Vickery Extension Project Groundwater Monitoring Report

Quarterly Review February 2026 – April 2026

Whitehaven Coal Ltd

Blue Vale Rd, Boggabri NSW 2382 Australia

Prepared by:

SLR Consulting Australia

SLR Project No.: 640.031099.00001

23 June 2026

Revision: 1.0

Revision Record

Revision	Date	Prepared By	Checked By	Authorised By
1.0	23 June 2026	Keith Lewis	Brian Rask	DRAFT

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.

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Acronyms and Abbreviations

CMAs	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 February 2026 through 30th April 2026 (reporting period).

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 Nineth Quarterly Report (August 2025 through October 2025), published December 2025

11 Tenth Quarterly Report (November 2025 through January 2026), published March 2026

Mining operations continue on site, with coal extraction occurring. Within the reporting period, Whitehaven Coal continues 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 2025). 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 February 2026 through 30th April 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 April 2025, with moderate exceedances in May and August 2025. Rainfall was then significantly below average from November 2025 through to April 2026. March and April 2026 were particularly dry months with just 5.0 mm and 0.2 mm of rainfall recorded on Site respectively.

Table 1: Monthly rainfall vs long-term average rainfall

Year	2025									2026			
Month	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**
SILO Long-term average rainfall (mm)	33.2	39.3	40.4	38.7	35.4	37.2	48.9	57.8	60.7	69.0	57.3	46.8	33.2
SILO monthly rainfall (mm)	62.8	49.5	22.7	55.3	67.8	28.0	40.0	35.2	31.9	26.7	15.2	17.6	0
On-site Rainfall (mm)	44.6	60.2	15.4	43.8	82.4	25.6	42.2	57.8	31.0	27.8	18.0	5.0	0.2

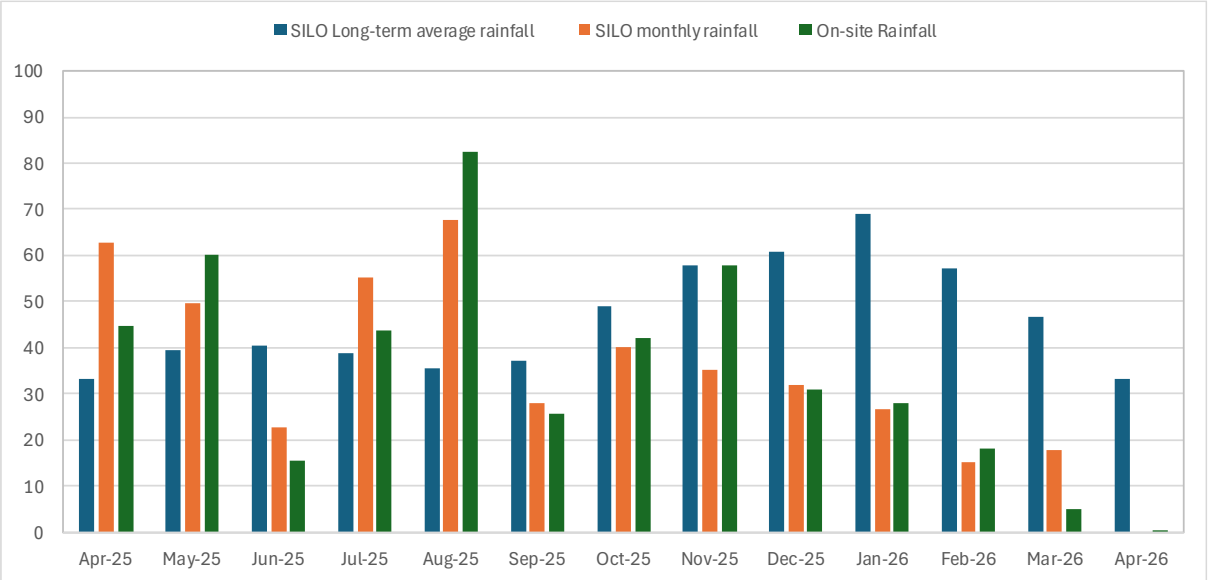


Figure 1 On-site monthly rainfall vs long-term average monthly rainfall

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 2025).

2.2.1 AGE Vickery Bore Development and Downhole Camera Survey 2025

In November 2025, AGE completed a targeted bore cleanout and downhole camera resurvey program at Vickery following the May 2025 bore condition survey (AGE 2026). Between 11 and 13 November 2025, AGE inspected 15 bores and completed airlift development and camera surveys at 14 bores, with GW-8 excluded as it had been decommissioned due to pit progression. The program was undertaken to remove debris and stagnant or turbid water where practicable, confirm bore construction details, identify screened intervals and assess obstructions or defects within the bores. Updated bore construction information was able to be derived for seven bores from the downhole footage. The survey also identified several limitations and bore condition issues, including poor visibility in some bores, difficulties airlifting large-diameter 150 mm bores, blockages in SB04 and VNW395, and a bailer lodged at the base of TR7 within the screened section. AGE recommended that available drilling, geological and geophysical records be reviewed against the camera survey results, that confirmed bore construction details be incorporated into the GWMP, that blockages in SB04 and TR7 be removed or the bores decommissioned and replaced if required, and that VNW395 be decommissioned and replaced due to apparent vandalism and potential contamination indicators observed during development.

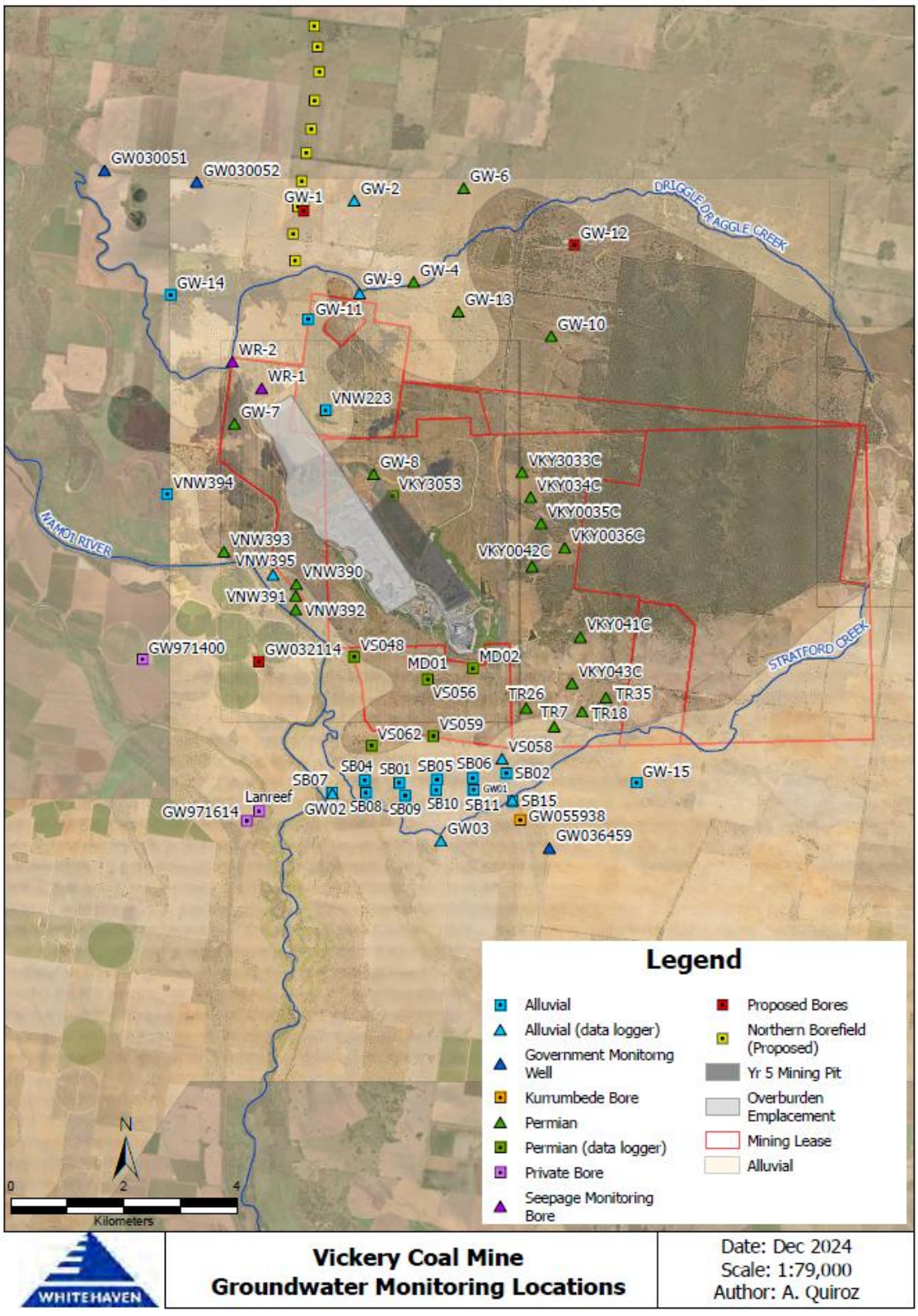


Figure 2: VCM groundwater monitoring network

2.3 Data Availability

In line with the VCM GWMP, the full suite of bores available was monitored during the reporting period, with the following exceptions:

- Bore GW-8 was decommissioned due to pit progression prior to the January 2026 monitoring event.
- Bore GW971614 was sampled using an installed pump, but a groundwater level measurement was not recorded.

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 April 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 April 2026 monitoring round, is presented in **Figure 6**.

