.01 | 0.02 | 0.17 | 0.47 | 0.11 |
| EK067G: Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Total Phosphorus as P | ---- | 0.01 | mg/L | 0.15 | 0.21 | 0.16 | 0.52 | 0.13 |
| EN055: Ionic Balance | | | | | | | | |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

| | | | | WR1 89J3DHSVJ-42 | WR2 89J3DHSVJ-43 | GW-4 89J3DHSVJ-44 | GW-10 89J3DHSVJ-45 | GW-15 89J3DHSVJ-46 |
|---|------------|------|-------|---------------------|---------------------|----------------------|-----------------------|-----------------------|
| Sampling date / time | | | | 09-Jan-2026 10:00 | 09-Jan-2026 09:44 | 08-Jan-2026 12:37 | 08-Jan-2026 11:45 | 09-Jan-2026 12:30 |
| Compound | CAS Number | LOR | Unit | EN2600510-041 | EN2600510-042 | EN2600510-043 | EN2600510-044 | EN2600510-045 |
| | | | | Result | Result | Result | Result | Result |
| EN055: Ionic Balance - Continued | | | | | | | | |
| ∅ Total Anions | ---- | 0.01 | meq/L | 280 | 277 | 34.2 | 17.8 | 8.22 |
| ∅ Total Cations | ---- | 0.01 | meq/L | 296 | 286 | 33.5 | 18.6 | 8.52 |
| ∅ Ionic Balance | ---- | 0.01 | % | 2.89 | 1.62 | 1.03 | 2.10 | 1.81 |
| EP020: Oil and Grease (O&G) | | | | | | | | |
| Oil & Grease | ---- | 5 | mg/L | <5 | <5 | <5 | <5 | <5 |
| EP025: Oxygen - Dissolved (DO) | | | | | | | | |
| Dissolved Oxygen | ---- | 0.1 | mg/L | 6.9 | 7.0 | 5.6 | 6.8 | 7.2 |



Analytical Results

| Sub-Matrix: WATER (Matrix: WATER) | | | Sample ID | GW971614 89J3DHSVJ-47 | GW971400 89J3DHSVJ-48 | VKY GW Duplicate 1 89J3DHSVJ-49 | VKY GW Duplicate 2 89J3DHSVJ-50 | VKY-GW-Blank 89J3DHSVJ-51 |
|--|------------|--------|-------------------|--------------------------|--------------------------|------------------------------------|------------------------------------|------------------------------|
| Sampling date / time | | | 09-Jan-2026 07:01 | 09-Jan-2026 07:20 | 08-Jan-2026 13:06 | 09-Jan-2026 10:23 | 05-Jan-2026 08:00 | |
| Compound | CAS Number | LOR | Unit | EN2600510-046 Result | EN2600510-047 Result | EN2600510-048 Result | EN2600510-049 Result | EN2600510-050 Result |
| EA005P: pH by PC Titrator | | | | | | | | |
| pH Value | ---- | 0.01 | pH Unit | 7.63 | 7.63 | 8.39 | 7.88 | 6.23 |
| EA010P: Conductivity by PC Titrator | | | | | | | | |
| Electrical Conductivity @ 25°C | ---- | 1 | µS/cm | 2540 | 2540 | 1470 | 768 | 51 |
| EA015: Total Dissolved Solids dried at 180 ± 5 °C | | | | | | | | |
| Total Dissolved Solids @180°C | ---- | 10 | mg/L | 1950 | 1890 | 1160 | 590 | 33 |
| ED037P: Alkalinity by PC Titrator | | | | | | | | |
| Hydroxide Alkalinity as CaCO3 | ---- | 1 | mg/L | <1 | <1 | <1 | <1 | <1 |
| Carbonate Alkalinity as CaCO3 | 3812-32-6 | 1 | mg/L | <1 | <1 | 19 | <1 | <1 |
| Bicarbonate Alkalinity as CaCO3 | 71-52-3 | 1 | mg/L | 422 | 423 | 797 | 405 | 9 |
| Total Alkalinity as CaCO3 | ---- | 1 | mg/L | 422 | 423 | 816 | 405 | 9 |
| ED041G: Sulfate (Turbidimetric) as SO4 2- by DA | | | | | | | | |
| Sulfate as SO4 - Turbidimetric | 14808-79-8 | 1 | mg/L | 472 | 464 | <5 | 4 | <1 |
| ED045G: Chloride by Discrete Analyser | | | | | | | | |
| Chloride | 16887-00-6 | 1 | mg/L | 408 | 398 | 44 | 24 | 10 |
| ED093F: Dissolved Major Cations | | | | | | | | |
| Calcium | 7440-70-2 | 1 | mg/L | 190 | 188 | 34 | 27 | <1 |
| Magnesium | 7439-95-4 | 1 | mg/L | 80 | 79 | 25 | 12 | <1 |
| Sodium | 7440-23-5 | 1 | mg/L | 249 | 249 | 325 | 153 | 11 |
| Potassium | 7440-09-7 | 1 | mg/L | 2 | 2 | 23 | 7 | <1 |
| EG020F: Dissolved Metals by ICP-MS | | | | | | | | |
| Aluminium | 7429-90-5 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Antimony | 7440-36-0 | 0.001 | mg/L | <0.001 | <0.001 | 0.004 | <0.001 | <0.001 |
| Arsenic | 7440-38-2 | 0.001 | mg/L | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 |
| Barium | 7440-39-3 | 0.001 | mg/L | 0.032 | 0.025 | 0.059 | 0.056 | <0.001 |
| Cadmium | 7440-43-9 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Chromium | 7440-47-3 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Cobalt | 7440-48-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | 0.002 | <0.001 |



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

| | | | | GW971614 89J3DHSVJ-47 | GW971400 89J3DHSVJ-48 | VKY GW Duplicate 1 89J3DHSVJ-49 | VKY GW Duplicate 2 89J3DHSVJ-50 | VKY-GW-Blank 89J3DHSVJ-51 |
|---|------------|--------|------|--------------------------|--------------------------|------------------------------------|------------------------------------|------------------------------|
| Sampling date / time | | | | 09-Jan-2026 07:01 | 09-Jan-2026 07:20 | 08-Jan-2026 13:06 | 09-Jan-2026 10:23 | 05-Jan-2026 08:00 |
| Compound | CAS Number | LOR | Unit | EN2600510-046 | EN2600510-047 | EN2600510-048 | EN2600510-049 | EN2600510-050 |
| | | | | Result | Result | Result | Result | Result |
| EG020F: Dissolved Metals by ICP-MS - Continued | | | | | | | | |
| Copper | 7440-50-8 | 0.001 | mg/L | <0.001 | <0.001 | 0.090 | 0.003 | <0.001 |
| Lead | 7439-92-1 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Manganese | 7439-96-5 | 0.001 | mg/L | 0.005 | 0.003 | 0.052 | 0.398 | <0.001 |
| Molybdenum | 7439-98-7 | 0.001 | mg/L | <0.001 | <0.001 | 0.002 | 0.001 | <0.001 |
| Nickel | 7440-02-0 | 0.001 | mg/L | <0.001 | <0.001 | 0.004 | 0.005 | <0.001 |
| Selenium | 7782-49-2 | 0.010 | mg/L | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Silver | 7440-22-4 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Strontium | 7440-24-6 | 0.001 | mg/L | 0.590 | 0.589 | 0.762 | 1.06 | 0.002 |
| Tin | 7440-31-5 | 0.001 | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Zinc | 7440-66-6 | 0.005 | mg/L | <0.005 | <0.005 | 0.094 | 0.034 | <0.005 |
| Boron | 7440-42-8 | 0.05 | mg/L | <0.05 | <0.05 | 0.13 | 0.05 | <0.05 |
| Iron | 7439-89-6 | 0.05 | mg/L | <0.05 | <0.05 | 0.09 | 2.00 | <0.05 |
| EG035F: Dissolved Mercury by FIMS | | | | | | | | |
| Mercury | 7439-97-6 | 0.0001 | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| EK055G: Ammonia as N by Discrete Analyser | | | | | | | | |
| Ammonia as N | 7664-41-7 | 0.01 | mg/L | 0.03 | 0.02 | 0.06 | 1.47 | 0.08 |
| EK057G: Nitrite as N by Discrete Analyser | | | | | | | | |
| Nitrite as N | 14797-65-0 | 0.01 | mg/L | <0.01 | <0.01 | <0.01 | 0.03 | <0.01 |
| EK058G: Nitrate as N by Discrete Analyser | | | | | | | | |
| Nitrate as N | 14797-55-8 | 0.01 | mg/L | 2.41 | 2.40 | <0.01 | 0.01 | 0.02 |
| EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser | | | | | | | | |
| Nitrite + Nitrate as N | ---- | 0.01 | mg/L | 2.41 | 2.40 | <0.01 | 0.04 | 0.02 |
| EK067FG: Filtered Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Filtered Total Phosphorus as P | ---- | 0.01 | mg/L | 0.13 | 0.08 | 0.45 | 1.84 | <0.01 |
| EK067G: Total Phosphorus as P by Discrete Analyser | | | | | | | | |
| Total Phosphorus as P | ---- | 0.01 | mg/L | 0.15 | 0.11 | 0.50 | 1.73 | 0.01 |
| EN055: Ionic Balance | | | | | | | | |



Analytical Results

| Sub-Matrix: WATER (Matrix: WATER) | | | | Sample ID | GW971614 89J3DHSVJ-47 | GW971400 89J3DHSVJ-48 | VKY GW Duplicate 1 89J3DHSVJ-49 | VKY GW Duplicate 2 89J3DHSVJ-50 | VKY-GW-Blank 89J3DHSVJ-51 |
|---|------------|------|-------|-------------------|--------------------------|--------------------------|------------------------------------|------------------------------------|------------------------------|
| Sampling date / time | | | | 09-Jan-2026 07:01 | 09-Jan-2026 07:20 | 08-Jan-2026 13:06 | 09-Jan-2026 10:23 | 05-Jan-2026 08:00 | |
| Compound | CAS Number | LOR | Unit | EN2600510-046 | EN2600510-047 | EN2600510-048 | EN2600510-049 | EN2600510-050 | |
| | | | | Result | Result | Result | Result | Result | |
| EN055: Ionic Balance - Continued | | | | | | | | | |
| ∅ Total Anions | ---- | 0.01 | meq/L | 29.8 | 29.3 | 17.5 | 8.85 | 0.46 | |
| ∅ Total Cations | ---- | 0.01 | meq/L | 26.9 | 26.8 | 18.5 | 9.17 | 0.48 | |
| ∅ Ionic Balance | ---- | 0.01 | % | 4.97 | 4.59 | 2.59 | 1.76 | ---- | |
| EP020: Oil and Grease (O&G) | | | | | | | | | |
| Oil & Grease | ---- | 5 | mg/L | <5 | <5 | 11 | <5 | <5 | |
| EP025: Oxygen - Dissolved (DO) | | | | | | | | | |
| Dissolved Oxygen | ---- | 0.1 | mg/L | 7.7 | 7.9 | 7.8 | 7.0 | 9.1 | |

Inter-Laboratory Testing

Analysis conducted by ALS Sydney, NATA accreditation no. 825, site no. 10911 (Chemistry / Biology).

(WATER) ED093F: Dissolved Major Cations

(WATER) EN055: Ionic Balance

(WATER) ED045G: Chloride by Discrete Analyser

(WATER) ED041G: Sulfate (Turbidimetric) as SO4 2- by DA

(WATER) ED037P: Alkalinity by PC Titrator

(WATER) EK055G: Ammonia as N by Discrete Analyser

(WATER) EA010P: Conductivity by PC Titrator

(WATER) EA015: Total Dissolved Solids dried at 180 ± 5 °C

(WATER) EP020: Oil and Grease (O&G)

(WATER) EK057G: Nitrite as N by Discrete Analyser

(WATER) EK058G: Nitrate as N by Discrete Analyser

(WATER) EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser

(WATER) EK067G: Total Phosphorus as P by Discrete Analyser

(WATER) EG020F: Dissolved Metals by ICP-MS

(WATER) EP025: Oxygen - Dissolved (DO)

(WATER) EG035F: Dissolved Mercury by FIMS

(WATER) EK067FG: Filtered Total Phosphorus as P by Discrete Analyser

(WATER) EA005P: pH by PC Titrator

Cbased Environmental Pty Ltd
Unit 3, 2 Enterprise Crescent
Singleton
NSW 2330



NATA Accredited
Accreditation Number 1261
Site Number 18217

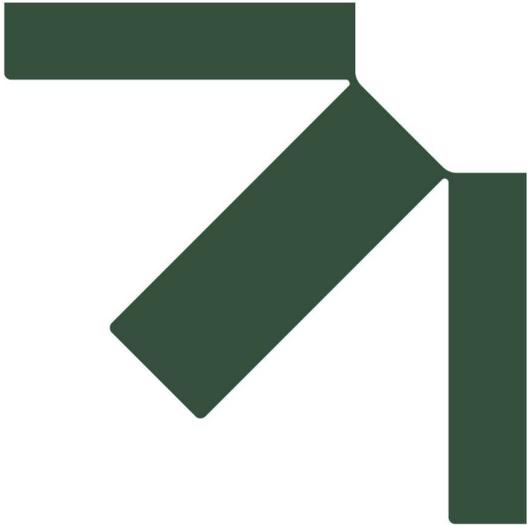
Accredited for compliance with ISO/IEC 17025 – Testing
 NATA is a signatory to the ILAC Mutual Recognition
 Arrangement for the mutual recognition of the
 equivalence of testing, medical testing, calibration,
 inspection, proficiency testing scheme providers and
 reference materials producers reports and certificates.

Attention: **Marni Blake**

Report **1311139-W**
 Project name **Vickery Qtrly GW**
 Received Date **Jan 12, 2026**

| Client Sample ID | | | VKY Lab Split Dup 1 Eurofins | VKY Lab Split Dup 2 Eurofins |
|---|--------|----------|---------------------------------|---------------------------------|
| Sample Matrix | | | Water | Water |
| Eurofins Sample No. | | | X26-Ja0013640 | X26-Ja0013641 |
| Date Sampled | | | Jan 08, 2026 | Jan 08, 2026 |
| Test/Reference | LOR | Unit | | |
| Ammonia (as N) | 0.01 | mg/L | < 0.01 | 1.2 |
| Chloride | 1 | mg/L | 34 | 22 |
| Conductivity (at 25 °C) | 10 | uS/cm | 1600 | 820 |
| Oil & Grease (HEM) | 10 | mg/L | < 10 | < 10 |
| pH (at 25 °C) | 0.1 | pH Units | 8.1 | 7.6 |
| Phosphate total (as P) | 0.01 | mg/L | 0.50 | 1.4 |
| Sulphate (as SO4) | 2 | mg/L | ^{G01} < 10 | 2.3 |
| Total Dissolved Solids Dried at 180 °C ± 2 °C | 10 | mg/L | 1100 | 510 |
| Alkalinity (speciated) | | | | |
| Bicarbonate Alkalinity (as CaCO3) | 20 | mg/L | 750 | 380 |
| Carbonate Alkalinity (as CaCO3) | 20 | mg/L | 48 | < 20 |
| Hydroxide Alkalinity (as CaCO3) | 20 | mg/L | < 20 | < 20 |
| Total Alkalinity (as CaCO3) | 20 | mg/L | 800 | 380 |
| Eurofins Suite B19B: NO3/NO2/NOx | | | | |
| Nitrate & Nitrite (as N) | 0.05 | mg/L | < 0.05 | 0.12 |
| Nitrate (as N) | 0.02 | mg/L | < 0.02 | 0.10 |
| Nitrite (as N) | 0.02 | mg/L | < 0.02 | 0.02 |
| Metals IWRG 621 : Metals M12 filtered | | | | |
| Arsenic (filtered) | 0.001 | mg/L | 0.003 | 0.001 |
| Cadmium (filtered) | 0.0002 | mg/L | < 0.0002 | < 0.0002 |
| Chromium (filtered) | 0.001 | mg/L | < 0.001 | < 0.001 |
| Copper (filtered) | 0.001 | mg/L | 0.090 | 0.004 |
| Lead (filtered) | 0.001 | mg/L | < 0.001 | < 0.001 |
| Molybdenum (filtered) | 0.005 | mg/L | < 0.005 | < 0.005 |
| Nickel (filtered) | 0.001 | mg/L | 0.004 | 0.005 |
| Selenium (filtered) | 0.001 | mg/L | < 0.001 | < 0.001 |
| Silver (filtered) | 0.005 | mg/L | < 0.005 | < 0.005 |
| Mercury (filtered) | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| Tin (filtered) | 0.005 | mg/L | < 0.005 | < 0.005 |
| Zinc (filtered) | 0.005 | mg/L | 0.083 | 0.035 |
| Heavy Metals (filtered) | | | | |
| Aluminium (filtered) | 0.05 | mg/L | < 0.05 | < 0.05 |
| Antimony (filtered) | 0.005 | mg/L | < 0.005 | < 0.005 |
| Barium (filtered) | 0.02 | mg/L | 0.06 | 0.05 |
| Boron (filtered) | 0.05 | mg/L | 0.16 | 0.08 |

| | | | | |
|--|-------|------|---|---|
| Client Sample ID | | | VKY Lab Split Dup 1 Eurofins | VKY Lab Split Dup 2 Eurofins |
| Sample Matrix | | | Water | Water |
| Eurofins Sample No. | | | X26-Ja0013640 | X26-Ja0013641 |
| Date Sampled | | | Jan 08, 2026 | Jan 08, 2026 |
| Test/Reference | LOR | Unit | | |
| Heavy Metals (filtered) | | | | |
| Cobalt (filtered) | 0.001 | mg/L | < 0.001 | 0.002 |
| Iron (filtered) | 0.05 | mg/L | 0.12 | 2.6 |
| Manganese (filtered) | 0.005 | mg/L | 0.052 | 0.37 |
| Strontium (filtered) | 0.001 | mg/L | 0.73 | 1.0 |
| Eurofins Suite B11C: Na/K/Ca/Mg | | | | |
| Calcium | 0.5 | mg/L | 29 | 29 |
| Magnesium | 0.5 | mg/L | 23 | 11 |
| Potassium | 0.5 | mg/L | 19 | 5.8 |
| Sodium | 0.5 | mg/L | 300 | 140 |



Appendix D Quality Trigger Level Anlaysis

Vickery Extension Project Groundwater Monitoring Report

Quarterly Review November 2025 – January 2026

Whitehaven Coal Ltd

SLR Project No.: 640.031099.00001

20 March 2026

Table D-1: pH (Field) Trigger Level Review

| Bore | Trigger Level | | Oct/Nov-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
|----------|---------------|------|------------|---------|---------|---------|--------|--------|--------|---------|---------|---------|
| GW01 | 6.90 | 8.30 | 7.33 | 7.20 | 7.14 | 7.2 | 7.16 | 7.10 | 7.33 | 7.00 | 7.27 | 7.10 |
| GW02 | 7.20 | 8.60 | 7.59 | 7.79 | 7.14 | 7.23 | 7.42 | 6.63 | 7.74 | 7.17 | 7.38 | 7.37 |
| GW03 | 6.10 | 8.10 | 7.19 | 7.16 | 7.05 | 7.36 | 7.22 | 7.08 | 7.17 | 7.17 | 7.28 | 7.11 |
| GW-10 | 6.70 | 8.40 | no data | no data | no data | no data | 7.57 | 7.36 | 7.92 | 7.71 | 8.37 | 7.97 |
| GW-11 | 7.00 | 9.30 | 7.36 | 6.93 | 6.55 | 6.09 | 7.17 | 7.03 | 7.15 | 6.62 | 7.00 | 7.20 |
| GW-13 | 6.70 | 8.40 | no data | no data | no data | no data | 7.35 | 7.30 | 7.24 | 7.27 | 7.26 | 7.34 |
| GW-14 | 6.90 | 8.30 | no data | no data | no data | no data | 6.95 | 6.53 | 6.94 | 6.99 | 6.79 | 7.01 |
| GW-15 | 6.90 | 8.30 | no data | no data | no data | no data | 8.97 | 8.85 | 8.96 | 8.88 | 9.15 | 9.15 |
| GW-2 | 6.90 | 8.30 | no data | no data | 6.85 | no data | 6.84 | 6.45 | 6.86 | 6.87 | 6.99 | 6.85 |
| GW-4 | 6.70 | 8.40 | no data | no data | no data | no data | 7.92 | 7.84 | 8.11 | 7.83 | 7.97 | 7.86 |
| GW-6 | 6.70 | 8.40 | no data | no data | no data | no data | 7.73 | 7.52 | 7.60 | 7.60 | no data | 7.71 |
| GW-7 | 7.70 | 8.50 | 8.89 | 8.82 | 8.79 | 8.67 | 8.3 | 7.76 | 8.91 | 8.25 | 8.26 | 8.45 |
| GW-8 | 6.70 | 8.40 | 7.11 | 7.03 | 6.95 | 6.49 | 7.0 | 6.62 | 5.28 | 7.14 | 7.19 | no data |
| GW-9 | 6.60 | 8.20 | 7.94 | 6.68 | 6.81 | 6.76 | 6.68 | 5.40 | 7.52 | 7.07 | 7.31 | 8.67 |
| GW971400 | 6.90 | 8.30 | no data | no data | no data | no data | 6.8 | 7.08* | 6.25 | no data | 6.71 | 7.10 |
| GW971614 | 6.90 | 8.30 | no data | no data | no data | no data | 6.65 | 7.08 | 7.42 | 6.99 | 6.87 | 7.04 |
| MD01 | 6.70 | 8.40 | 11.58 | 11.69 | 10.73 | 9.59 | 8.33 | 8.84 | 8.67 | 8.22 | 8.45 | 8.19 |
| MD02 | 6.70 | 8.40 | 6.84 | 6.78 | 6.59 | 6.57 | 6.72 | 6.81 | 6.80 | 6.71 | 6.84 | 6.76 |
| SB01 | 6.90 | 8.30 | 7.44 | 7.31 | 7.20 | 7.21 | 7.23 | 7.12 | 7.30 | 7.19 | 7.25 | 7.10 |
| SB02 | 6.90 | 8.30 | 7.28 | 7.28 | 7.14 | 7.2 | 7.23 | 7.22 | 7.48 | 7.08 | 7.29 | 7.09 |
| SB04 | 6.90 | 8.30 | 7.29 | 7.43 | 7.27 | 7.12 | 7.21 | 7.04 | 7.15 | 7.11 | 7.45 | 7.23 |
| SB05 | 6.90 | 8.30 | 2.09 | 7.73 | 7.63 | 7.58 | 7.71 | 7.52 | 7.70 | 7.64 | 7.80 | 8.05 |

| Bore | Trigger Level | | Oct/Nov-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
|---------|---------------|------|------------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| SB06 | 6.90 | 8.30 | 7.35 | 7.61 | 7.42 | 7.56 | 7.7 | 7.42 | 8.12 | 7.63 | 7.91 | 7.56 |
| SB07 | 6.90 | 8.30 | 7.35 | 7.47 | 7.28 | 7.22 | 7.58 | 7.29 | 7.32 | 7.18 | 7.45 | 7.31 |
| SB08 | 6.90 | 8.30 | 7.24 | 7.39 | 7.17 | 7.29 | 7.27 | 7.27 | 7.22 | 7.39 | 7.52 | 7.24 |
| SB09 | 6.90 | 8.30 | 3.32 | 7.56 | 7.27 | 7.52 | 7.44 | 7.40 | 7.55 | 7.47 | 7.62 | 7.37 |
| SB10 | 6.90 | 8.30 | 7.43 | 7.47 | 7.28 | 7.5 | 7.38 | 7.25 | 7.49 | 7.37 | 7.44 | 7.40 |
| SB11 | 6.90 | 8.30 | 7.26 | 7.70 | 7.45 | 7.77 | 7.51 | 7.39 | 7.61 | 7.46 | 7.73 | 7.42 |
| SB15 | 6.90 | 8.30 | 7.29 | 7.23 | 7.17 | 7.3 | 7.24 | 7.41 | 6.84 | 6.99 | 7.35 | 7.13 |
| TR18 | 6.70 | 8.40 | 6.58 | 6.85 | 6.69 | 6.64 | 6.79 | 6.68 | 6.93 | 6.74 | 6.83 | 6.68 |
| TR26 | 6.70 | 8.40 | 7.06 | 7.16 | 7.11 | 6.69 | 6.93 | 6.85 | 7.09 | 7.03 | 6.86 | 6.86 |
| TR35 | 6.70 | 8.40 | 6.66 | 6.75 | 6.72 | 6.75 | 6.73 | 6.54 | 6.96 | 6.72 | 6.93 | 6.64 |
| TR7 | 7.40 | 7.80 | 6.53 | 7.05 | 6.71 | 6.82 | 6.63 | 6.51 | 6.93 | 6.69 | 6.95 | 6.69 |
| VKY034C | 6.70 | 8.40 | 7.30 | 6.94 | 7.05 | 7.25 | 7.25 | 7.16 | 7.21 | 7.06 | 7.06 | 7.19 |
| VKY035C | 6.70 | 8.40 | 7.10 | 7.01 | 6.88 | 6.9 | 7.09 | 6.93 | 7.01 | 6.96 | 6.95 | 7.10 |
| VKY036C | 6.70 | 8.40 | 7.08 | 6.79 | 6.80 | 7.19 | 7.21 | 7.06 | 7.30 | 7.12 | 7.10 | 7.07 |
| VKY042C | 6.70 | 8.40 | 6.75 | 6.72 | 6.61 | 6.65 | 6.72 | 6.64 | 6.71 | 6.70 | 6.64 | 6.79 |
| VKY043C | 6.70 | 8.40 | 7.72 | 7.80 | 7.65 | 7.85 | 7.7 | 7.50 | 7.84 | 7.76 | 7.70 | 7.06 |
| VNW223 | 6.90 | 7.40 | 7.25 | no data | no data | no data | 7.17 | 7.07 | 7.14 | 7.00 | 7.34 | 7.47 |
| VNW390 | 6.70 | 8.40 | 6.92 | 7.13 | 6.59 | 6.84 | 6.81 | 6.96 | 6.84 | 6.84 | 6.91 | 6.87 |
| VNW391 | 6.70 | 8.40 | 7.04 | 7.31 | 7.06 | 6.81 | 7.1 | 7.02 | 7.03 | 6.96 | 7.33 | 7.12 |
| VNW392 | 6.70 | 8.40 | 6.74 | 6.74 | 6.66 | 6.51 | 6.74 | 6.47 | 6.67 | 6.71 | 6.77 | 6.66 |
| VNW393 | 6.70 | 8.40 | 7.36 | 7.56 | 7.20 | 7.13 | 7.16 | 6.94 | 7.11 | 7.17 | 7.17 | 7.19 |
| VNW394 | 6.90 | 8.30 | 7.13 | 6.92 | 6.94 | 6.62 | 7.07 | 6.87 | 6.84 | 6.76 | 6.62 | 7.04 |
| VNW395 | 6.90 | 8.30 | 7.47 | 7.77 | 7.77 | 7.61 | 7.56 | 7.58 | 7.31 | 7.30 | 7.49 | 7.42 |

| Bore | Trigger Level | | Oct/Nov-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
|------|---------------|------|------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| WR1 | 6.90 | 8.30 | no data | no data | 6.70 | 6.47 | 6.5 | 6.95 | 6.96 | 6.63 | 6.52 | 6.69 |
| WR2 | 6.90 | 8.30 | no data | no data | 6.57 | 6.52 | 6.36 | 6.41 | 6.99 | 6.39 | 6.54 | 6.86 |

Note: Reported as field pH value. Values marked with an asterisk (*) are reported as Laboratory pH value. Red text shows exceedance of trigger level. Highlighted cell shows trigger level 1 as defined by TARP in the GWMP (Appendix A).