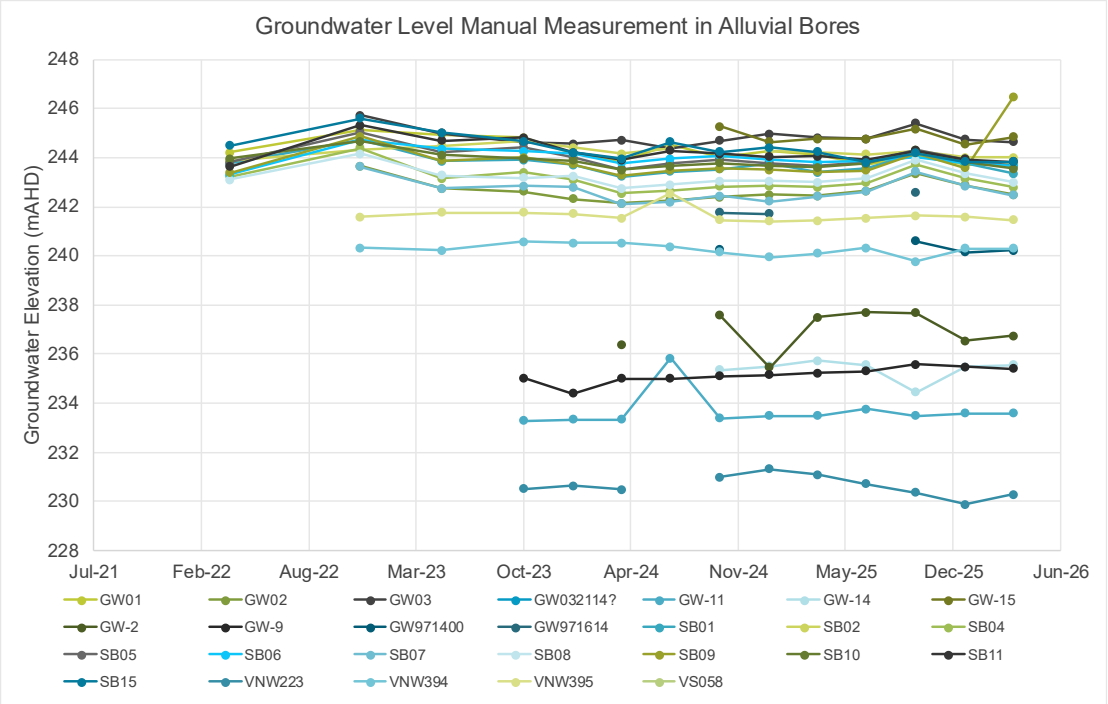


Figure 3 Alluvial bores hydrograph

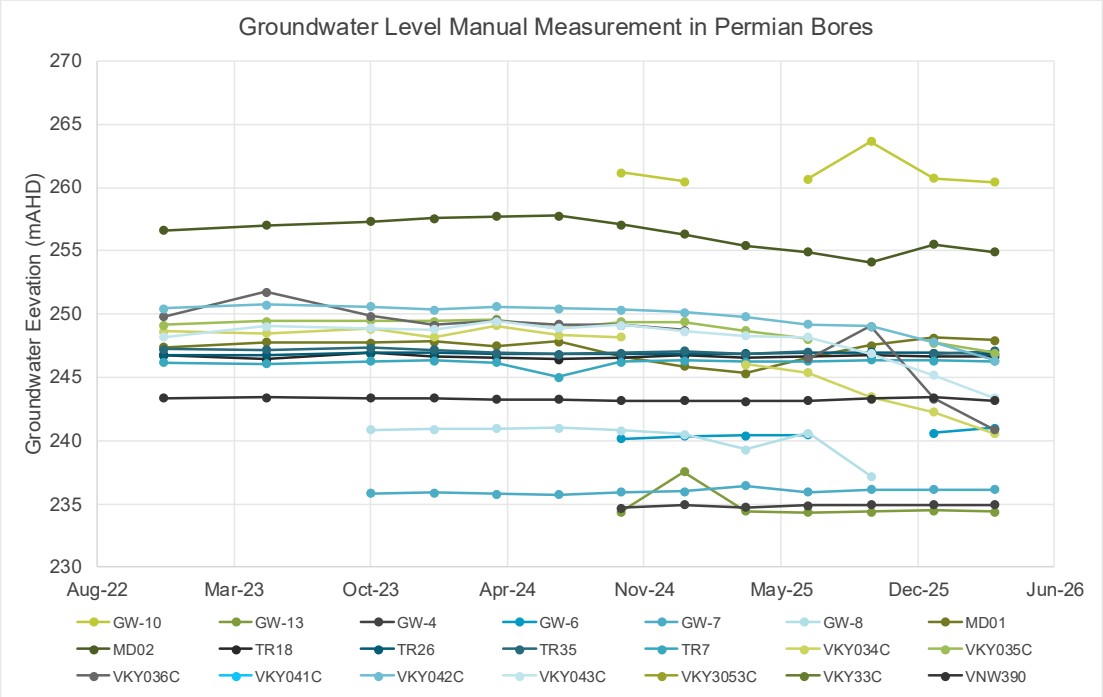


Figure 4: Permian bores hydrograph

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	Apr-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	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	242.5
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	244.6
GW-11	-	-	-	233.3	233.3	233.3	235.8	233.4	233.5	233.5	233.8	233.5	233.6	233.6
GW-14	-	-	-	-	-	-	-	235.4	235.5	235.7	235.6	234.4	235.5	235.5
GW-15	-	-	-	-	-	-	-	245.3	244.6	244.8	244.8	245.2	244.5	244.8
GW-2	-	-	-	-	-	236.4	-	237.6	235.5	237.5	237.7	237.7	236.5	236.7
GW-9	-	-	-	235.0	234.4	235.0	235.0	235.1	235.2	235.2	235.3	235.6	235.5	235.4
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	243.4
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	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	242.8
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	243.7
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	243.7
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	242.5
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	243.0
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	246.5
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	243.6
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	243.8
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	243.8
VNW223	-	-	-	230.5	230.6	230.5	-	231.0	231.3	231.1	230.7	230.4	229.9	230.3
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	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	241.5

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	Apr-26
WR1	-	-	-	-	-	235.1	235.1	235.3	237.7	235.2	235.3	235.2	235.3	235.3
WR2	-	-	-	-	-	235.0	234.8	234.8	235.2	234.6	235.0	235.2	235.1	234.8
GW971400	-	-	-	-	-	-	-	240.2	-	-	-	240.6	240.1	240.2
GW971614	-	-	-	-	-	-	-	241.8	241.7	-	-	242.6	-	-
Permian Bores														
GW-10	-	-	-	-	-	-	-	261.2	260.5	-	260.7	263.7	260.8	260.4
GW-13	-	-	-	-	-	-	-	234.4	237.5	234.4	234.4	234.4	234.5	234.4
GW-4	-	-	-	-	-	-	-	234.7	234.9	234.7	234.9	234.9	235.0	234.9
GW-6	-	-	-	-	-	-	-	240.2	240.4	240.4	240.5	-	240.6	241.0
GW-7	-	-	-	235.9	235.9	235.8	235.8	235.9	236.0	236.5	235.9	236.1	236.2	236.1
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	248.0
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	254.9
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	246.6
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	246.8
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	247.1
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	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	240.6
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	246.9
VKY036C	-	249.8	251.8	249.8	249.1	249.5	249.2	249.2	248.7	-	246.5	249.0	243.3	240.9
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	246.3
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	243.4
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	243.2
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	243.2
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	243.2

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	Apr-26
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	245.3

*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.