Table D-2: EC Trigger Level Review

| Bore | Trigger Level | Oct/Nov-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
|----------|---------------|------------|---------|---------|---------|--------|--------|--------|---------|---------|------------------------|
| GW01 | 10,083 | 1,042 | 1,265 | 1,384 | 1,052 | 738 | 1,244 | 244 | 1,388 | 914 | 612 |
| GW02 | 969 | 731 | 971 | 926 | 1,065 | 1,016 | 992 | 872 | 936 | 981 | 718 |
| GW03 | 811 | 862 | 888 | 862 | 947 | 1,004 | 983 | 872 | 909 | 896 | Field: 635 Lab: 850 |
| GW-10 | 12,315 | no data | no data | no data | no data | 1,438 | 1,423 | 1,808 | 1,806 | 1,950 | 1,191 |
| GW-11 | 4,912 | 4,360 | 4,340 | 4,520 | 4,760 | 4,760 | 4,310 | 4,750 | 4,570 | 4,790 | 3,610 |
| GW-13 | 12,315 | no data | no data | no data | no data | 1,647 | 1,570 | 822 | 1,009 | 858 | 628 |
| GW-14 | 10,083 | no data | no data | no data | no data | 3,840 | 4,260 | 3,360 | 3,710 | 4,230 | 3,210 |
| GW-15 | 10,083 | no data | no data | no data | no data | 638 | 644 | 680 | 740 | 754 | 591 |
| GW-2 | 10,083 | no data | no data | 1,218 | no data | 1,226 | 1,339 | 1,191 | 1,254 | 1,386 | 939 |
| GW-4 | 12,315 | no data | no data | no data | no data | 2,980 | 2,970 | 2,990 | 2,920 | 2,960 | 2,050 |
| GW-6 | 12,315 | no data | no data | no data | no data | 1,459 | 1,256 | 1,388 | 1,453 | no data | 1,167 |
| GW-7 | 5,378 | 4,300 | 4,490 | 4,560 | 4,710 | 4,470 | 4,690 | 4,470 | 4,410 | 3,960 | 3,510 |
| GW-8 | 12,315 | 4,290 | 3,950 | 4,000 | 4,100 | 3,930 | 4,350 | 4,200 | 4,690 | 3,370 | no data |
| GW-9 | 12,740 | 6,110 | 3,320 | 5,630 | 1,591 | 1,099 | 1,544 | 487 | 714 | 403 | 1,246 |
| GW971400 | 10,083 | no data | no data | no data | no data | 2,458 | 2,810* | 2,159 | no data | 2420.00 | 2,100 |
| GW971614 | 10,083 | no data | no data | no data | no data | 651 | 608 | 681 | 769 | 562 | 2,080 |
| MD01 | 12,315 | 1,799 | 1,786 | 1,283 | 1,505 | 1,787 | 1,519 | 1,438 | 1,969 | 1,737 | 1,303 |
| MD02 | 12,315 | 1,195 | 1,306 | 1,210 | 1,224 | 1,279 | 1,381 | 1,232 | 1,250 | 1,347 | 952 |
| SB01 | 10,083 | 1,541 | 1,716 | 1,698 | 1,756 | 1,869 | 1,851 | 1,788 | 1,729 | 1,702 | 1,194 |
| SB02 | 10,083 | 7,330 | 7,330 | 7,210 | 6,860 | 7,250 | 6,990 | 6,870 | 7,120 | 7,020 | 4,590 |

| Bore | Trigger Level | Oct/Nov-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
|---------|---------------|------------|--------|--------|--------|---------|--------|--------|--------|--------|------------------------------------|
| SB04 | 10,083 | 2,680 | 3,360 | 1,868 | 2,390 | 2,289 | 3,420 | 2,184 | 2,790 | 2,067 | 1,613 |
| SB05 | 10,083 | 3,740 | 3,690 | 3,680 | 3,490 | 3,790 | 3,660 | 3,300 | 3,500 | 3,540 | 2,540 |
| SB06 | 10,083 | 3,280 | 3,460 | 3,410 | 3,440 | 2,790 | 3,160 | 2,930 | 3,240 | 2,550 | 2,120 |
| SB07 | 10,083 | 770 | 919 | 934 | 978 | 1,042 | 1,009 | 908 | 925 | 951 | 665 |
| SB08 | 10,083 | 983 | 1,115 | 1,039 | 1,088 | 388 | 1,154 | 1,035 | 1,153 | 1,041 | 747 |
| SB09 | 10,083 | 949 | 1,014 | 973 | 1,013 | 1,130 | 1,045 | 1,054 | 1,027 | 1,045 | 676 |
| SB10 | 10,083 | 1,880 | 1,972 | 1,859 | 1,928 | 2,200 | 2,086 | 1,839 | 2,066 | 1,681 | 1,319 |
| SB11 | 10,083 | 1,080 | 1,021 | 1,048 | 461 | 1,266 | 1,209 | 1,144 | 1,172 | 1,159 | 762 |
| SB15 | 10,083 | 1,019 | 1,070 | 972 | 1,049 | 1,143 | 1,163 | 1,052 | 962 | 1,087 | 741 |
| TR18 | 12,315 | 13,400 | 13,640 | 12,730 | 15,350 | 13,820 | 13,810 | 13,620 | 14,060 | 13,520 | Field: 9,310 Lab: 13,300 |
| TR26 | 12,315 | 6,290 | 8,380 | 5,180 | 7,330 | 6,090 | 6,170 | 7,290 | 7,010 | 7,040 | 4,440 |
| TR35 | 12,315 | 15,300 | 17,330 | 16,740 | 17,260 | 16,690 | 18,320 | 16,180 | 17,160 | 16,950 | Field: 12,090 Lab: 16,600 |
| TR7 | 12,970 | 14,800 | 15,390 | 14,410 | 15,380 | 14,840^ | 15,520 | 15,350 | 15,020 | 15,510 | Field: 11,860 Lab: 15,400 |
| VKY034C | 12,315 | 3,590 | 3,850 | 4,030 | 4,170 | 3,970 | 3,910 | 3,840 | 3,950 | 3,870 | 2,940 |
| VKY035C | 12,315 | 3,110 | 3,340 | 3,230 | 3,290 | 3,330 | 3,220 | 3,170 | 3,300 | 3,340 | 2,560 |
| VKY036C | 12,315 | 5,600 | 5,810 | 5,780 | 5,830 | 6,020 | 2,980 | 5,720 | 5,810 | 5,920 | 4,410 |

| Bore | Trigger Level | Oct/Nov-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
|---------|---------------|------------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| VKY042C | 12,315 | 5,420 | 5,430 | 5,480 | 5,990 | 5,850 | 5,590 | 5,510 | 5,550 | 5,780 | 4,340 |
| VKY043C | 12,315 | 2,990 | 3,410 | 3,410 | 3,290 | 3,050 | 3,240 | 3,510 | 3,050 | 3,060 | 626 |
| VNW223 | 10,120 | 5,940 | no data | no data | no data | 5,360 | 4,390 | 4,570 | 4,060 | 4,550 | 3,850 |
| VNW390 | 12,315 | 2,300 | 2,376 | 2,291 | 2,473 | 2,431 | 2,629 | 2,330 | 2,460 | 2,276 | 1,793 |
| VNW391 | 12,315 | 2,530 | 2,471 | 2,352 | 2,458 | 2,424 | 2,550 | 2,308 | 2,420 | 2,490 | 2,062 |
| VNW392 | 12,315 | 3,690 | 3,310 | 3,480 | 3,510 | 3,410 | 3,480 | 3,340 | 3,480 | 3,580 | 2,680 |
| VNW393 | 12,315 | 2,740 | 2,830 | 2,840 | 3,090 | 3,140 | 3,210 | 3,100 | 3,190 | 3,210 | 2,450 |
| VNW394 | 10,083 | 5,520 | 5,410 | 5,400 | 5,620 | 5,420 | 5,480 | 5,520 | 5,440 | 5,190 | 4,620 |
| VNW395 | 10,083 | 463 | 1,395 | 1,681 | 1,832 | 1,834 | 2,153 | 2,280 | 2,440 | 2,580 | 1,675 |
| WR1 | 10,083 | no data | no data | 26,500 | 26,800 | 26,800 | 25,400 | 27,300 | 25,580 | 23,500 | 20,500 |
| WR2 | 10,083 | no data | no data | 25,340 | 26,600 | 26,600 | 27,900 | 26,100 | 26,800 | 22,900 | 19,790 |

Note: Reported as field EC value in $\mu\text{S}/\text{cm}$. Values marked with an asterisk (*) are reported as Laboratory EC value. Red text shows exceedance of trigger level. Highlighted cell shows trigger level 1 as defined by TARP in the GWMP (Appendix A).

^Compared to the lab result, the field EC result at TR7 in the October 2024 monitoring round was updated from 1,484 $\mu\text{S}/\text{cm}$ to 14,840 $\mu\text{S}/\text{cm}$ due to a typo in the October 2024 field note. The EC values at TR7 have been a level 1 trigger since October 2024, as defined by the TARP.

Table D-3: Sulfate trigger level review

| Bore | Trigger Level | Oct/Nov-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
|----------|---------------|------------|---------|---------|---------|--------|--------|--------|---------|---------|---------|
| GW01 | 365 | 96 | 171 | 132 | 54 | 111 | 132 | 28 | 210 | 85 | 106 |
| GW02 | 365 | 77 | 74 | 81 | 102 | 79 | 91 | 89 | 80 | 78 | 68 |
| GW03 | 365 | 52 | 56 | 58 | 46 | 54 | 53 | 62 | 55 | 54 | 54 |
| GW-10 | 86 | no data | no data | no data | no data | 7 | 21 | <10 | 41 | <1 | <5 |
| GW-11 | 365 | <1 | 1 | <1 | 1 | <1 | 3 | <1 | <1 | <1 | 1 |
| GW-13 | 86 | no data | no data | no data | no data | 24 | 26 | <10 | 15 | 30 | 4 |
| GW-14 | 365 | no data | no data | no data | no data | 435 | 462 | 483 | 383 | 394 | 458 |
| GW-15 | 365 | no data | no data | no data | no data | 28 | 28 | 34 | 34 | 34 | 35 |
| GW-2 | 365 | no data | no data | 23 | no data | 26 | 23 | 22 | 22 | 24 | 90 |
| GW-4 | 86 | no data | no data | no data | no data | 15 | <1 | <1 | 1 | <1 | 3 |
| GW-6 | 86 | no data | no data | no data | no data | <1 | <1 | <1 | <1 | no data | <1 |
| GW-7 | 86 | 364 | 385 | 399 | 380 | 396 | 414 | 354 | 362 | 331 | 340 |
| GW-8 | 86 | no data | 100 | 109 | 72 | 82 | 109 | 77 | 112 | 53 | no data |
| GW-9 | 86 | 102 | 128 | 51 | 25 | 28 | <1 | 40 | 59 | 23 | 59 |
| GW971400 | 365 | no data | no data | no data | no data | 425 | 477 | 355 | no data | 437 | 464 |
| GW971614 | 365 | no data | no data | no data | no data | 32 | 30 | 31 | 31 | 34 | 472 |
| MD01 | 86 | 22 | 23 | 26 | 36 | 14 | 33 | 32 | 37 | 54 | 53 |
| MD02 | 86 | 28 | 29 | 28 | 29 | 29 | 28 | 33 | 27 | 28 | 35 |
| SB01 | 365 | 182 | 183 | 190 | 148 | 193 | 216 | 180 | 182 | 165 | 172 |
| SB02 | 365 | 1,120 | no data | 1,160 | 741 | 1,110 | 1,280 | 1,110 | 1,080 | 928 | 1,050 |
| SB04 | 365 | 284 | 394 | 220 | 195 | 208 | 413 | 269 | 263 | 226 | 230 |
| SB05 | 365 | 735 | 551 | 520 | 595 | 496 | 447 | 380 | 400 | 463 | 513 |

| Bore | Trigger Level | Oct/Nov-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
|---------|---------------|------------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| SB06 | 365 | 372 | 362 | 362 | 324 | 307 | 366 | 359 | 414 | 304 | 391 |
| SB07 | 365 | 74 | 74 | 78 | 66 | 71 | 89 | 85 | 72 | 71 | 69 |
| SB08 | 365 | 86 | 87 | 88 | 79 | 74 | 97 | 77 | 80 | 75 | 72 |
| SB09 | 365 | 71 | 63 | 70 | 62 | 67 | 78 | 59 | 74 | 66 | 67 |
| SB10 | 365 | 190 | 188 | 196 | 168 | 198 | 238 | 172 | 197 | 162 | 169 |
| SB11 | 365 | 85 | 72 | 93 | 80 | 85 | 106 | 76 | 89 | 84 | 84 |
| SB15 | 365 | 90 | 79 | 95 | 53 | 98 | 119 | 84 | 95 | 91 | 87 |
| TR18 | 86 | 702 | 620 | 592 | 622 | 626 | 630 | 552 | 644 | 602 | 678 |
| TR26 | 86 | 194 | 230 | 180 | 198 | 195 | 229 | 217 | 211 | 180 | 196 |
| TR35 | 86 | 660 | 651 | 622 | 624 | 624 | 526 | 562 | 631 | 611 | 650 |
| TR7 | 365 | 508 | 714 | 501 | 518 | 563 | 458 | 507 | 702 | 517 | 559 |
| VKY034C | 86 | 123 | 185 | 116 | 98 | 90 | 115 | 117 | 138 | 94 | 106 |
| VKY035C | 86 | 87 | 77 | 88 | 73 | 68 | 83 | 77 | 80 | 278 | 66 |
| VKY036C | 86 | 244 | 294 | 281 | 100 | 174 | 190 | 174 | 149 | 168 | 218 |
| VKY042C | 86 | 302 | 309 | 312 | 283 | 326 | 307 | 316 | 314 | 304 | 298 |
| VKY043C | 86 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 47 |
| VNW223 | 365 | 97 | no data | no data | no data | 164 | 91 | 266 | 308 | 322 | 180 |
| VNW390 | 86 | 95 | 95 | 106 | 55 | 104 | 107 | 106 | 102 | 87 | 91 |
| VNW391 | 86 | 88 | 88 | 96 | 52 | 86 | 101 | 97 | 101 | 97 | 126 |
| VNW392 | 86 | no data | 284 | 296 | 263 | 314 | 300 | 266 | 313 | 285 | 289 |
| VNW393 | 86 | 179 | 185 | 200 | 165 | 202 | 205 | 212 | 197 | 178 | 170 |
| VNW394 | 365 | no data | 551 | 560 | 574 | 591 | 498 | 535 | 573 | 582 | 591 |
| VNW395 | 365 | 14 | 61 | 143 | 91 | 131 | 147 | 151 | 128 | 18 | 167 |

| Bore | Trigger Level | Oct/Nov-23 | Jan-24 | Apr-24 | Jul-24 | Oct-24 | Jan-25 | Apr-25 | Jul-25 | Oct-25 | Jan-26 |
|------|---------------|------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| WR1 | 365 | no data | no data | 1,320 | 901 | 1,280 | 1,490 | 1120 | 1,250 | 1,100 | 1,050 |
| WR2 | 365 | no data | no data | 1,540 | 1,120 | 1,670 | 1,790 | 1250 | 1,480 | 1,340 | 1,240 |

Note: Sulfate as SO₄ in mg/L. Red text shows exceedance of trigger level. Highlight cell shows trigger level 1 as defined by TARP in the GWMP (Appendix A).