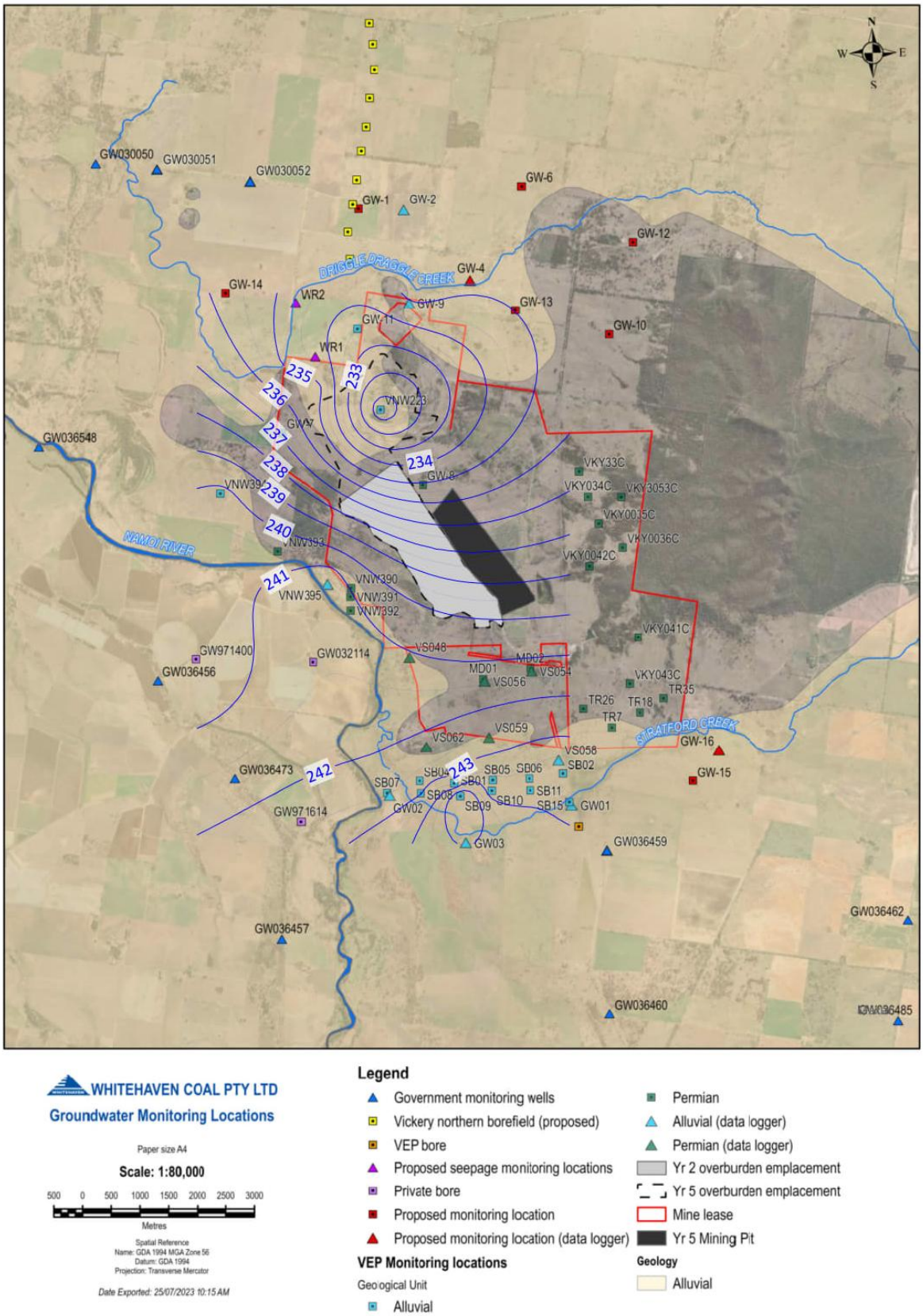
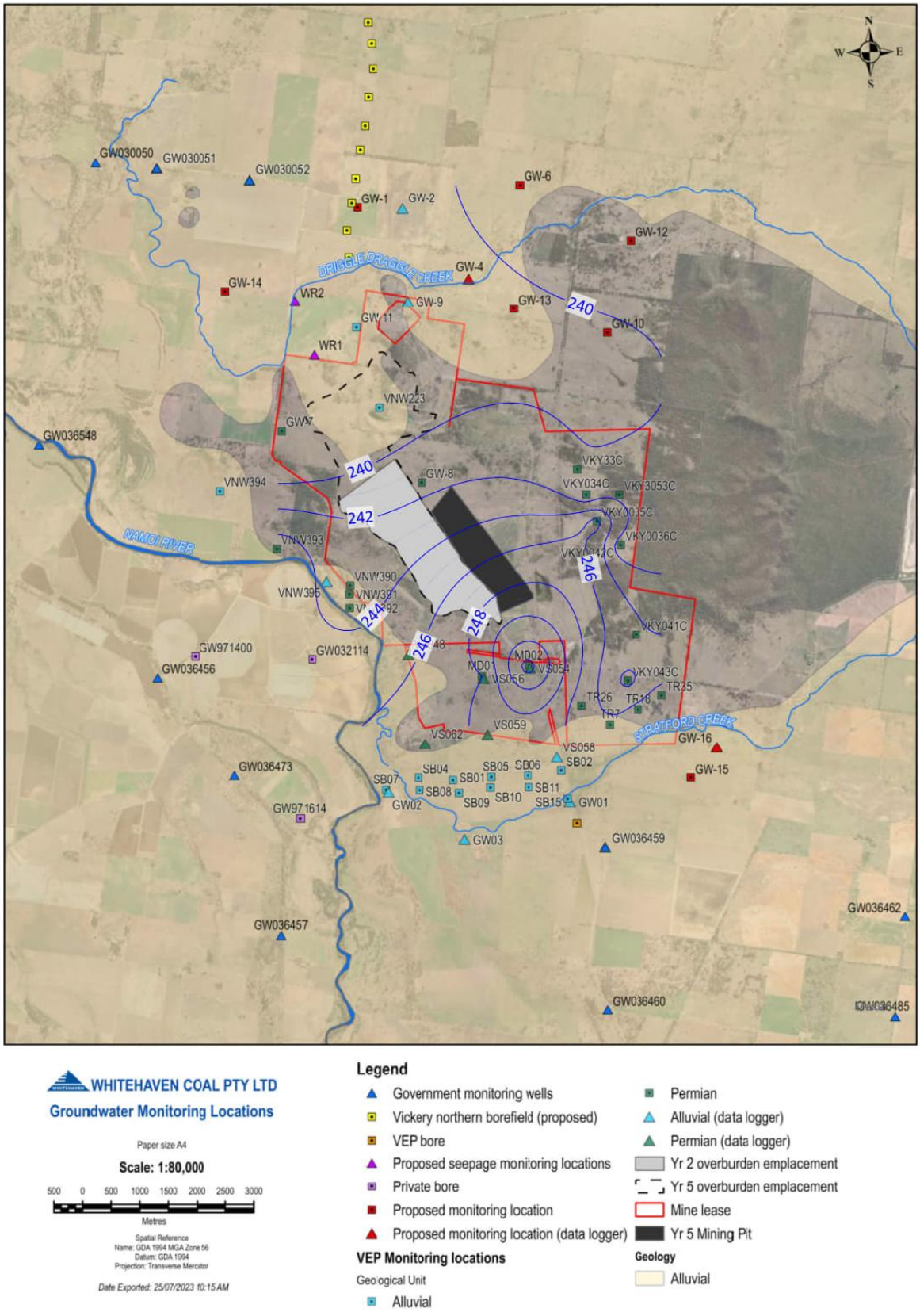


Figure 5 Alluvial groundwater contour map (April 2026)



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
- Vickery 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 (April 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 – 31/03/2026	-	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 – 01/04/2026	4,905	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. New logger installed during April 2026. Data was not captured for from January to April 2026.
GW-9	Logger (Rugged TROLL 100)	24/04/2020 – 08/04/2026	3,156	A 0.3-metre difference between manual dips and logger data observed during January 2026 monitoring round. This difference increased in the April 2026 monitoring round. Calibrate logger measurements to manual measurements.
VNW395	Logger (Rugged TROLL 100)	17/01/2024 – 17/04/2024; 22/12/2025 – 08/04/2026	701	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 – 01/04/2026	2,327	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 – 07/04/2024	1,939	Logger data was not available since July 2024.

Bore ID	Logger Type	Recording Period	Number of Data Points	Comments
VKY034C	Logger (Rugged TROLL 100)	07/01/2020 – 08/04/2026	9,134	-
VKY035C	Logger (Rugged TROLL 100)	04/11/2020 – 08/04/2026	7,924	-
VKY036C	Logger (Rugged TROLL 100)	07/01/2020 – 08/04/2026	9,531	The logger is likely positioned above the water table within the well. Manual dips indicated ongoing drawdown. Hydrograph at VKY036C is provided in **Appendix B**.
VKY041C (38, 51, 70, 95, 115 m)	VWP (DT2055-02027)	11/03/2015 – 31/03/2026	-	Calibration factors and sensor depths to be confirmed.
VKY041C (140, 170, 199 m)	VWP (DT2055-02023)	11/03/2015 – 31/03/2026	-	Calibration factors and sensor depths to be confirmed.
VKY042C	Logger (Rugged TROLL 100)	04/11/2020 – 08/04/2026	7,926	-
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 – 07/04/2026	-	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 – 07/04/2026	7,711	-
VS054 (23, 96, 120, 167m)	VWP (SN11-1769/1776/1770/1772)	17/06/2012 – 15/06/2012; and 16/11/2023 – 08/04/2026	~8,349/sensor	The temperature sensor located at VS054-167m exhibited a malfunction.
VS056 (25, 100m)	VWP (SN11-1765/1771)	04/03/2020 – 07/04/2026	VS056-25m: 8,408; VS056-100m: 1,987	-
VS058 (18, 88, 159m)	VWP (SN11-1768)	16/04/2020 – 27/03/2026	~8,613/sensor	
VS059 (30, 65, 113m)	VWP	16/04/2020 – 01/04/2026	~8,702/sensor	
VS062 (30m)	VWP	12/02/2021 – 31/03/2026	10,878	
WR-1	Logger (Rugged TROLL 100)	30/04/2024 - 08/04/2026	2,845	-
WR-2	Logger (Rugged TROLL 100)	30/04/2024 - 08/04/2026	2,832	-

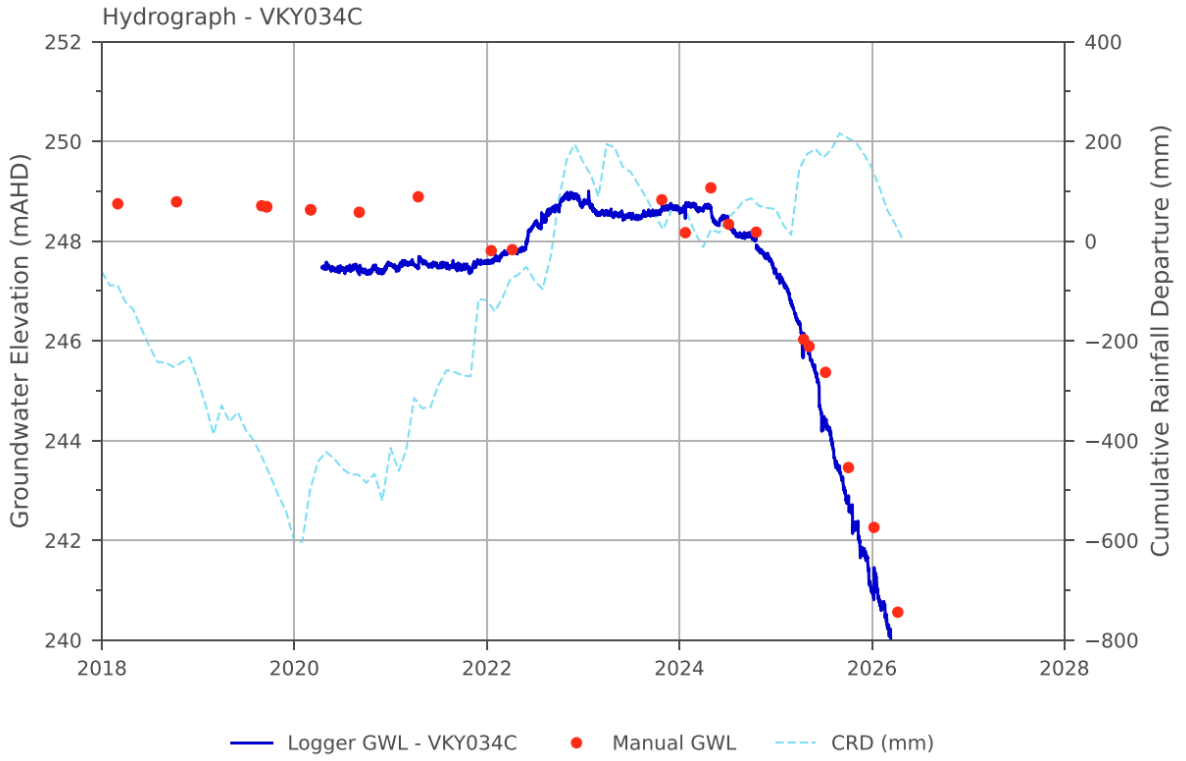


Figure 7: Logger hydrograph – VKY034C

2.4.2 TARP Trigger Level Summary

2.4.2.1 Alluvial aquifer

No groundwater level 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.

Groundwater levels in the Alluvial aquifer (see **Figure 3**) generally remained within historical ranges during the reporting period, with the following exceptions:

- SB09 saw a groundwater level increase of approximately 3 m from the Jan 2026 level.

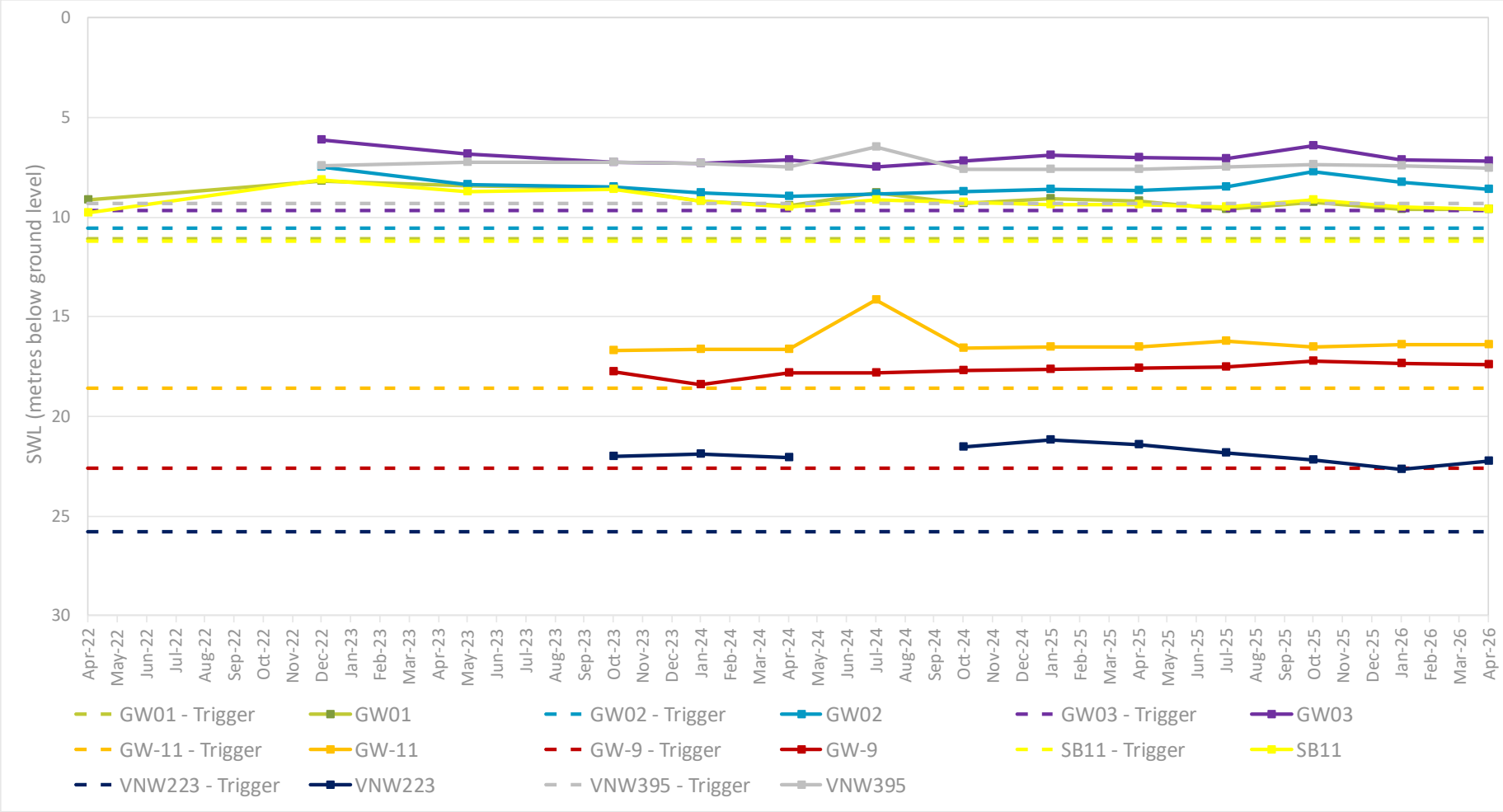


Figure 8 Alluvial hydrographs and triggers, as depth below ground level

2.4.2.2 Permian aquifer

No groundwater level trigger level exceedances were recorded in the Permian aquifer bores during the reporting period. **Figure 9** presents the hydrographs for the Permian bores with established groundwater triggers. These are presented as depth below ground level, as per the current GWMP.

Groundwater levels in the Permian aquifer bores (**Figure 4**) generally remained within historical ranges during the reporting period, with the following exceptions:

- 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.

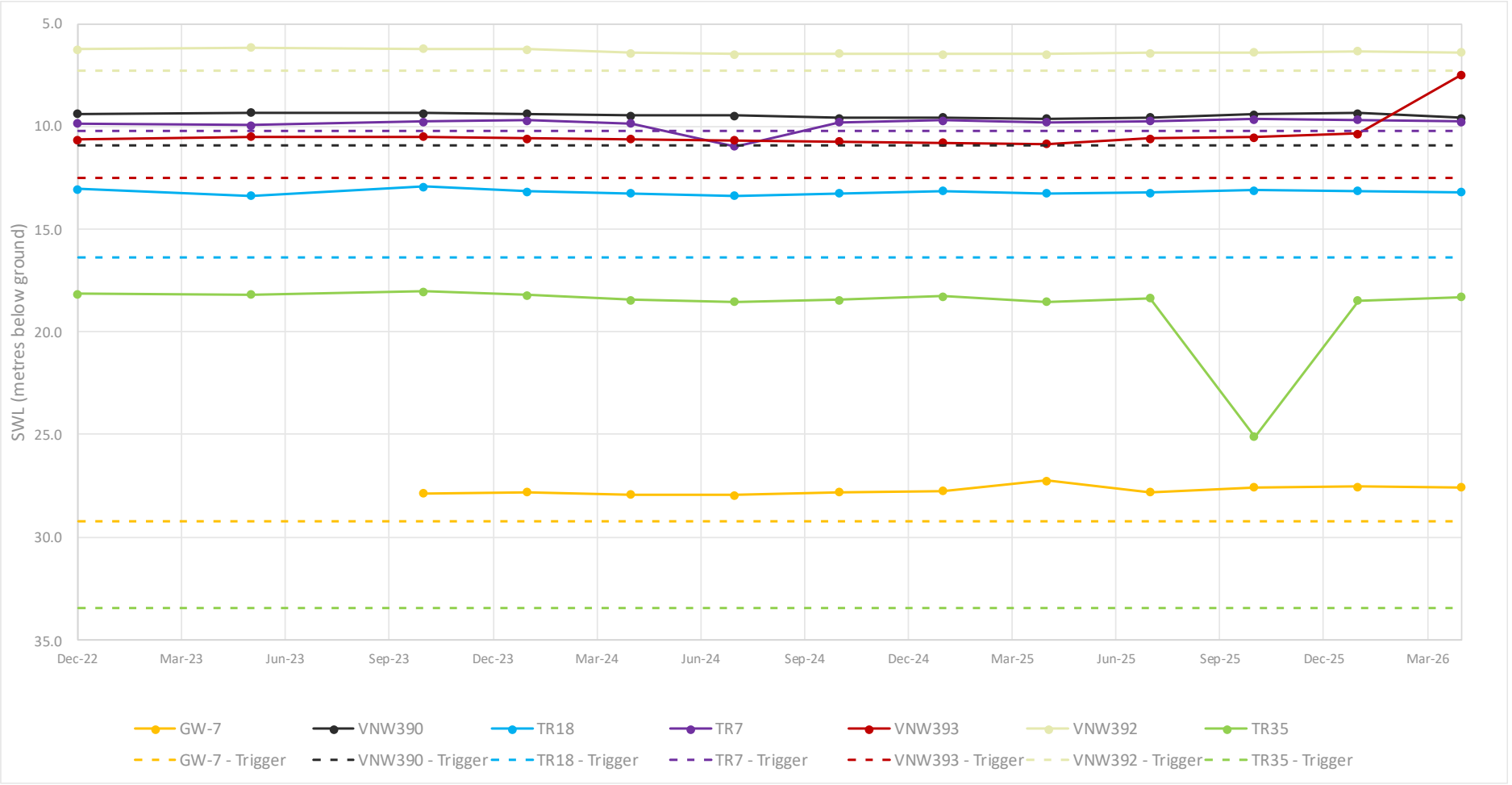


Figure 9 Permian hydrographs and trigger, as depth below ground level

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 well below-average rainfall from January 2026 to April 2026. 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 groundwater level observations against all trigger levels as per the WMP 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 April 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 presents the field and laboratory EC results for GW03, together with concurrent groundwater level data. During the April 2026 monitoring round, EC at GW03 exceeded the trigger value of 811 µS/cm. The routine sample collected on 1 April 2026 recorded a field EC of 911 µS/cm and a laboratory EC of 828 µS/cm.

Under the TARP, exceedance assessments are based on validated laboratory results. As the 1 April 2026 laboratory EC result exceeded the trigger value, a Level 1 trigger response was implemented, including re-sampling of groundwater quality within seven days and reporting of the exceedance in the Annual Review.