Table D-4: Metal trigger against ANZECC default guideline values

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|-------|---------|--------|--------|---------|--------|-------|---------|--------|--------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| GW01 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.14 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.967 | <0.0001 | <0.001 | 0.013 | <0.01 | <0.001* | <0.005 |
| GW01 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.063 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW01 | Jul-24 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.126 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW01 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.155 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW01 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.07 | No data | <0.001 | <0.001 | No data | <0.001 | 0.24 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW01 | Apr-25 | 0.01 | <0.001 | <0.001 | | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.206 | <0.0001 | <0.001 | 0.006 | <0.01 | <0.001* | <0.005 |
| GW01 | Jul-25 | <0.01 | <0.001 | 0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.282 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | <0.005 |
| GW01 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.153 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | <0.005 |
| GW01 | Jan-26 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.004 | <0.001 | 0.249 | <0.0001 | <0.001 | 0.001 | <0.010 | <0.001* | <0.005 |
| GW02 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.1 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.021 | <0.0001 | <0.001 | 0.375 | <0.01 | <0.001* | 0.013 |
| GW02 | Apr-24 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.007 | <0.001 | 0.026 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW02 | Jul-24 | <0.01 | 0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.003 | <0.001 | 0.018 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.006 |
| GW02 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.014 | <0.001 | 0.005 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW02 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.06 | No data | <0.001 | <0.001 | No data | <0.001 | 0.006 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.005 |
| GW02 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.005 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW02 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.009 | <0.001 | 0.008 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.009 |
| GW02 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | 0.02 | <0.001 | 0.002 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.013 |
| GW02 | Jan-26 | <0.01 | <0.001 | 0.001 | <0.05 | <0.0001 | <0.001 | 0.003 | <0.001 | <0.001 | 0.352 | <0.0001 | <0.001 | 0.004 | <0.010 | <0.001* | <0.005 |
| GW03 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.014 | <0.0001 | <0.001 | 0.971 | <0.01 | <0.001* | <0.005 |
| GW03 | Apr-24 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.01 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW03 | Jul-24 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.012 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | 0.006 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|-------|---------|--------|---------|---------|--------|-------|---------|---------|---------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| GW03 | Oct-24 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.043 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | <0.005 |
| GW03 | Jan-25 | <0.01 | <0.001 | <0.001 | <0.05 | No data | <0.001 | <0.001 | No data | <0.001 | 0.089 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW03 | Apr-25 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | No data | <0.001 | <0.001 | 0.119 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW03 | Jul-25 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.01 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW03 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.004 | <0.001 | 0.004 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW03 | Jan-26 | <0.01 | <0.001 | <0.001 | <0.05 | 0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.078 | <0.0001 | <0.001 | <0.001 | <0.010 | <0.001* | <0.005 |
| GW-10 | Oct-24 | 0.02 | 0.004 | 0.002 | 0.11 | <0.0001 | <0.001 | <0.001 | 0.114 | <0.001 | 0.033 | <0.0001 | 0.002 | 0.005 | <0.01 | <0.001* | 0.072 |
| GW-10 | Jan-25 | <0.01 | 0.004 | <0.001 | 0.14 | No data | <0.001 | <0.001 | No data | <0.001 | 0.023 | <0.0001 | 0.001 | 0.003 | <0.01 | <0.001* | 0.116 |
| GW-10 | Apr-25 | <0.01 | 0.011 | 0.006 | 0.17 | <0.0001 | <0.001 | <0.001 | 0.141 | <0.001 | 0.057 | <0.0001 | 0.004 | 0.006 | <0.01 | <0.001* | 0.13 |
| GW-10 | Jul-25 | <0.01 | 0.007 | 0.004 | 0.16 | <0.0001 | <0.001 | <0.001 | 0.106 | <0.001 | 0.036 | <0.0001 | 0.004 | 0.006 | <0.01 | <0.001* | 0.115 |
| GW-10 | Oct-25 | <0.01 | 0.005 | 0.003 | 0.12 | <0.0001 | <0.001 | <0.001 | 0.118 | <0.001 | 0.066 | <0.0001 | 0.002 | 0.004 | <0.01 | <0.001* | 0.07 |
| GW-10 | Jan-26 | <0.01 | 0.004 | 0.002 | 0.14 | <0.0001 | <0.001 | <0.001 | 0.094 | <0.001 | 0.052 | <0.0001 | 0.002 | 0.004 | <0.010 | <0.001* | 0.102 |
| GW-11 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.13 | <0.0001 | <0.001 | <0.001 | <0.001 | 0.001 | 2.2 | <0.0001 | no data | 0.00075 | <0.01 | <0.001* | 0.0075 |
| GW-11 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.224 | <0.0001 | no data | 0.004 | <0.01 | <0.001* | 0.012 |
| GW-11 | Jul-24 | <0.01 | <0.001 | <0.001 | 0.13 | 0.0003 | <0.001 | <0.001 | 0.002 | <0.001 | 1.06 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | 0.043 |
| GW-11 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.14 | <0.0001 | <0.001 | <0.001 | 0.019 | <0.001 | 0.98 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.043 |
| GW-11 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.13 | No data | <0.001 | <0.001 | No data | <0.001 | 1.04 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.034 |
| GW-11 | Apr-25 | 0.01 | <0.001 | <0.001 | 0.14 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 1.06 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.059 |
| GW-11 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.12 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.807 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.041 |
| GW-11 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.13 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.713 | <0.0001 | 0.001 | <0.001 | <0.01 | <0.001* | 0.024 |
| GW-11 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.11 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.769 | <0.0001 | 0.001 | <0.001 | <0.010 | <0.001* | 0.037 |
| GW-13 | Oct-24 | <0.01 | 0.001 | 0.001 | 0.08 | <0.0001 | <0.001 | 0.001 | 0.006 | <0.001 | 0.161 | <0.0001 | <0.001 | 0.006 | <0.01 | <0.001* | 0.019 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|-------|---------|--------|--------|---------|--------|-------|---------|--------|--------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| GW-13 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.08 | No data | <0.001 | <0.001 | No data | <0.001 | 0.136 | <0.0001 | <0.001 | 0.005 | <0.01 | <0.001* | 0.02 |
| GW-13 | Apr-25 | 0.02 | 0.005 | <0.001 | 0.09 | <0.0001 | <0.001 | 0.002 | 0.035 | <0.001 | 0.224 | <0.0001 | 0.001 | 0.009 | <0.01 | <0.001* | 0.144 |
| GW-13 | Jul-25 | 0.05 | <0.001 | 0.001 | 0.08 | <0.0001 | <0.001 | 0.002 | 0.005 | <0.001 | 0.266 | <0.0001 | <0.001 | 0.006 | <0.01 | <0.001* | 0.049 |
| GW-13 | Oct-25 | <0.01 | <0.001 | 0.001 | 0.08 | <0.0001 | <0.001 | 0.001 | <0.001 | <0.001 | 0.264 | <0.0001 | <0.001 | 0.003 | <0.01 | <0.001* | 0.019 |
| GW-13 | Jan-26 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | 0.002 | 0.004 | <0.001 | 0.381 | <0.0001 | <0.001 | 0.005 | <0.010 | <0.001* | 0.031 |
| GW-14 | Oct-24 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.026 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | 0.095 |
| GW-14 | Jan-25 | <0.01 | <0.001 | <0.001 | <0.05 | No data | <0.001 | <0.001 | No data | <0.001 | 0.008 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | 0.031 |
| GW-14 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.004 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.077 |
| GW-14 | Jul-25 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.006 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.087 |
| GW-14 | Oct-25 | <0.01 | <0.001 | 0.002 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.005 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.035 |
| GW-14 | Jan-26 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.018 | <0.0001 | <0.001 | <0.001 | <0.010 | <0.001* | 0.073 |
| GW-15 | Oct-24 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.011 | <0.0001 | 0.004 | <0.001 | <0.01 | <0.001* | 0.011 |
| GW-15 | Jan-25 | <0.01 | <0.001 | 0.002 | <0.05 | No data | <0.001 | <0.001 | No data | <0.001 | 0.01 | <0.0001 | 0.003 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW-15 | Apr-25 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.012 | <0.0001 | 0.002 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW-15 | Jul-25 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.008 | <0.0001 | 0.002 | <0.001 | <0.01 | <0.001* | 0.006 |
| GW-15 | Oct-25 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.007 | <0.0001 | 0.003 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW-15 | Jan-26 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.008 | <0.0001 | 0.003 | <0.001 | <0.010 | <0.001* | <0.005 |
| GW-2 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.224 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | 0.012 |
| GW-2 | Oct-24 | <0.01 | <0.001 | 0.002 | <0.05 | <0.0001 | 0.003 | <0.001 | 0.003 | <0.001 | 0.005 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.006 |
| GW-2 | Jan-25 | <0.01 | <0.001 | 0.001 | <0.05 | No data | 0.002 | <0.001 | No data | <0.001 | 0.009 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.016 |
| GW-2 | Apr-25 | <0.01 | <0.001 | 0.002 | 0.05 | <0.0001 | 0.004 | <0.001 | <0.001 | <0.001 | 0.006 | <0.0001 | 0.001 | <0.001 | <0.01 | <0.001* | 0.008 |
| GW-2 | Jul-25 | <0.01 | <0.001 | 0.002 | <0.05 | <0.0001 | 0.003 | <0.001 | 0.002 | <0.001 | 0.002 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.018 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|-------|---------|--------|--------|---------|--------|-------|---------|--------|--------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| GW-2 | Oct-25 | <0.01 | <0.001 | 0.002 | <0.05 | <0.0001 | 0.003 | <0.001 | <0.001 | <0.001 | 0.001 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.009 |
| GW-2 | Jan-26 | <0.01 | <0.001 | 0.002 | <0.05 | <0.0001 | 0.004 | <0.001 | <0.001 | <0.001 | 0.004 | <0.0001 | <0.001 | <0.001 | <0.010 | <0.001* | 0.009 |
| GW-4 | Oct-24 | <0.01 | <0.001 | 0.002 | 0.12 | | <0.001 | <0.001 | | <0.001 | 0.009 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.052 |
| GW-4 | Jan-25 | <0.01 | <0.001 | 0.002 | 0.14 | No data | <0.001 | <0.001 | No data | <0.001 | 0.008 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.029 |
| GW-4 | Apr-25 | <0.01 | <0.001 | 0.004 | 0.14 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.007 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.012 |
| GW-4 | Jul-25 | <0.01 | <0.001 | 0.002 | 0.12 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.011 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.011 |
| GW-4 | Oct-25 | <0.01 | <0.001 | 0.002 | 0.14 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.008 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW-4 | Jan-26 | <0.01 | <0.001 | 0.002 | 0.14 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.011 | <0.0001 | <0.001 | 0.001 | <0.010 | <0.001* | 0.006 |
| GW-6 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.07 | | <0.001 | <0.001 | | <0.001 | 0.017 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.01 |
| GW-6 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.08 | No data | <0.001 | <0.001 | No data | <0.001 | 0.029 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW-6 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.034 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.018 |
| GW-6 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.019 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.006 |
| GW-6 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.017 | <0.0001 | <0.001 | <0.001 | <0.010 | <0.001* | <0.005 |
| GW-7 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.18 | <0.0001 | <0.001 | <0.001 | 0.003 | <0.001 | 0.011 | <0.0001 | 0.002 | 0.002 | <0.01 | <0.001* | <0.005 |
| GW-7 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.224 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | 0.012 |
| GW-7 | Jul-24 | <0.01 | <0.001 | <0.001 | 0.17 | 0.0002 | <0.001 | <0.001 | 0.016 | 0.002 | 0.024 | <0.0001 | 0.001 | 0.005 | <0.01 | <0.001* | 0.018 |
| GW-7 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.18 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.03 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | <0.005 |
| GW-7 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.17 | No data | <0.001 | <0.001 | No data | <0.001 | 0.04 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | <0.005 |
| GW-7 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.2 | <0.0001 | <0.001 | <0.001 | 0.029 | <0.001 | 0.021 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | <0.005 |
| GW-7 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.19 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.031 | <0.0001 | 0.001 | 0.002 | <0.01 | <0.001* | <0.005 |
| GW-7 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.19 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.038 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.008 |
| GW-7 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.15 | <0.0001 | <0.001 | <0.001 | 0.003 | <0.001 | 0.044 | <0.0001 | <0.001 | 0.001 | <0.010 | <0.001* | 0.021 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|----------|--------|-------|--------|--------|-------|---------|--------|---------|---------|--------|-------|---------|--------|--------|--------|---------|---------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| GW-8 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.092 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | 0.012 |
| GW-8 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.224 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | 0.012 |
| GW-8 | Jul-24 | <0.01 | <0.001 | 0.002 | 0.07 | 0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.089 | <0.0001 | <0.001 | 0.003 | <0.01 | <0.001* | 0.01 |
| GW-8 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.176 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | <0.005 |
| GW-8 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.07 | No data | <0.001 | <0.001 | No data | <0.001 | 0.132 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | <0.005 |
| GW-8 | Apr-25 | <0.01 | <0.001 | 0.002 | 0.08 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.104 | <0.0001 | <0.001 | 0.003 | <0.01 | <0.001* | <0.005 |
| GW-8 | Jul-25 | <0.01 | <0.001 | 0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.113 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW-8 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.107 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW-9 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.05 | 0.0001 | <0.001 | 0.00075 | <0.001 | <0.001 | 3.8 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.00825 |
| GW-9 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.224 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | 0.012 |
| GW-9 | Jul-24 | <0.01 | <0.001 | <0.001 | 0.07 | 0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 1.71 | <0.0001 | <0.001 | 0.003 | <0.01 | <0.001* | 0.008 |
| GW-9 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 2.12 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | <0.005 |
| GW-9 | Jan-25 | <0.01 | <0.001 | <0.001 | <0.05 | No data | <0.001 | <0.001 | No data | <0.001 | 2.6 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.008 |
| GW-9 | Apr-25 | 0.01 | <0.001 | <0.001 | 0.11 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.866 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | <0.005 |
| GW-9 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 1.53 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.007 |
| GW-9 | Oct-25 | 0.16 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.559 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | 0.016 |
| GW-9 | Jan-26 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.183 | <0.0001 | 0.001 | <0.001 | <0.010 | <0.001* | <0.005 |
| GW971400 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | 0.001 | 0.006 | <0.001 | 0.024 | <0.0001 | <0.001 | 0.039 | <0.01 | <0.001* | <0.005 |
| GW971400 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.05 | No data | <0.001 | <0.001 | No data | <0.001 | 0.024 | <0.0001 | <0.001 | 0.018 | <0.01 | <0.001* | <0.005 |
| GW971400 | Oct-25 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | 0.001 | <0.001 | 0.002 | <0.001 | 0.009 | <0.0001 | 0.001 | 0.019 | <0.01 | <0.001* | <0.005 |
| GW971400 | Jan-26 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.003 | <0.0001 | <0.001 | <0.001 | <0.010 | <0.001* | <0.005 |
| GW971614 | Oct-24 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.002 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|--------------|--------|--------------|--------------|--------------|-------------|---------------|--------------|---------------|---------------|---------------|------------|---------------|--------------|--------------|--------------|----------------|--------------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| GW971614 | Jan-25 | <0.01 | <0.001 | <0.001 | <0.05 | No data | <0.001 | <0.001 | No data | <0.001 | <0.001 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW971614 | Apr-25 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.013 | <0.001 | 0.002 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW971614 | Jul-25 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.009 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.008 |
| GW971614 | Oct-25 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| GW971614 | Jan-26 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.005 | <0.0001 | <0.001 | <0.001 | <0.010 | <0.001* | <0.005 |
| Landreef Tap | Jan-25 | <0.01 | <0.001 | <0.001 | <0.05 | No data | <0.001 | <0.001 | No data | <0.001 | <0.001 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| MD01 | Jan-24 | 0.58 | 0.001 | <0.001 | 0.04 | <0.0001 | <0.001 | <0.001 | 0.02 | 0.001 | 0.004 | <0.0001 | 0.018 | 0.005 | <0.01 | <0.001* | 0.31 |
| MD01 | Apr-24 | 0.28 | <0.001 | 0.002 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.006 | 0.001 | <0.001 | <0.0001 | 0.019 | 0.006 | <0.01 | <0.001* | 0.213 |
| MD01 | Jul-24 | 0.04 | 0.002 | 0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.002 | 0.003 | 0.013 | <0.0001 | 0.007 | 0.006 | <0.01 | <0.001* | 0.106 |
| MD01 | Oct-24 | 0.02 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.022 | <0.0001 | 0.008 | 0.004 | 0.01 | <0.001* | 0.049 |
| MD01 | Jan-25 | 0.04 | <0.001 | <0.001 | <0.05 | No data | <0.001 | <0.001 | No data | <0.001 | 0.017 | <0.0001 | 0.002 | 0.002 | <0.01 | <0.001* | 0.014 |
| MD01 | Apr-25 | 0.02 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.007 | <0.0001 | 0.011 | 0.004 | <0.01 | <0.001* | 0.034 |
| MD01 | Jul-25 | 0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.009 | <0.0001 | 0.005 | 0.003 | <0.01 | <0.001* | 0.012 |
| MD01 | Oct-25 | 0.02 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.009 | <0.0001 | 0.007 | 0.003 | <0.01 | <0.001* | 0.01 |
| MD01 | Jan-26 | 0.02 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.02 | <0.0001 | 0.007 | 0.003 | <0.010 | <0.001* | 0.007 |
| MD02 | Jan-24 | <0.01 | <0.001 | 0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.039 | <0.0001 | 0.001 | 0.036 | <0.01 | <0.001* | <0.005 |
| MD02 | Apr-24 | <0.01 | <0.001 | 0.003 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.051 | <0.0001 | 0.003 | 0.019 | <0.01 | <0.001* | <0.005 |
| MD02 | Jul-24 | <0.01 | <0.001 | 0.002 | 0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | 0.002 | 0.044 | <0.0001 | 0.002 | 0.012 | <0.01 | <0.001* | 0.009 |
| MD02 | Oct-24 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.044 | <0.0001 | 0.001 | 0.011 | <0.01 | <0.001* | <0.005 |
| MD02 | Jan-25 | <0.01 | <0.001 | <0.001 | <0.05 | No data | <0.001 | <0.001 | No data | <0.001 | 0.05 | <0.0001 | 0.001 | 0.01 | <0.01 | <0.001* | 0.006 |
| MD02 | Apr-25 | <0.01 | <0.001 | 0.001 | <0.5 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.074 | <0.0001 | 0.002 | 0.012 | <0.01 | <0.001* | <0.005 |
| MD02 | Jul-25 | <0.01 | <0.001 | 0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.052 | <0.0001 | 0.001 | 0.012 | <0.01 | <0.001* | <0.005 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|-------|---------|--------|--------|---------|--------|-------|---------|--------|--------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| MD02 | Oct-25 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.052 | <0.0001 | 0.002 | 0.013 | <0.01 | <0.001* | <0.005 |
| MD02 | Jan-26 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.045 | <0.0001 | 0.004 | 0.016 | <0.010 | <0.001* | <0.005 |
| MD03 | Jul-25 | <0.01 | <0.001 | 0.002 | 0.1 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.079 | <0.0001 | 0.002 | 0.004 | <0.01 | <0.001* | 0.009 |
| MD03 | Oct-25 | <0.01 | <0.001 | 0.002 | 0.13 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.441 | <0.0001 | 0.004 | 0.004 | <0.01 | <0.001* | <0.005 |
| MD03 | Jan-26 | <0.01 | <0.001 | 0.003 | 0.1 | <0.0001 | <0.001 | 0.004 | <0.001 | <0.001 | 1.1 | <0.0001 | 0.006 | 0.004 | <0.010 | <0.001* | <0.005 |
| SB01 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.11 | <0.0001 | <0.001 | 0.003 | <0.001 | <0.001 | 0.39 | <0.0001 | <0.001 | 0.032 | <0.01 | <0.001* | <0.005 |
| SB01 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | 0.005 | <0.001 | <0.001 | 0.73 | <0.0001 | 0.005 | 0.027 | <0.01 | <0.001* | <0.005 |
| SB01 | Jul-24 | 0.11 | <0.001 | 0.004 | 0.08 | <0.0001 | 0.004 | 0.024 | <0.001 | <0.001 | 1.65 | <0.0001 | <0.001 | 0.011 | <0.01 | <0.001* | 0.01 |
| SB01 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.211 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | 0.011 |
| SB01 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.08 | No data | <0.001 | <0.001 | No data | <0.001 | 0.153 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB01 | Apr-25 | <0.01 | <0.001 | 0.002 | 0.08 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.519 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | <0.005 |
| SB01 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | 0.003 | <0.001 | <0.001 | 0.483 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB01 | Oct-25 | <0.01 | <0.001 | 0.001 | 0.09 | <0.0001 | <0.001 | 0.004 | <0.001 | <0.001 | 0.449 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB01 | Jan-26 | <0.01 | <0.001 | 0.001 | 0.07 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.253 | <0.0001 | <0.001 | <0.001 | <0.010 | <0.001* | <0.005 |
| SB02 | Jan-24 | <0.01 | <0.001 | 0.003 | 0.21 | <0.0001 | 0.003 | 0.002 | <0.001 | <0.001 | 0.735 | <0.0001 | 0.003 | 0.012 | <0.01 | <0.001* | 0.007 |
| SB02 | Apr-24 | <0.01 | <0.001 | 0.001 | 0.07 | <0.0001 | <0.001 | 0.003 | <0.001 | <0.001 | 0.315 | <0.0001 | 0.002 | 0.014 | <0.01 | <0.001* | <0.005 |
| SB02 | Jul-24 | <0.01 | <0.001 | 0.004 | 0.14 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.68 | <0.0001 | 0.003 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB02 | Oct-24 | <0.01 | <0.001 | 0.004 | 0.14 | <0.0001 | <0.001 | 0.001 | <0.001 | <0.001 | 0.696 | <0.0001 | 0.002 | 0.001 | <0.01 | <0.001* | <0.005 |
| SB02 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.14 | No data | <0.001 | 0.002 | No data | <0.001 | 0.692 | <0.0001 | 0.002 | 0.001 | <0.01 | <0.001* | <0.005 |
| SB02 | Apr-25 | 0.01 | <0.001 | 0.01 | 0.15 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.489 | <0.0001 | 0.003 | 0.002 | <0.01 | <0.001* | <0.005 |
| SB02 | Jul-25 | <0.01 | <0.001 | 0.004 | 0.14 | <0.0001 | <0.001 | 0.002 | 0.002 | <0.001 | 0.698 | <0.0001 | 0.004 | 0.002 | <0.01 | <0.001* | 0.009 |
| SB02 | Oct-25 | <0.01 | <0.001 | 0.005 | 0.16 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.788 | <0.0001 | 0.004 | 0.002 | <0.01 | <0.001* | <0.005 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|-------|---------|--------|--------|---------|--------|-------|---------|--------|--------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| SB02 | Jan-26 | <0.01 | <0.001 | 0.007 | 0.12 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.702 | <0.0001 | 0.005 | 0.003 | <0.010 | <0.001* | <0.005 |
| SB04 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.16 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.38 | <0.0001 | 0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB04 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.094 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB04 | Jul-24 | <0.01 | <0.001 | <0.001 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.076 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB04 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.061 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB04 | Jan-25 | 0.56 | <0.001 | <0.001 | 0.11 | No data | 0.001 | <0.001 | No data | 0.001 | 0.307 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | 0.056 |
| SB04 | Apr-25 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.136 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB04 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.139 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB04 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.106 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.017 |
| SB04 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.102 | <0.0001 | <0.001 | <0.001 | <0.010 | <0.001* | <0.005 |
| SB05 | Jan-24 | <0.01 | <0.001 | 0.004 | 0.21 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.233 | <0.0001 | 0.004 | 0.002 | <0.01 | <0.001* | <0.005 |
| SB05 | Apr-24 | <0.01 | <0.001 | 0.004 | 0.13 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.405 | <0.0001 | 0.005 | 0.002 | <0.01 | <0.001* | <0.005 |
| SB05 | Jul-24 | <0.01 | <0.001 | 0.008 | 0.15 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.516 | <0.0001 | 0.003 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB05 | Oct-24 | <0.01 | <0.001 | 0.004 | 0.16 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.273 | <0.0001 | 0.003 | 0.001 | <0.01 | <0.001* | <0.005 |
| SB05 | Jan-25 | <0.01 | <0.001 | 0.004 | 0.15 | No data | <0.001 | <0.001 | No data | <0.001 | 0.703 | <0.0001 | 0.002 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB05 | Apr-25 | <0.01 | <0.001 | 0.003 | 0.17 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.224 | <0.0001 | 0.003 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB05 | Jul-25 | <0.01 | <0.001 | 0.004 | 0.14 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.228 | <0.0001 | 0.003 | <0.001 | <0.01 | <0.001* | 0.007 |
| SB05 | Oct-25 | <0.01 | <0.001 | 0.004 | 0.16 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.441 | <0.0001 | 0.003 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB05 | Jan-26 | <0.01 | <0.001 | 0.006 | 0.14 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.105 | <0.0001 | 0.004 | <0.001 | <0.010 | <0.001* | <0.005 |
| SB06 | Jan-24 | 0.02 | <0.001 | 0.003 | 0.19 | <0.0001 | <0.001 | 0.002 | 0.003 | <0.001 | 1.18 | <0.0001 | 0.002 | 0.002 | <0.01 | <0.001* | <0.005 |
| SB06 | Apr-24 | <0.01 | <0.001 | 0.003 | 0.12 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 1.19 | <0.0001 | 0.003 | 0.002 | <0.01 | <0.001* | <0.005 |
| SB06 | Jul-24 | <0.01 | <0.001 | 0.003 | 0.13 | <0.0001 | <0.001 | 0.001 | <0.001 | <0.001 | 0.771 | <0.0001 | 0.002 | <0.001 | <0.01 | <0.001* | 0.006 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|-------|---------|--------|--------|---------|--------|--------|---------|--------|--------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| SB06 | Oct-24 | 0.01 | <0.001 | 0.003 | 0.12 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.493 | <0.0001 | 0.003 | 0.003 | <0.01 | <0.001* | <0.005 |
| SB06 | Jan-25 | <0.01 | <0.001 | 0.002 | 0.13 | No data | <0.001 | <0.001 | No data | <0.001 | 0.285 | <0.0001 | 0.002 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB06 | Apr-25 | <0.01 | <0.001 | 0.004 | 0.14 | <0.0001 | <0.001 | <0.001 | 0.006 | <0.001 | 0.302 | <0.0001 | 0.005 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB06 | Jul-25 | <0.01 | <0.001 | 0.004 | 0.12 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.886 | <0.0001 | 0.002 | 0.002 | <0.01 | <0.001* | 0.006 |
| SB06 | Oct-25 | <0.01 | <0.001 | 0.003 | 0.1 | <0.0001 | <0.001 | 0.001 | 0.024 | <0.001 | 0.51 | <0.0001 | 0.006 | 0.003 | <0.01 | <0.001* | <0.005 |
| SB06 | Jan-26 | <0.01 | <0.001 | 0.002 | 0.1 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.452 | <0.0001 | 0.003 | 0.002 | <0.010 | <0.001* | 0.006 |
| SB07 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.0001 | <0.001 | 0.07 | <0.01 | <0.001* | <0.005 |
| SB07 | Apr-24 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | <0.001 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB07 | Jul-24 | <0.01 | <0.001 | 0.001 | 0.08 | 0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | 0.009 |
| SB07 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.004 | <0.001 | <0.001 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB07 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.06 | No data | 0.001 | <0.001 | No data | <0.001 | 0.002 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB07 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.001 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB07 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.013 | <0.001 | 0.001 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB07 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | 0.004 | <0.001 | 0.006 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.014 |
| SB07 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.006 | <0.0001 | <0.001 | <0.001 | <0.010 | <0.001* | <0.005 |
| SB08 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.1 | <0.0001 | <0.001 | <0.001 | 0.004 | <0.001 | 0.002 | <0.0001 | <0.001 | 0.063 | <0.01 | <0.001* | <0.005 |
| SB08 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | 0.011 | <0.001 | 0.001 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB08 | Jul-24 | <0.01 | <0.001 | 0.001 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB08 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB08 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.06 | No data | <0.001 | <0.001 | No data | <0.001 | 0.007 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB08 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.046 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB08 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|-------|---------|--------|--------|---------|--------|-------|---------|--------|--------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| SB08 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.001 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB08 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.005 | <0.0001 | <0.001 | <0.001 | <0.010 | <0.001* | <0.005 |
| SB09 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.11 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.335 | <0.0001 | 0.001 | 0.015 | <0.01 | <0.001* | <0.005 |
| SB09 | Apr-24 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.306 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.013 |
| SB09 | Jul-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.466 | <0.0001 | 0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB09 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.443 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | <0.005 |
| SB09 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.07 | No data | <0.001 | <0.001 | No data | <0.001 | 0.615 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.013 |
| SB09 | Apr-25 | <0.1 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.394 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | <0.005 |
| SB09 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.672 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB09 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.722 | <0.0001 | 0.001 | <0.001 | <0.01 | <0.001* | 0.005 |
| SB09 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.286 | <0.0001 | 0.001 | <0.001 | <0.010 | <0.001* | <0.005 |
| SB10 | Jan-24 | <0.01 | <0.001 | 0.001 | 0.16 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.074 | <0.0001 | 0.002 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB10 | Apr-24 | <0.01 | <0.001 | 0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.146 | <0.0001 | 0.002 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB10 | Jul-24 | <0.01 | <0.001 | 0.001 | 0.1 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.024 | <0.0001 | 0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB10 | Oct-24 | <0.01 | <0.001 | 0.001 | 0.11 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.104 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB10 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.1 | No data | <0.001 | <0.001 | No data | <0.001 | 0.011 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB10 | Apr-25 | <0.01 | <0.001 | 0.001 | 0.11 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.136 | <0.0001 | 0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB10 | Jul-25 | <0.01 | <0.001 | 0.001 | 0.1 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.096 | <0.0001 | 0.002 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB10 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.446 | <0.0001 | 0.001 | <0.001 | <0.01 | <0.001* | 0.006 |
| SB10 | Jan-26 | <0.01 | <0.001 | 0.001 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.016 | <0.0001 | 0.002 | <0.001 | <0.010 | <0.001* | <0.005 |
| SB11 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.13 | <0.0001 | <0.001 | <0.001 | 0.01 | <0.001 | 0.023 | <0.0001 | <0.001 | 0.057 | <0.01 | <0.001* | <0.005 |
| SB11 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | 0.021 | <0.001 | 0.006 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | <0.005 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|------|---------|--------|--------|---------|--------|-------|---------|--------|--------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| SB11 | Jul-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.003 | <0.001 | 0.01 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB11 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.004 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB11 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.08 | No data | <0.001 | <0.001 | No data | <0.001 | 0.142 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB11 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.005 | <0.001 | 0.047 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | 0.005 |
| SB11 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | 0.003 | <0.001 | 0.002 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.005 |
| SB11 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.014 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB11 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.006 | <0.0001 | <0.001 | <0.001 | <0.010 | <0.001* | <0.005 |
| SB15 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.12 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.008 | <0.0001 | <0.001 | 0.032 | <0.01 | <0.001* | <0.005 |
| SB15 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.004 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.018 |
| SB15 | Jul-24 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.02 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB15 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.008 | <0.001 | 0.001 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB15 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.06 | No data | <0.001 | <0.001 | No data | <0.001 | 0.002 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB15 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.006 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.011 |
| SB15 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.006 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB15 | Oct-25 | <0.01 | <0.001 | 0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.008 | <0.001 | 0.02 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| SB15 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.003 | <0.001 | 0.002 | <0.0001 | <0.001 | <0.001 | <0.010 | <0.001* | <0.005 |
| TR18 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.11 | <0.0001 | <0.001 | <0.001 | 0.07 | <0.001 | 0.042 | <0.0001 | 0.001 | 0.021 | <0.01 | <0.001* | <0.005 |
| TR18 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | 0.032 | <0.001 | 0.023 | <0.0001 | 0.002 | 0.02 | <0.01 | <0.001* | 0.009 |