A follow-up sample was collected from GW03 on 13 April 2026 as part of the Level 1 response. The follow-up sample recorded a field EC of 936 µS/cm and a laboratory EC of 851 µS/cm, both of which remained above the trigger value of 811 µS/cm. As the follow-up laboratory result confirmed a continued exceedance, the TARP response for GW03 was escalated to Level 2.

The 2025 bore condition survey recorded an observed depth of 43.38 mBTOC and a standing water level of 6.72 mBTOC at GW03. A downhole camera survey identified a screened interval from 37.95 to 42.9 mBTOC, broadly consistent with the screened interval listed in the GWMP of 35.15 to 41.15 mBTOC. The survey also identified sediment accumulation obscuring the

base of the bore. GW03 was not airlift developed during the survey due to the larger bore diameter of 150 mm.

In accordance with the Level 2 TARP requirements, a preliminary hydrogeological investigation is required to assess the cause of the EC exceedance and determine whether it is mining-related. Given the bore condition survey findings, the investigation should include consideration of bore condition and sample representativeness, including the sediment accumulation at the base of the bore and whether further bore maintenance or resurvey is required. Monitoring frequency is also required to increase to monthly until the exceedance ceases, and the outcomes of the investigation are to be reported in the Annual Review.

On this basis, the TARP remains enacted for GW03 and has been escalated to Level 2 for this reporting period. The Level 2 investigation should prioritise review of bore condition and data representativeness before drawing conclusions regarding the cause of the EC exceedance. Piper Diagrams

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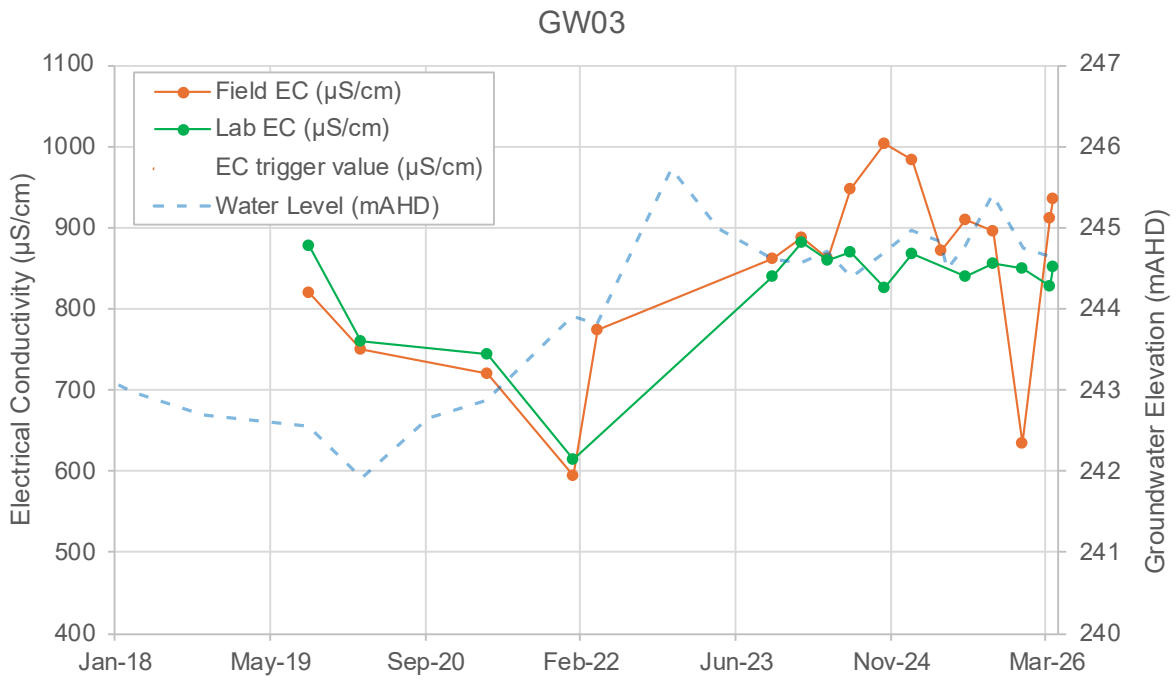

Figure 10 EC time series plot for GW03

TR7

Results for TR7 in the April 2026 round were consistent with the patterns previously reported. During the April 2026 monitoring round, field pH and EC were again outside the existing trigger criteria. The sample collected on 1 April 2026 recorded a field pH of 6.97, which was below the lower pH trigger value of 7.4, and a field EC of 15,000 µS/cm, which exceeded the EC trigger value of 12,970 µS/cm.

These results are consistent with the range of values recorded at TR7 since October 2023 (see **Figure 11**), with pH remaining below the existing lower trigger value and EC generally remaining above the existing EC trigger value. No new departure from the established post-October 2023 pattern was observed during the April 2026 round.

The 2025 bore condition survey recorded a total depth of 18.56 mBTOC and a standing water level of 9.75 mBTOC at TR7. Following airlift development, the downhole camera survey

identified a screened section from approximately 15.99 mBTOC to at least the top of a bailer lodged in the bore at 18.56 mBTOC. The observed screened interval and bore depth differ from the GWMP construction details, which list the screened section as 11.27 to 17.27 mBTOC. Evidence of PVC glue was also observed in the bore.

Consistent with previous assessments, the TARP is not enacted for TR7 on the basis that the April 2026 results are consistent with previously observed conditions and do not indicate a material change in groundwater quality. However, the bore condition survey findings indicate that TR7 requires review as part of the groundwater monitoring network, including confirmation of construction details, consideration of the lodged bailer, and assessment of whether the bore remains suitable for ongoing monitoring. The existing trigger values for TR7 are proposed to be reviewed and updated as part of the upcoming GWMP and TARP revision.

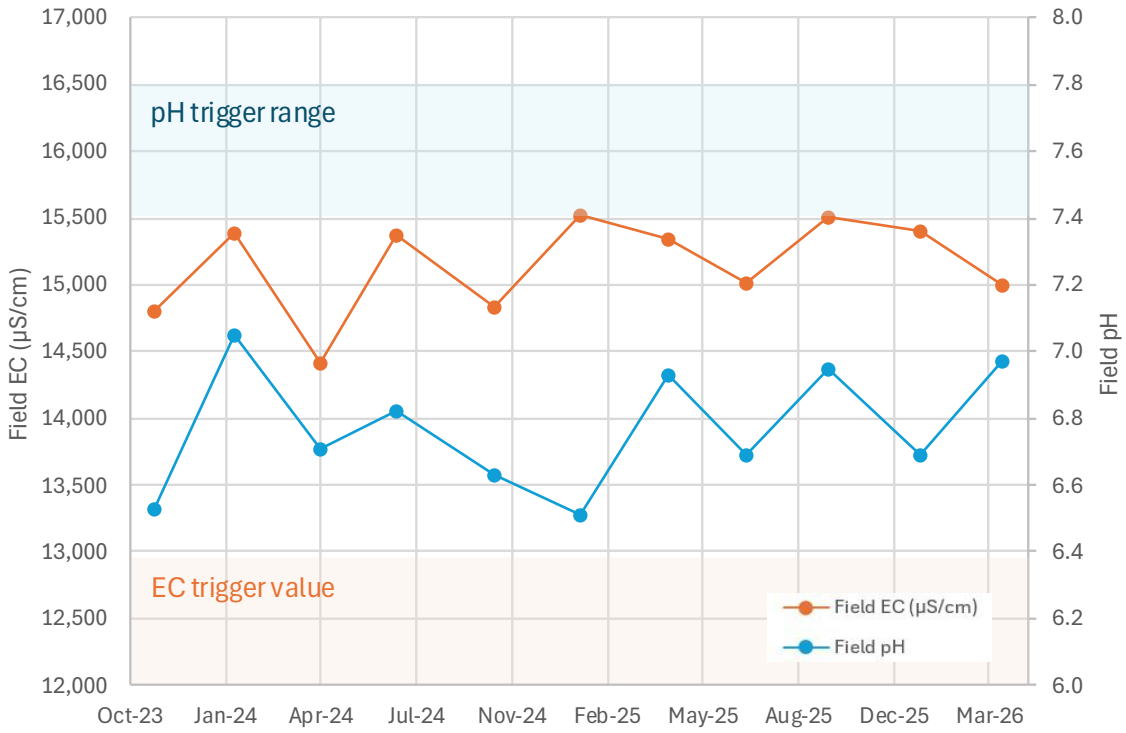

Figure 11 TR07 temporal EC and pH plot

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 April 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.

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	Apr-26
GW-2	Field pH	pH unit	6.9-8.3*	-	-	-	-	8.97	8.85	8.96	8.88	9.15	9.15	9.08
GW-9			6.6-8.2	7.94	6.68	6.81	6.76	6.68	5.4	7.52	7.07	-	8.67	8.27
GW-15			6.9-8.3*					8.97	8.85	8.96	8.88	-	9.15	9.08
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	6.97
WR1			6.9-8.3*	-	-	6.70	6.47	6.5	6.95	6.96	6.63	6.52	6.69	6.65
WR2			6.9-8.3*	-	-	6.57	6.52	6.36	6.41	6.99	6.39	6.54	6.86	6.63
GW03	Field EC	µS/cm	811	862	888	862	947	1,004	983	872	909	896	Field: 635; Lab: 850	Field: 911 Lab: 828
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	Field: 13,270 Lab: 13,000
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	Field: 16,990 Lab:15,800
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	Field: 15,760 Lab:15,000
WR1			10,083*	-	-	26,500	26,800	26,800	25,400	27,300	25,580	23,500	20,500	Field: 27,100 Lab: 24,700
WR2			10,083*	-	-	25,340	26,600	26,600	27,900	26,100	26,800	22,900	19,790	Field: 26,120 Lab: 24,600

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	Apr-26
GW-7	$SO4^{2-}$	mg/L	86*	364	385	399	380	396	414	354	362	331	340	355
GW-14			365*	-	-	-	-	435	462	483	383	394	458	393
SB02			365*	1,120	-	1,160	741	1,110	1,280	1,110	1,080	928	1,050	1,250
SB05			365*	735	551	520	595	496	447	380	400	463	513	452
SB06			365*	372	362	362	324	307	366	359	414	304	391	399
TR18			86*	702	620	592	622	626	630	552	644	602	678	616
TR26			86*	194	230	180	198	195	229	217	211	180	196	277
TR35			86*	660	651	622	624	624	526	562	631	611	650	613
TR7			365*	508	714	501	518	563	458	507	702	517	559	639
VKY034C			86*	123	185	116	98	90	115	117	138	94	106	104
VKY036C			86*	244	294	281	100	174	190	174	149	168	218	144
VKY042C			86*	302	309	312	283	326	307	316	314	304	298	308
VNW391			86*	88	88	96	52	86	101	97	101	97	126	124
VNW392			86*	-	284	296	263	314	300	266	313	285	126	288
VNW393			86*	179	185	200	165	202	205	212	197	178	170	178
VNW394			365*	-	551	560	574	591	498	535	573	582	591	602
WR1			365*	-	-	1,320	901	1,280	1,490	1120	1,250	1,100	1,050	1,130
WR2			365*	-	-	1,540	1,120	1,670	1,790	1250	1,480	1,340	1,240	1,350
GW-2	Chromium	mg/L	0.001	-	-	<0.001	-	0.003	0.002	0.004	0.003	0.003	0.004	0.004
GW-13	Cobalt	mg/L	0.0014	-	-	-	-	0.001	<0.001	0.002	0.002	0.001	0.002	0.002
MD03				-	-	-	-	-	-	-	<0.001	0.002	0.002	0.004
SB02					0.002	0.003	0.002	0.001	0.002	<0.001	0.002	0.002	0.002	0.002
TR7				-	0.008	0.004	0.008	0.004	0.005	0.003	0.003	0.004	0.006	0.002
TR18				-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.003	0.003
TR35				-	0.007	0.01	0.011	0.01	0.008	0.006	0.002	0.007	0.005	0.004

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	Apr-26
VNW392				-	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.002
VNW394				-	0.011	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.007	0.007
WR1				-	-	<0.001	<0.001	<0.001	<0.001	0.004	0.005	0.002	0.002	0.004
WR2				-	-	<0.001	0.008	0.018	0.014	0.01	0.015	0.01	0.005	0.017
GW-10	Copper	mg/L	0.0014	-	-	-	-	0.114	-	0.141	0.106	0.118	0.094	0.059
GW-13				-	-	-	-	0.006	No data	0.035	0.005	<0.001	0.004	0.003
SB15				-	0.001	<0.001	<0.001	0.008	No data	0.002	<0.001	0.008	0.003	0.003
TR7				-	0.863	0.346	0.471	1.59	-	0.387	1.44	1.25	0.194	<0.001
TR35				-	1.24	1.73	7.09	8.23	-	0.844	1.17	4.67	0.546	2.6
VKY0042C				-	0.006	0.008	0.003	0.002	0.01	0.003	0.005	0.006	0.008	0.003
VKY0043C				-	-	-	0.002	0.002	No data	0.001	0.002	<0.001	0.011	0.005
VNW223				-	-	-	-	0.011	No data	0.013	0.01	0.005	0.005	0.011
VNW391				-	0.001	0.001	<0.001	<0.001	No data	<0.001	<0.001	<0.001	0.013	0.008
VNW395				-	0.002	0.00625	0.007	0.009	No data	<0.001	<0.001	<0.001	0.002	0.014
WR1				-	-	0.001	0.001	0.005	No data	2.35	0.619	0.564	0.208	2.41
WR2				-	-	0.001	<0.001	<0.001	No data	0.002	0.002	0.002	0.003	0.102
MD02	Nickel	mg/L	0.011		0.036	0.019	0.012	0.011	0.01	0.012	0.012	0.013	0.016	0.013
TR18				-	0.021	0.02	0.019	0.013	0.011	0.013	0.009	0.01	0.015	0.027
WR1				-	-	0.004	0.037	0.024	0.024	0.094	0.03	0.026	0.021	0.019
WR2				-	-	0.004	0.118	0.087	0.158	0.22	0.025	0.039	0.076	0.052
GW-10	Zinc	mg/L	0.008	-	-	-	-	0.072	0.116	0.13	0.115	0.07	0.102	0.116
GW-11				-	0.0075	0.012	0.043	0.043	0.034	0.059	0.041	0.024	0.037	0.033
GW-13				-	-	-	-	0.019	0.02	0.144	0.049	0.019	0.031	0.026
GW-14				-	-	-	-	0.095	0.031	0.077	0.087	0.035	0.073	0.017

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	Apr-26
TR7				-	0.006	0.006	0.01	<0.005	0.006	0.013	0.014	0.018	0.025	0.010
TR18				-	<0.005	0.009	0.008	<0.005	<0.005	0.01	0.011	0.008	0.017	0.015
TR35				-	0.015	0.030	0.02	0.017	0.009	0.011	0.01	0.033	0.015	0.022
VKY043C				-	<0.005	0.006	<0.005	0.006	<0.005	0.005	0.007	<0.005	0.041	0.015
VNW391				-	0.006	0.013	0.018	<0.005	0.019	0.005	<0.005	<0.005	0.042	0.035
VNW394				-	0.007	<0.005	0.013	0.007	0.005	<0.005	<0.005	<0.005	0.012	0.009
WR1				-	-	0.012	0.014	0.007	0.007	0.018	0.013	0.01	0.015	0.019
WR2				-	-	0.012	<0.005	0.009	0.011	0.015	0.014	<0.005	0.022	0.019

* 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**).