| TR18 | Jul-24 | <0.01 | <0.001 | <0.001 | 0.08 | 0.0001 | <0.001 | <0.001 | 0.033 | <0.001 | 0.094 | <0.0001 | 0.002 | 0.019 | <0.01 | <0.001* | 0.008 |
| TR18 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | 0.101 | <0.001 | 0.043 | <0.0001 | 0.001 | 0.013 | <0.01 | <0.001* | <0.005 |
| TR18 | Jan-25 | 0.03 | <0.001 | <0.001 | 0.07 | No data | <0.001 | <0.001 | No data | <0.001 | 0.032 | <0.0001 | <0.001 | 0.011 | <0.01 | <0.001* | <0.005 |
| TR18 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.873 | <0.001 | 0.021 | <0.0001 | <0.001 | 0.013 | <0.01 | <0.001* | 0.01 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|------|---------|--------|--------|---------|--------|--------|---------|--------|--------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| TR18 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.069 | <0.001 | 0.017 | <0.0001 | <0.001 | 0.009 | <0.01 | <0.001* | 0.011 |
| TR18 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.098 | <0.0001 | <0.001 | 0.01 | <0.01 | <0.001* | 0.008 |
| TR18 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | 0.003 | 0.01 | <0.001 | 0.458 | <0.0001 | 0.001 | 0.015 | <0.010 | <0.001* | 0.017 |
| TR26 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.14 | <0.0001 | <0.001 | <0.001 | 0.01 | <0.001 | 0.07 | <0.0001 | 0.002 | 0.014 | <0.01 | <0.001* | <0.005 |
| TR26 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | 0.002 | <0.001 | <0.001 | <0.001 | 0.033 | <0.0001 | 0.005 | 0.017 | <0.01 | <0.001* | 0.012 |
| TR26 | Jul-24 | <0.01 | <0.001 | <0.001 | 0.11 | 0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.053 | <0.0001 | 0.002 | 0.004 | <0.01 | <0.001* | 0.007 |
| TR26 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.1 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.106 | <0.0001 | 0.001 | 0.004 | <0.01 | <0.001* | <0.005 |
| TR26 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.09 | No data | <0.001 | <0.001 | No data | <0.001 | 0.105 | <0.0001 | <0.001 | 0.006 | <0.01 | <0.001* | <0.005 |
| TR26 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.1 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.042 | <0.0001 | 0.002 | 0.004 | <0.01 | <0.001* | 0.013 |
| TR26 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.1 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | <0.0001 | 0.004 | <0.001 | <0.01 | <0.001* | <0.005 |
| TR26 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.1 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.073 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | 0.009 |
| TR26 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.09 | <0.0001 | <0.001 | 0.001 | <0.001 | <0.001 | 0.146 | <0.0001 | 0.002 | 0.003 | <0.010 | <0.001* | 0.006 |
| TR35 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.12 | 0.0002 | 0.002 | 0.007 | 1.24 | <0.001 | 1.72 | <0.0001 | 0.011 | 0.713 | <0.01 | <0.001* | 0.015 |
| TR35 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.06 | 0.0004 | 0.002 | 0.01 | 1.73 | <0.001 | 1.76 | <0.0001 | 0.017 | 0.558 | <0.01 | <0.001* | 0.03 |
| TR35 | Jul-24 | <0.01 | <0.001 | 0.001 | 0.08 | 0.0003 | <0.001 | 0.011 | 7.09 | <0.001 | 1.51 | <0.0001 | 0.009 | 0.435 | <0.01 | <0.001* | 0.02 |
| TR35 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.09 | 0.0004 | <0.001 | 0.01 | 8.23 | <0.001 | 1.44 | <0.0001 | 0.01 | 0.308 | <0.01 | <0.001* | 0.017 |
| TR35 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.07 | No data | <0.001 | 0.008 | No data | <0.001 | 0.907 | <0.0001 | 0.002 | 0.111 | <0.01 | <0.001* | 0.009 |
| TR35 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.08 | 0.0002 | <0.001 | 0.006 | 0.844 | <0.001 | 0.789 | <0.0001 | 0.004 | 0.067 | <0.01 | <0.001* | 0.011 |
| TR35 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.07 | 0.0001 | <0.001 | 0.002 | 1.17 | <0.001 | 0.568 | <0.0001 | <0.001 | 0.011 | <0.01 | <0.001* | 0.01 |
| TR35 | Oct-25 | <0.01 | 0.003 | <0.001 | 0.09 | 0.0006 | <0.001 | 0.007 | 4.67 | <0.001 | 0.769 | <0.0001 | 0.006 | 0.075 | <0.01 | <0.001* | 0.033 |
| TR35 | Jan-26 | <0.01 | 0.001 | <0.001 | 0.06 | 0.0003 | <0.001 | 0.005 | 0.546 | <0.001 | 0.489 | <0.0001 | 0.005 | 0.032 | <0.010 | <0.001* | 0.015 |
| TR7 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.1 | <0.0001 | <0.001 | 0.008 | 0.863 | <0.001 | 0.637 | <0.0001 | 0.002 | 0.39 | <0.01 | <0.001* | 0.006 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|-------|---------|--------|--------|---------|--------|--------|---------|--------|--------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| TR7 | Apr-24 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | 0.004 | 0.346 | <0.001 | 0.262 | <0.0001 | 0.002 | 0.118 | <0.01 | <0.001* | 0.006 |
| TR7 | Jul-24 | <0.01 | <0.001 | <0.001 | 0.07 | 0.0001 | <0.001 | 0.008 | 0.471 | <0.001 | 0.526 | <0.0001 | 0.003 | 0.272 | <0.01 | <0.001* | 0.01 |
| TR7 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.07 | 0.0001 | <0.001 | 0.004 | 1.59 | <0.001 | 0.278 | <0.0001 | 0.002 | 0.045 | <0.01 | <0.001* | <0.005 |
| TR7 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.07 | No data | <0.001 | 0.005 | No data | <0.001 | 0.381 | <0.0001 | <0.001 | 0.024 | <0.01 | <0.001* | 0.006 |
| TR7 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.06 | 0.0002 | <0.001 | 0.003 | 0.387 | <0.001 | 0.193 | <0.0001 | 0.001 | 0.053 | <0.01 | <0.001* | 0.013 |
| TR7 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.06 | 0.0003 | <0.001 | 0.003 | 1.44 | <0.001 | 0.146 | <0.0001 | <0.001 | 0.025 | <0.01 | <0.001* | 0.014 |
| TR7 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.07 | 0.0002 | <0.001 | 0.004 | 1.25 | <0.001 | 0.228 | <0.0001 | 0.001 | 0.02 | <0.01 | <0.001* | 0.018 |
| TR7 | Jan-26 | <0.01 | <0.001 | <0.001 | <0.05 | 0.0001 | <0.001 | 0.006 | 0.194 | <0.001 | 0.304 | <0.0001 | 0.002 | 0.011 | <0.010 | <0.001* | 0.025 |
| VKY034C | Jan-24 | <0.01 | <0.001 | 0.002 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.102 | <0.0001 | 0.007 | 0.008 | <0.01 | <0.001* | <0.005 |
| VKY034C | Apr-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.224 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | 0.012 |
| VKY034C | Jul-24 | <0.01 | <0.001 | 0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.003 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | 0.005 |
| VKY034C | Oct-24 | <0.01 | 0.002 | 0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.0001 | 0.005 | 0.006 | <0.01 | <0.001* | 0.023 |
| VKY034C | Jan-25 | <0.01 | <0.001 | 0.001 | 0.19 | No data | <0.001 | <0.001 | No data | <0.001 | 0.008 | <0.0001 | 0.003 | 0.003 | <0.01 | <0.001* | 0.014 |
| VKY034C | Apr-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 | <0.0001 | 0.003 | 0.004 | <0.01 | <0.001* | 0.013 |
| VKY034C | Jul-25 | <0.01 | <0.001 | 0.001 | 0.23 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.005 | <0.0001 | 0.002 | 0.002 | <0.01 | <0.001* | 0.092 |
| VKY034C | Oct-25 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.004 | <0.0001 | 0.001 | 0.002 | <0.01 | <0.001* | 0.02 |
| VKY034C | Jan-26 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.029 | <0.0001 | <0.001 | <0.001 | <0.010 | <0.001* | <0.005 |
| VKY035C | Jan-24 | <0.01 | <0.001 | 0.001 | 0.07 | <0.0001 | 0.002 | <0.001 | <0.001 | <0.001 | 0.329 | <0.0001 | 0.007 | 0.006 | <0.01 | <0.001* | 0.006 |
| VKY035C | Apr-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.224 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | 0.012 |
| VKY035C | Jul-24 | <0.01 | <0.001 | 0.002 | <0.05 | <0.0001 | 0.002 | <0.001 | <0.001 | 0.001 | 0.32 | <0.0001 | 0.008 | 0.005 | <0.01 | <0.001* | 0.008 |
| VKY035C | Oct-24 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | 0.002 | <0.001 | <0.001 | <0.001 | 0.32 | <0.0001 | 0.007 | 0.003 | <0.01 | <0.001* | <0.005 |
| VKY035C | Jan-25 | <0.01 | <0.001 | 0.001 | <0.05 | No data | 0.001 | <0.001 | No data | <0.001 | 0.308 | <0.0001 | 0.006 | 0.006 | <0.01 | <0.001* | <0.005 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|-------|---------|--------|--------|---------|--------|-------|---------|--------|-------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| VKY035C | Apr-25 | <0.01 | <0.001 | 0.003 | <0.05 | <0.0001 | 0.002 | <0.001 | 0.001 | <0.001 | 0.321 | <0.0001 | 0.007 | 0.012 | <0.01 | <0.001* | 0.023 |
| VKY035C | Jul-25 | <0.01 | <0.001 | 0.002 | <0.05 | <0.0001 | 0.002 | <0.001 | <0.001 | <0.001 | 0.299 | <0.0001 | 0.004 | 0.008 | <0.01 | <0.001* | 0.005 |
| VKY035C | Oct-25 | <0.01 | <0.001 | 0.003 | <0.05 | <0.0001 | 0.001 | <0.001 | <0.001 | <0.001 | 0.315 | <0.0001 | 0.008 | 0.008 | <0.01 | <0.001* | 0.006 |
| VKY035C | Jan-26 | <0.01 | <0.001 | 0.003 | <0.05 | <0.0001 | 0.001 | <0.001 | 0.001 | <0.001 | 0.295 | <0.0001 | 0.008 | 0.004 | <0.010 | <0.001* | <0.005 |
| VKY036C | Jan-24 | <0.01 | <0.001 | <0.001 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.013 | <0.0001 | 0.001 | 0.013 | <0.01 | <0.001* | <0.005 |
| VKY036C | Apr-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.224 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | 0.012 |
| VKY036C | Jul-24 | <0.01 | <0.001 | 0.008 | 0.1 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.153 | <0.0001 | 0.004 | 0.005 | <0.01 | <0.001* | <0.005 |
| VKY036C | Oct-24 | <0.01 | <0.001 | 0.007 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.157 | <0.0001 | 0.003 | 0.004 | <0.01 | <0.001* | <0.005 |
| VKY036C | Jan-25 | <0.01 | <0.001 | 0.006 | 0.09 | No data | <0.001 | <0.001 | No data | <0.001 | 0.151 | <0.0001 | 0.002 | 0.004 | <0.01 | <0.001* | <0.005 |
| VKY036C | Apr-25 | <0.01 | <0.001 | 0.01 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.185 | <0.0001 | 0.004 | 0.002 | <0.01 | <0.001* | <0.005 |
| VKY036C | Jul-25 | <0.01 | <0.001 | 0.008 | 0.09 | <0.0001 | 0.005 | <0.001 | 0.002 | <0.001 | 0.042 | <0.0001 | 0.006 | 0.001 | <0.01 | <0.001* | <0.005 |
| VKY036C | Oct-25 | <0.01 | <0.001 | 0.008 | 0.1 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.154 | <0.0001 | 0.003 | 0.005 | <0.01 | <0.001* | <0.005 |
| VKY036C | Jan-26 | <0.01 | <0.001 | 0.003 | 0.06 | <0.0001 | 0.001 | <0.001 | <0.001 | <0.001 | 0.068 | <0.0001 | 0.003 | 0.004 | <0.010 | <0.001* | <0.005 |
| VKY042C | Jan-24 | <0.01 | <0.001 | <0.001 | 0.1 | 0.0001 | <0.001 | <0.001 | 0.006 | <0.001 | 0.223 | <0.0001 | 0.002 | 0.015 | <0.01 | <0.001* | 0.014 |
| VKY042C | Apr-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.224 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | 0.012 |
| VKY042C | Jul-24 | <0.01 | 0.002 | <0.001 | 0.07 | 0.001 | <0.001 | 0.004 | 0.008 | <0.001 | 0.217 | <0.0001 | 0.001 | 0.038 | <0.01 | <0.001* | 0.033 |
| VKY042C | Oct-24 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.213 | <0.0001 | <0.001 | 0.003 | <0.01 | <0.001* | <0.005 |
| VKY042C | Jan-25 | <0.01 | <0.001 | <0.001 | 0.06 | No data | <0.001 | <0.001 | No data | <0.001 | 0.22 | <0.0001 | <0.001 | 0.003 | <0.01 | <0.001* | 0.015 |
| VKY042C | Apr-25 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | 0.003 | <0.001 | 0.216 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | 0.013 |
| VKY042C | Jul-25 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.202 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | 0.006 |
| VKY042C | Oct-25 | <0.01 | <0.001 | <0.001 | 0.06 | 0.0001 | <0.001 | <0.001 | 0.01 | <0.001 | 0.212 | <0.0001 | <0.001 | 0.003 | <0.01 | <0.001* | 0.037 |
| VKY042C | Jan-26 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.005 | <0.001 | 0.197 | <0.0001 | <0.001 | 0.001 | <0.010 | <0.001* | <0.005 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|-------|---------|--------|--------|---------|--------|--------|---------|--------|--------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| VKY043C | Jan-24 | <0.01 | <0.001 | <0.001 | 0.11 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.005 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| VKY043C | Apr-24 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.004 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | 0.006 |
| VKY043C | Jul-24 | <0.01 | <0.001 | <0.001 | 0.1 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| VKY043C | Oct-24 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.004 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.006 |
| VKY043C | Jan-25 | <0.01 | <0.001 | <0.001 | 0.06 | No data | <0.001 | <0.001 | No data | <0.001 | 0.005 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | <0.005 |
| VKY043C | Apr-25 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.004 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.005 |
| VKY043C | Jul-25 | <0.01 | 0.002 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.007 |
| VKY043C | Oct-25 | <0.01 | <0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.016 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | <0.005 |
| VKY043C | Jan-26 | <0.01 | 0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.005 | <0.001 | 0.147 | <0.0001 | 0.002 | <0.001 | <0.010 | <0.001* | 0.015 |
| VNW223 | Oct-24 | <0.01 | 0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | 0.011 | <0.001 | 0.013 | <0.0001 | <0.001 | 0.003 | <0.01 | <0.001* | 0.023 |
| VNW223 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.08 | No data | <0.001 | <0.001 | No data | <0.001 | 0.007 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | 0.027 |
| VNW223 | Jul-25 | <0.01 | 0.003 | <0.001 | 0.06 | <0.0001 | <0.001 | 0.001 | 0.013 | <0.001 | 0.126 | <0.0001 | <0.001 | 0.008 | <0.01 | <0.001* | 0.062 |
| VNW223 | Oct-25 | <0.01 | 0.001 | <0.001 | 0.07 | <0.0001 | <0.001 | <0.001 | 0.01 | <0.001 | 0.032 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | 0.034 |
| VNW223 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.005 | <0.001 | 0.012 | <0.0001 | 0.002 | 0.002 | <0.010 | <0.001* | 0.006 |
| VNW390 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.14 | <0.0001 | <0.001 | <0.001 | 0.005 | <0.001 | 0.003 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | 0.026 |
| VNW390 | Apr-24 | <0.01 | <0.001 | 0.002 | 0.09 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.239 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | 0.007 |
| VNW390 | Jul-24 | <0.01 | <0.001 | 0.002 | 0.12 | 0.0001 | <0.001 | 0.003 | <0.001 | <0.001 | 0.298 | <0.0001 | 0.005 | 0.036 | <0.01 | <0.001* | <0.005 |
| VNW390 | Oct-24 | <0.01 | <0.001 | 0.003 | 0.12 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.321 | <0.0001 | 0.002 | 0.016 | <0.01 | <0.001* | 0.008 |
| VNW390 | Jan-25 | <0.01 | <0.001 | 0.001 | 0.11 | No data | <0.001 | 0.002 | No data | <0.001 | 0.227 | <0.0001 | 0.003 | 0.024 | <0.01 | <0.001* | 0.005 |
| VNW390 | Apr-25 | <0.01 | <0.001 | 0.002 | 0.11 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.362 | <0.0001 | 0.004 | 0.026 | <0.01 | <0.001* | <0.005 |
| VNW390 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.1 | <0.0001 | 0.001 | 0.001 | <0.001 | <0.001 | 0.23 | <0.0001 | 0.003 | 0.017 | <0.01 | <0.001* | <0.005 |
| VNW390 | Oct-25 | <0.01 | <0.001 | 0.001 | 0.12 | <0.0001 | 0.002 | <0.001 | <0.001 | <0.001 | 0.224 | <0.0001 | 0.006 | 0.011 | <0.01 | <0.001* | <0.005 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|------|---------|--------|--------|---------|--------|-------|---------|--------|--------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| VNW390 | Jan-26 | <0.01 | <0.001 | 0.001 | 0.09 | <0.0001 | 0.001 | <0.001 | <0.001 | <0.001 | 0.205 | <0.0001 | 0.006 | 0.012 | <0.010 | <0.001* | <0.005 |
| VNW391 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.13 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.006 | <0.0001 | <0.001 | <0.001 | <0.01 | <0.001* | 0.006 |
| VNW391 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.225 | <0.0001 | 0.001 | 0.007 | <0.01 | <0.001* | 0.013 |
| VNW391 | Jul-24 | <0.01 | 0.002 | <0.001 | 0.11 | 0.0003 | <0.001 | <0.001 | <0.001 | 0.002 | 0.246 | <0.0001 | <0.001 | 0.006 | <0.01 | <0.001* | 0.018 |
| VNW391 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.1 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.266 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | <0.005 |
| VNW391 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.1 | No data | <0.001 | <0.001 | No data | <0.001 | 0.233 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | 0.019 |
| VNW391 | Apr-25 | <0.01 | <0.001 | 0.001 | 0.1 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.264 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | 0.005 |
| VNW391 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.25 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | <0.005 |
| VNW391 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.11 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.275 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | <0.005 |
| VNW391 | Jan-26 | <0.01 | <0.001 | 0.002 | 0.09 | 0.0001 | <0.001 | <0.001 | 0.013 | <0.001 | 0.072 | <0.0001 | <0.001 | 0.001 | <0.010 | <0.001* | 0.042 |
| VNW392 | Jan-24 | <0.01 | <0.001 | 0.001 | 0.12 | <0.0001 | <0.001 | 0.003 | <0.001 | <0.001 | 0.333 | <0.0001 | 0.002 | 0.02 | <0.01 | <0.001* | 0.008 |
| VNW392 | Apr-24 | <0.01 | <0.001 | 0.001 | 0.07 | <0.0001 | <0.001 | 0.003 | <0.001 | <0.001 | 0.315 | <0.0001 | 0.002 | 0.014 | <0.01 | <0.001* | <0.005 |
| VNW392 | Jul-24 | <0.01 | <0.001 | 0.002 | 0.1 | <0.0001 | <0.001 | 0.003 | <0.001 | <0.001 | 0.286 | <0.0001 | 0.002 | 0.01 | <0.01 | <0.001* | 0.007 |
| VNW392 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.09 | <0.0001 | <0.001 | 0.003 | <0.001 | <0.001 | 0.275 | <0.0001 | 0.002 | 0.008 | <0.01 | <0.001* | <0.005 |
| VNW392 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.09 | No data | <0.001 | 0.002 | No data | <0.001 | 0.22 | <0.0001 | 0.004 | 0.026 | <0.01 | <0.001* | 0.009 |
| VNW392 | Apr-25 | <0.01 | <0.001 | 0.003 | 0.08 | <0.0001 | <0.001 | 0.003 | <0.001 | <0.001 | 0.51 | <0.0001 | 0.001 | 0.005 | <0.01 | <0.001* | <0.005 |
| VNW392 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | 0.003 | <0.001 | <0.001 | 0.269 | <0.0001 | 0.001 | 0.008 | <0.01 | <0.001* | <0.005 |
| VNW392 | Oct-25 | <0.01 | <0.001 | 0.001 | 0.09 | <0.0001 | <0.001 | 0.003 | <0.001 | <0.001 | 0.27 | <0.0001 | 0.001 | 0.004 | <0.01 | <0.001* | <0.005 |
| VNW392 | Jan-26 | <0.01 | <0.001 | 0.001 | 0.08 | <0.0001 | <0.001 | 0.003 | <0.001 | <0.001 | 0.24 | <0.0001 | 0.002 | 0.008 | <0.010 | <0.001* | <0.005 |
| VNW393 | Jan-24 | <0.01 | <0.001 | <0.001 | 0.1 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.092 | <0.0001 | 0.003 | <0.001 | <0.01 | <0.001* | <0.005 |
| VNW393 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.15 | <0.0001 | 0.005 | 0.005 | <0.01 | <0.001* | <0.005 |
| VNW393 | Jul-24 | <0.01 | <0.001 | 0.001 | 0.09 | 0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.181 | <0.0001 | 0.004 | 0.006 | <0.01 | <0.001* | 0.005 |

| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|---------|--------|-------|--------|--------|--------|---------|--------|---------|---------|--------|-------|---------|---------|--------|--------|---------|--------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| VNW393 | Oct-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.193 | <0.0001 | 0.005 | 0.01 | <0.01 | <0.001* | <0.005 |
| VNW393 | Jan-25 | 0.01 | <0.001 | <0.001 | 0.08 | No data | <0.001 | <0.001 | No data | <0.001 | 0.176 | <0.0001 | 0.005 | 0.013 | <0.01 | <0.001* | <0.005 |
| VNW393 | Apr-25 | 0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.195 | <0.0001 | 0.004 | 0.006 | <0.01 | <0.001* | <0.005 |
| VNW393 | Jul-25 | <0.01 | <0.001 | 0.001 | 0.08 | <0.0001 | 0.002 | <0.001 | <0.001 | <0.001 | 0.179 | <0.0001 | 0.003 | 0.003 | <0.01 | <0.001* | <0.005 |
| VNW393 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.09 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.192 | <0.0001 | 0.002 | 0.003 | <0.01 | <0.001* | <0.005 |
| VNW393 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.168 | <0.0001 | 0.004 | 0.004 | <0.010 | <0.001* | <0.005 |
| VNW394 | Jan-24 | <0.01 | <0.001 | 0.007 | 0.1 | <0.0001 | <0.001 | 0.011 | <0.001 | <0.001 | 2.12 | <0.0001 | 0.003 | 0.035 | <0.01 | <0.001* | 0.007 |
| VNW394 | Apr-24 | <0.01 | <0.001 | 0.006 | <0.05 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 1.27 | <0.0001 | 0.003 | 0.006 | <0.01 | <0.001* | <0.005 |
| VNW394 | Jul-24 | <0.01 | <0.001 | 0.005 | 0.07 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.982 | <0.0001 | 0.002 | 0.007 | <0.01 | <0.001* | 0.013 |
| VNW394 | Oct-24 | 0.02 | <0.001 | 0.005 | 0.07 | <0.0001 | <0.001 | 0.002 | 0.001 | <0.001 | 0.332 | <0.0001 | 0.002 | 0.014 | <0.01 | <0.001* | 0.007 |
| VNW394 | Jan-25 | <0.01 | <0.001 | 0.004 | 0.06 | No data | <0.001 | 0.002 | No data | <0.001 | 0.283 | <0.0001 | 0.001 | 0.006 | <0.01 | <0.001* | 0.005 |
| VNW394 | Apr-25 | <0.01 | <0.001 | 0.004 | 0.06 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.353 | <0.0001 | 0.002 | 0.008 | 0.01 | <0.001* | <0.005 |
| VNW394 | Jul-25 | <0.01 | <0.001 | 0.004 | 0.07 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.337 | <0.0001 | 0.004 | 0.005 | <0.01 | <0.001* | <0.005 |
| VNW394 | Oct-25 | <0.01 | <0.001 | 0.004 | 0.08 | <0.0001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.287 | <0.0001 | 0.002 | 0.004 | <0.01 | <0.001* | <0.005 |
| VNW394 | Jan-26 | <0.01 | <0.001 | 0.004 | <0.05 | <0.0001 | <0.001 | 0.007 | <0.001 | <0.001 | 0.294 | <0.0001 | 0.001 | 0.01 | <0.010 | <0.001* | 0.012 |
| VNW395 | Jan-24 | <0.01 | <0.001 | 0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.032 | <0.0001 | <0.001 | 0.001 | <0.01 | <0.001* | <0.005 |
| VNW395 | Apr-24 | <0.01 | <0.001 | 0.001 | 0.0575 | <0.0001 | <0.001 | 0.00125 | 0.00625 | <0.001 | 0.125 | <0.0001 | 0.00575 | 0.2285 | <0.01 | <0.001* | 0.007 |
| VNW395 | Jul-24 | <0.01 | <0.001 | 0.001 | 0.06 | <0.0001 | <0.001 | 0.001 | 0.007 | 0.002 | 0.071 | <0.0001 | 0.008 | 0.371 | <0.01 | <0.001* | 0.016 |
| VNW395 | Oct-24 | <0.01 | 0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | 0.009 | <0.001 | 0.006 | <0.0001 | 0.004 | 0.347 | <0.01 | <0.001* | 0.012 |
| VNW395 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.05 | No data | <0.001 | <0.001 | No data | <0.001 | 0.056 | <0.0001 | 0.001 | 0.14 | <0.01 | <0.001* | <0.005 |
| VNW395 | Apr-25 | 0.1 | <0.001 | <0.001 | 0.05 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.122 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | <0.005 |
| VNW395 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.082 | <0.0001 | 0.003 | 0.002 | <0.01 | <0.001* | <0.005 |