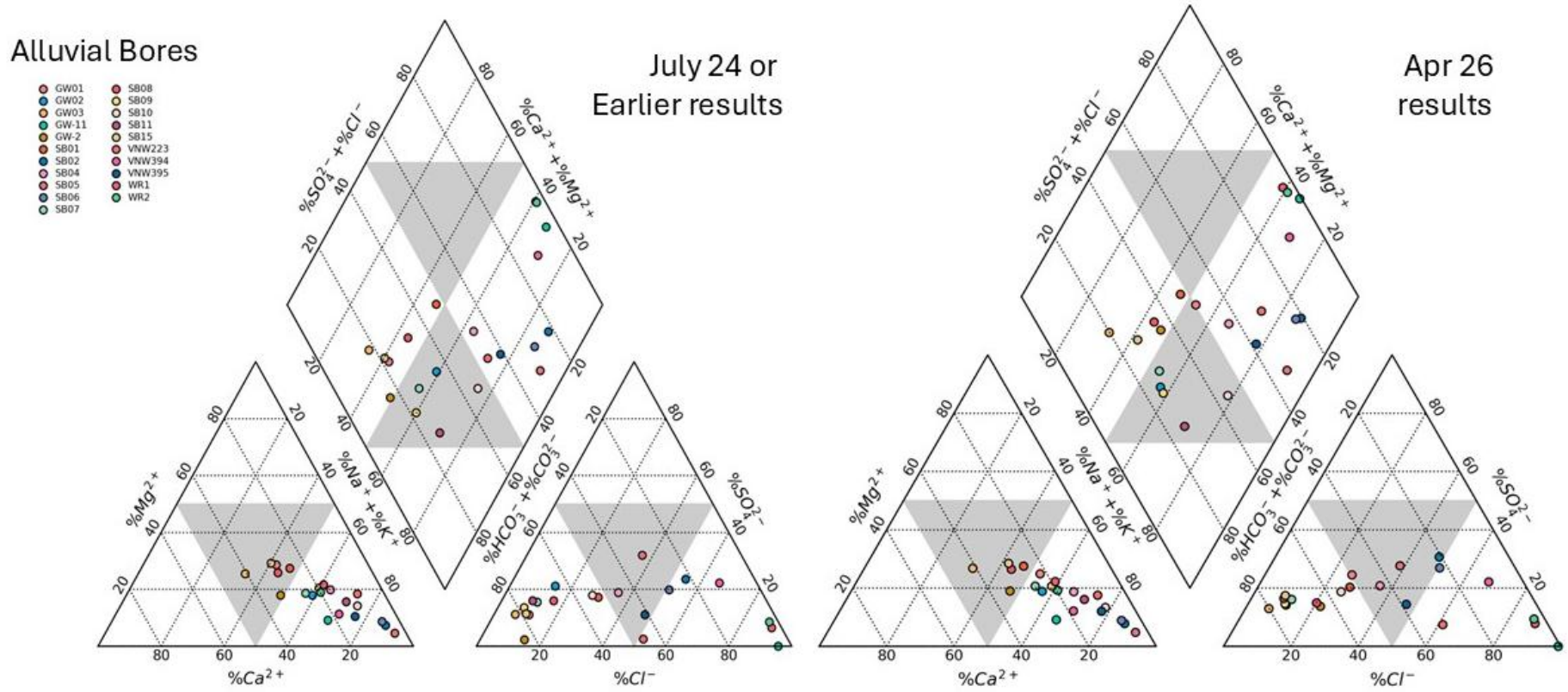

Figure 12 Alluvial groundwater piper plots

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

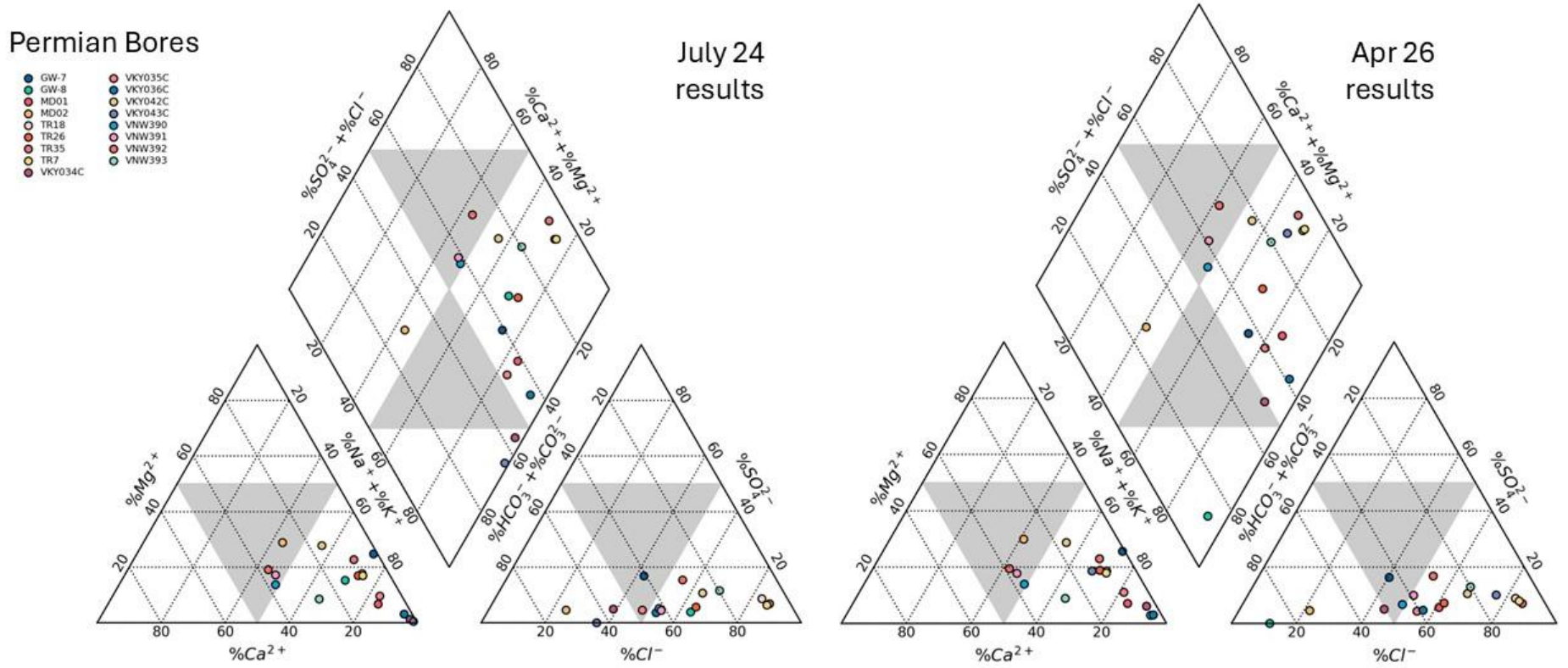

Figure 13 Permian groundwater piper plots

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 2 TARP (EC at GW03) **For Open Standpipe Monitoring Bores:** • 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 frequency to monthly until exceedance ceases The investigation will be commenced/ completed as efficiently as practicable.	
Responses	
Normal Condition No response required.	No response required.
Level 2 TARP (EC at GW03) Report exceedances in Annual Review Include outcomes from the preliminary investigation report in 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 VWPs 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.
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	COMPLETED: New logger installed in April 2026.
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	COMPLETED: 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

Recommendation	Cited	Status
		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.
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.	January 2026	COMPLETE: GW-8 decommissioned due to pit progression.
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.	January 2026	ONGOING: As of April 2026 raw pressure readings are approximately equal to barometric pressure readings which likely indicates that the logger is not submerged.

The following recommendations are made from the current monitoring period:

- Progress the Level 2 TARP response for GW03, including commencement of a preliminary hydrogeological investigation to assess the cause of the EC exceedance and determine whether it is mining-related, and increase monitoring frequency to monthly until the exceedance ceases.

Recommendations made by AGE (2026) in their Bore Survey Memo are repeated below as they are relevant to maintaining the groundwater monitoring network:

Based on the findings of this campaign and as provided in this memo, AGE make the following recommendations to Vickery:

- *Review any geological, drilling and geophysical bore logs for the monitoring bores and compare against camera survey results. Reviewing installation records will assist in confirming any previous or future findings.*
- *Ensure that accurate records are kept when installing new bores including: drilled depth, casing depth, screened interval depth, materials used, etc.*
- *Attempt to remove blockages in SB-04 and TR7 or these bores should be decommissioned and replaced.*
- *Decommission and replace VNW395 as it appears to have been vandalised; rocks were found in the bore and the water produced during development appeared dirty: − Also sample this bore for hydrocarbons and organic contaminants.*
- *Conduct a follow-up camera survey of TR-18 and VNW391, after suspended sediments in the bore have had a chance to settle out.*
- *Update the GWMP with borehole construction details identified during this survey.*

5.0 References

AGE. 2026. *Memorandum: Vickery Bore Development and Downhole Camera Survey 2025.* Brisbane: Australian Groundwater and Environmental Consultants.

Hydrosimulations. 2018. “Vickery Extension Project: Groundwater Assessment. Report .”

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

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Appendix A Trigger Action Response Plan

Vickery Extension Project Groundwater Monitoring Report

Quarterly Review February 2026 – April 2026

Whitehaven Coal Ltd

SLR Project No.: 640.031099.00001

23 June 2026

Performance Measure and Indicator, TARP Objective and Assessment Criteria	Monitoring Program	Management		
		Trigger	**Action**	**Response**
Performance Measure Feature Negligible groundwater level impact on the Namoi Alluvium aquifer and associated surface watercourses, groundwater dependent ecosystems, and private landowner bores. Negligible groundwater level impact on the Permian bedrock and associated private landowner bores, outside that predicted by the approved groundwater impacts (Hydrosimulations, 2018). **TARP Objective** 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. **Assessment Criteria** 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.	**Locations** **Open standpipes and VWPs** All monitoring locations as set out in Table 4-1 of the Groundwater Management Plan (GWMP). All monitoring locations are shown in Figure 4-1 of the GWMP. **Monitoring Frequency** **During mining** Quarterly manual measurements of water level. Continuous monitoring in bores installed with Vibrating Wire Piezometers (VWPs) and data loggers. **Post-mining** TBC	**Normal Condition**		
		• 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.	• Continue monitoring and review of data as per monitoring program.	• No response required.
		Level 1		
		• One quarterly monitoring result shows an exceedance of the trigger limit as detailed in Table 8-2 of the GWMP.	• *Actions as required for Normal Condition.* • Re-sample of groundwater level within seven days.	• Report declines and climate investigation outcomes in Annual Review.
		Level 2		
		• Groundwater level in a groundwater bore exceeds the respective trigger limit during three consecutive quarterly monitoring rounds. OR • Complaint received by landowners of private bores regarding groundwater level declines.	• *Actions as stated in Level 1.* For Open Standpipe Monitoring Bores, VWPs, and Private Bores: • 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. For Private Bores: • 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 monthly monitoring rounds, subject to negotiation and land access restrictions. The investigation will be commenced/ completed as efficiently as practicable.	• *Responses as stated in Level 1.* • Include outcomes from the preliminary investigation report in Annual Review.
		Level 3		

		• The reduction in water level is determined in the Level 2 preliminary investigation not to be controlled by climatic or external anthropogenic factors.
		OR
		• Groundwater level in a groundwater bore continues to exceed the respective trigger limit during six consecutive monitoring rounds.
			• *Actions as stated in Level 2.*
			
			For Open Standpipe Monitoring Bores, VWPs, and Private Bores:
			• 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.
			
			For Private Bores:
			• 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.
				• *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:
				  • 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.
				
				For Private Bores:
				• 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.

Performance Measure and Indicator, TARP Objective and Assessment Criteria	Monitoring Program	Management		
		Trigger	**Action**	**Response**
Performance Measure Feature Negligible quality impact on the Namoi Alluvium aquifer and associated surface watercourses and private landholder bores. Negligible quality impact on the Permian bedrock and associated private landowner bores, outside that predicted by the approved groundwater impacts (Hydrosimulations, 2018). **TARP Objective** This TARP defines levels of deviation in groundwater quality from baseline conditions and the actions to be implemented in response to each level deviation. **Assessment Criteria** 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: • Electrical Conductivity; • pH; and • Sulfate. Other major and metal ions will be assessed against the relevant ANZECC guidelines.	**Locations** **Open standpipes** All open standpipe monitoring locations as set out in Table 4-2 of the GWMP. **Monitoring Frequency** **During mining** All monitoring sites on a quarterly basis as per Table 4-2 of the GWMP. **Post-mining** All monitoring sites on a quarterly basis as per Table 4-2 of the GWMP	**Normal Condition**		
		• 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.	• Continue monitoring and review of data as per monitoring program.	• No response required.
		Level 1		
		• Two consecutive exceedances outside of the specified baseline range (pH) or above 95th percentile baseline (other quality parameters).	• *Actions as required for Normal Condition.* • Re-sample of groundwater quality within seven days.	• Report exceedances in Annual Review.
		Level 2		
		• Three consecutive exceedances (including re-samples from Level 1) outside of the specified baseline range (pH) or above 95th percentile baseline (other quality parameters). OR • Complaint received by landowners of private bores regarding groundwater quality declines.	• *Actions as stated in Level 1.* For Open Standpipe Monitoring Bores: • 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 frequency to monthly until exceedance ceases For Private Bores: • 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. The investigation will be commenced/ completed as efficiently as practicable.	• *Responses as stated in Level 1.* • Include outcomes from the preliminary investigation report in Annual Review.
		Level 3		
		• 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. OR • Groundwater quality continues to decline with six consecutive exceedances outside of the specified baseline range (pH) or above 95th percentile baseline (other quality parameters).	• *Actions as stated in Level 2.* For Private Bores and Open Standpipe Monitoring Bores • Increase monitoring to at least monthly 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.	• *Responses as stated in Level 2.* For Private Bores and Open Standpipe Monitoring Bores: • Report trigger exceedance to DPE and key stakeholders. • Report trigger exceedance and investigation outcomes in Annual Review. For Private Bores, if the changes have been confirmed to be related to mining effects: • 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 roundwater Level Results