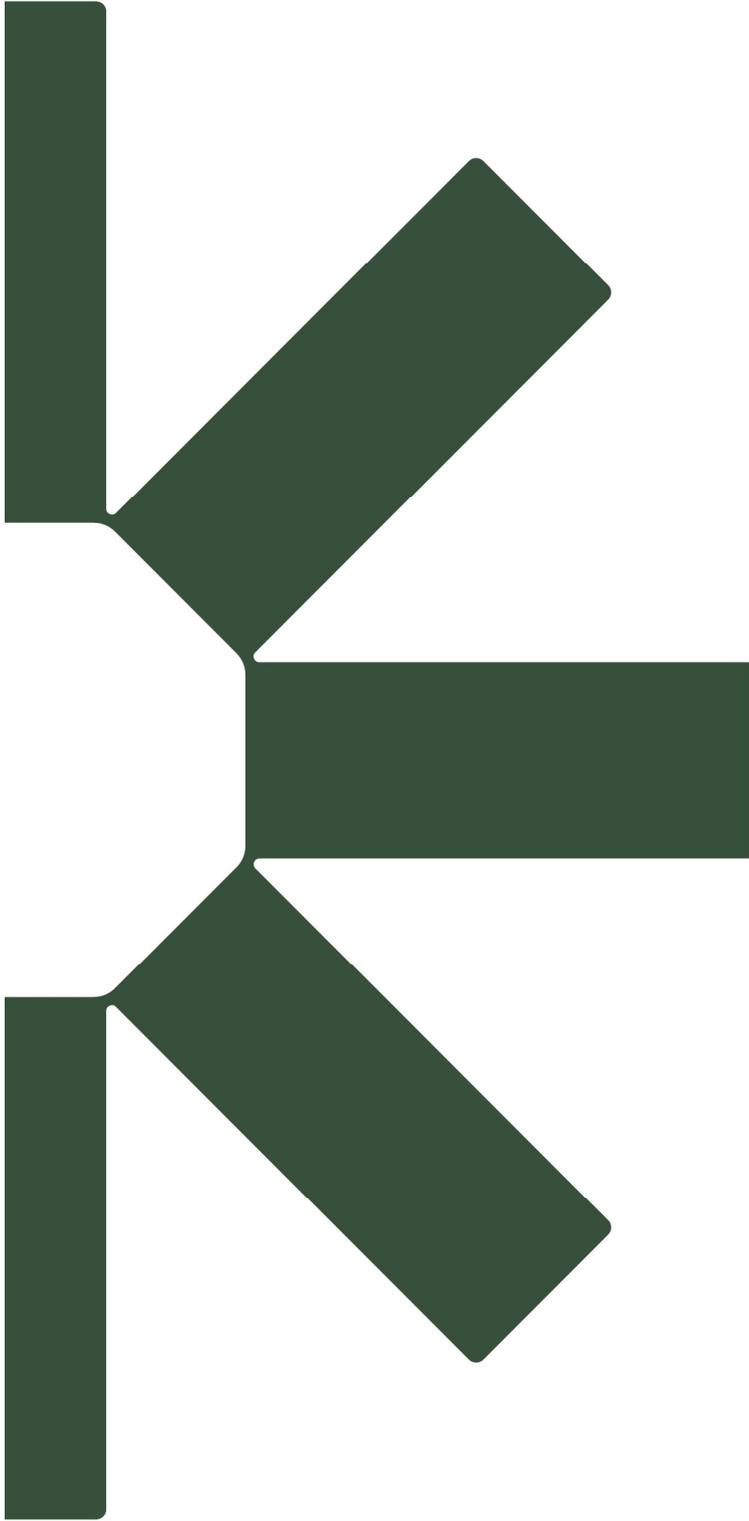
| Bore ID | Date | Al | Sb | As | Bo | Cd | Cr | Co | Cu | Pb | Mn | Hg | Mo | Ni | Se | Ag | Zn |
|------------|--------|--------------|--------------|--------------|-------------|---------------|--------------|---------------|---------------|---------------|------------|---------------|--------------|--------------|--------------|----------------|--------------|
| Unit | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| DGV | | 0.055 | 0.009 | 0.013 | 0.94 | 0.0002 | 0.001 | 0.0014 | 0.0014 | 0.0034 | 1.9 | 0.0006 | 0.034 | 0.011 | 0.011 | 0.00005 | 0.008 |
| VNW395 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.06 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.086 | <0.0001 | <0.001 | 0.002 | <0.01 | <0.001* | <0.005 |
| VNW395 | Jan-26 | <0.01 | <0.001 | <0.001 | <0.05 | <0.0001 | <0.001 | <0.001 | 0.002 | <0.001 | 0.036 | <0.0001 | 0.002 | 0.007 | <0.010 | <0.001* | <0.005 |
| WR1 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.224 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | 0.012 |
| WR1 | Jul-24 | <0.01 | <0.001 | 0.001 | 0.15 | 0.0003 | <0.001 | <0.001 | 0.001 | 0.002 | 0.122 | 0.0017 | 0.002 | 0.037 | <0.01 | <0.001* | 0.014 |
| WR1 | Oct-24 | <0.01 | <0.001 | 0.002 | 0.16 | 0.0002 | <0.001 | <0.001 | 0.005 | <0.001 | 0.065 | 0.0046 | 0.002 | 0.024 | <0.01 | 0.001 | 0.007 |
| WR1 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.17 | No data | <0.001 | <0.001 | No data | <0.001 | 0.08 | 0.0003 | <0.001 | 0.024 | <0.01 | <0.001* | 0.007 |
| WR1 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.18 | 0.0002 | <0.001 | 0.004 | 2.35 | <0.001 | 0.248 | 0.0037 | 0.002 | 0.094 | <0.01 | 0.002 | 0.018 |
| WR1 | Jul-25 | <0.01 | <0.001 | 0.001 | 0.16 | 0.0003 | <0.001 | 0.005 | 0.619 | 0.001 | 0.285 | 0.0057 | 0.002 | 0.03 | <0.01 | 0.001 | 0.013 |
| WR1 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.16 | 0.0003 | <0.001 | 0.002 | 0.564 | <0.001 | 0.176 | 0.0051 | 0.001 | 0.026 | <0.01 | <0.001* | 0.01 |
| WR1 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.19 | 0.0002 | <0.001 | 0.002 | 0.208 | <0.001 | 0.104 | 0.0087 | 0.001 | 0.021 | <0.010 | <0.001* | 0.015 |
| WR2 | Apr-24 | <0.01 | <0.001 | <0.001 | 0.08 | <0.0001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.224 | <0.0001 | <0.001 | 0.004 | <0.01 | <0.001* | 0.012 |
| WR2 | Jul-24 | <0.01 | <0.001 | <0.001 | 0.09 | 0.0001 | <0.001 | 0.008 | <0.001 | <0.001 | 0.724 | <0.0001 | 0.022 | 0.118 | <0.01 | <0.001* | <0.005 |
| WR2 | Oct-24 | <0.01 | <0.001 | 0.001 | 0.11 | <0.0001 | 0.001 | 0.018 | <0.001 | <0.001 | 1.73 | <0.0001 | 0.008 | 0.087 | <0.01 | <0.001* | 0.009 |
| WR2 | Jan-25 | <0.01 | <0.001 | <0.001 | 0.12 | No data | 0.001 | 0.014 | No data | <0.001 | 1.12 | <0.0001 | 0.02 | 0.158 | <0.01 | <0.001* | 0.011 |
| WR2 | Apr-25 | <0.01 | <0.001 | <0.001 | 0.13 | <0.0001 | 0.001 | 0.01 | 0.002 | <0.001 | 0.478 | <0.0001 | 0.045 | 0.22 | <0.01 | <0.001* | 0.015 |
| WR2 | Jul-25 | <0.01 | <0.001 | <0.001 | 0.12 | <0.0001 | <0.001 | 0.015 | 0.002 | <0.001 | 1.65 | <0.0001 | 0.001 | 0.025 | <0.01 | <0.001* | 0.014 |
| WR2 | Oct-25 | <0.01 | <0.001 | <0.001 | 0.12 | <0.0001 | 0.001 | 0.01 | 0.002 | <0.001 | 1.06 | <0.0001 | 0.004 | 0.039 | <0.01 | <0.001* | <0.005 |
| WR2 | Jan-26 | <0.01 | <0.001 | <0.001 | 0.14 | <0.0001 | 0.002 | 0.005 | 0.003 | <0.001 | 0.696 | <0.0001 | 0.009 | 0.076 | <0.010 | <0.001* | 0.022 |

Al = Aluminium, Sb = Antimony, As = Arsenic, B = Boron, Cd = Cadmium, Cr = Chromium, Co = Cobalt, Cu = Copper, Pb = Lead, Mn = Manganese, Hg = Mercury, Mo = Molybdenum, Ni = Nickel, Se = Selenium, Ag = Silver, Zn = Zinc.

*Limit of reporting value is higher than DGV value. Red text shows exceedance of ANZECC Default Guideline Values. Highlighted cell shows trigger level 1 as defined by TARP in the GWMP (Appendix A).

In the January 2025 monitoring round, the bore (or location) Landreef Tap was reported and included in this table. However, this bore is not listed in Table 4-1 and Table 4-2 of the management plan (Whitehaven, 2023).

In the January 2025 monitoring round, bore GW97164 was reported but is considered to be a typo in the Chain of Custody (Appendix C). Therefore, it has been reported as GW971614.



Making Sustainability Happen