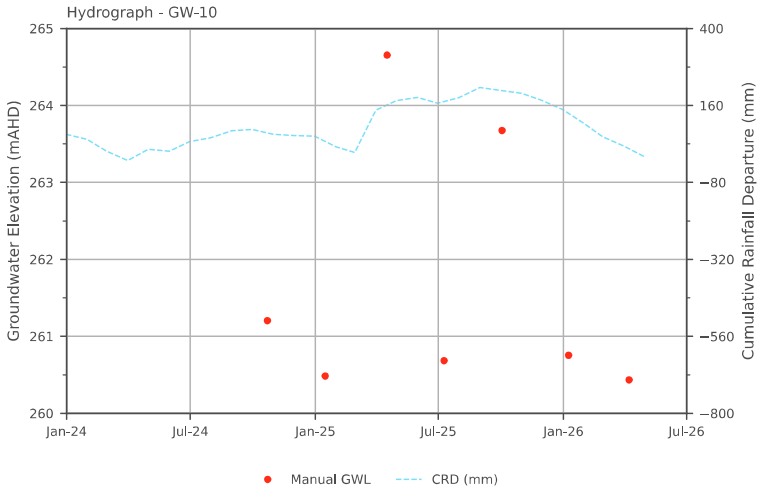
Vickery Extension Project Groundwater Monitoring Report

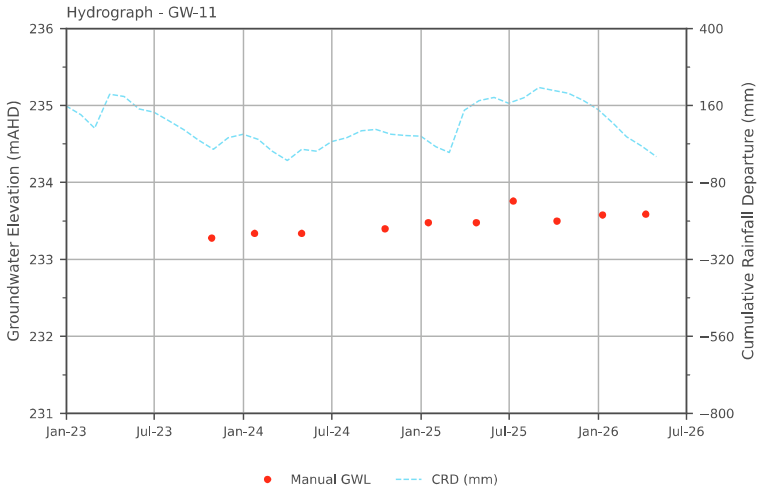
Quarterly Review February 2026 – April 2026

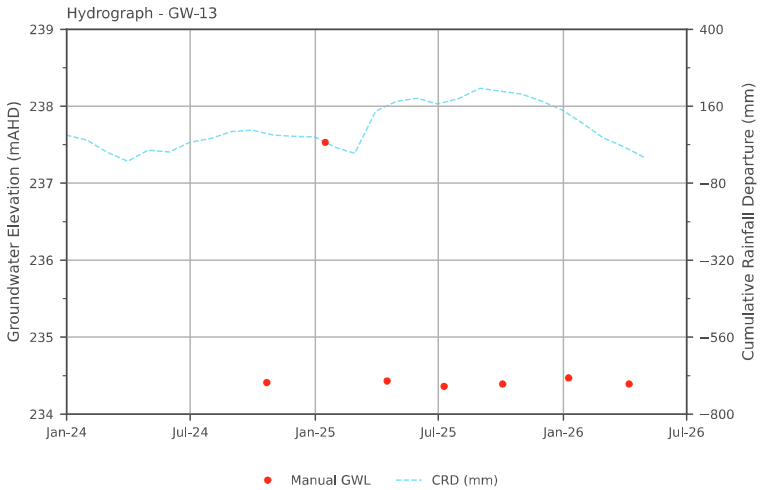
Whitehaven Coal Ltd

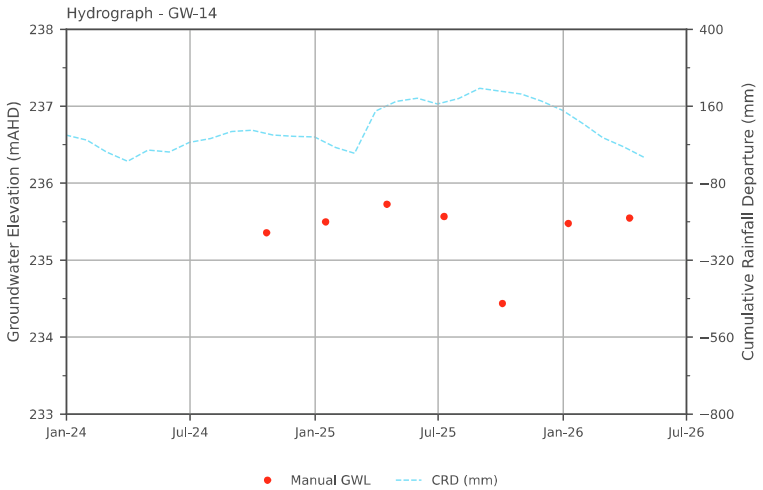
SLR Project No.: 640.031099.00001

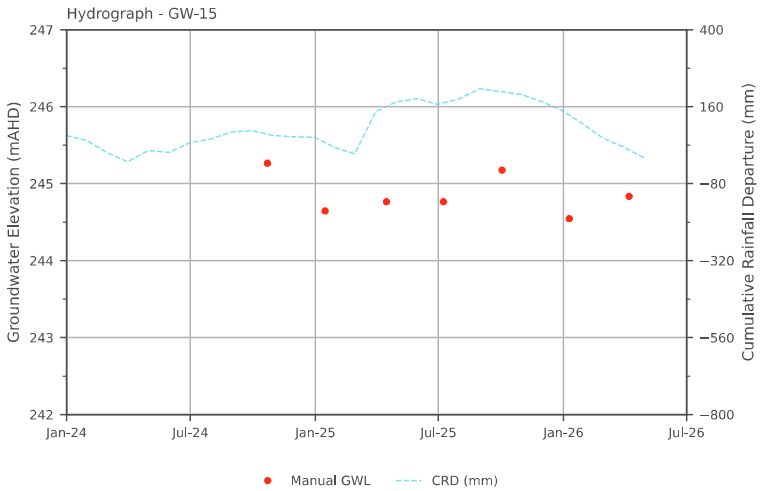
23 June 2026

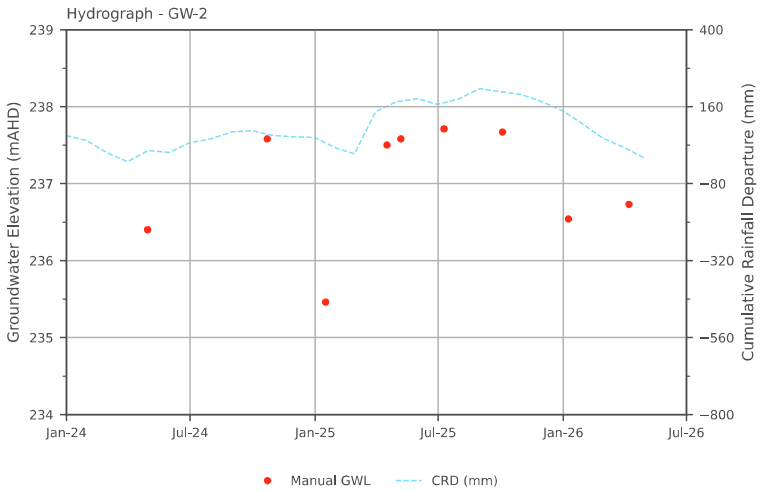

Hydrograph - GW-10
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
265
264
263
262
261
260
400
160
−80
−320
−560
−800
Jan-24
Jul-24
Jan-25
Jul-25
Jan-26
Jul-26
Manual GWL
CRD (mm)

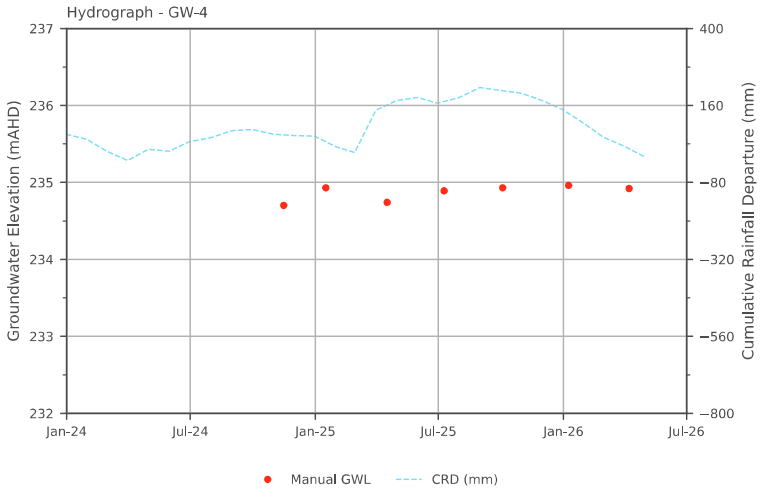

Hydrograph - GW-11
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
236
235
234
233
232
231
400
160
−80
−320
−560
−800
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Jan-26
Jul-26
Manual GWL
CRD (mm)


Hydrograph - GW-13
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
239
238
237
236
235
234
400
160
−80
−320
−560
−800
Jan-24
Jul-24
Jan-25
Jul-25
Jan-26
Jul-26
Manual GWL
CRD (mm)


Hydrograph - GW-14
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
238
237
236
235
234
233
400
160
−80
−320
−560
−800
Jan-24
Jul-24
Jan-25
Jul-25
Jan-26
Jul-26
Manual GWL
CRD (mm)


Hydrograph - GW-15
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
247
246
245
244
243
242
400
160
−80
−320
−560
−800
Jan-24
Jul-24
Jan-25
Jul-25
Jan-26
Jul-26
Manual GWL
CRD (mm)


Hydrograph - GW-2
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
239
238
237
236
235
234
400
160
−80
−320
−560
−800
Jan-24
Jul-24
Jan-25
Jul-25
Jan-26
Jul-26
Manual GWL
CRD (mm)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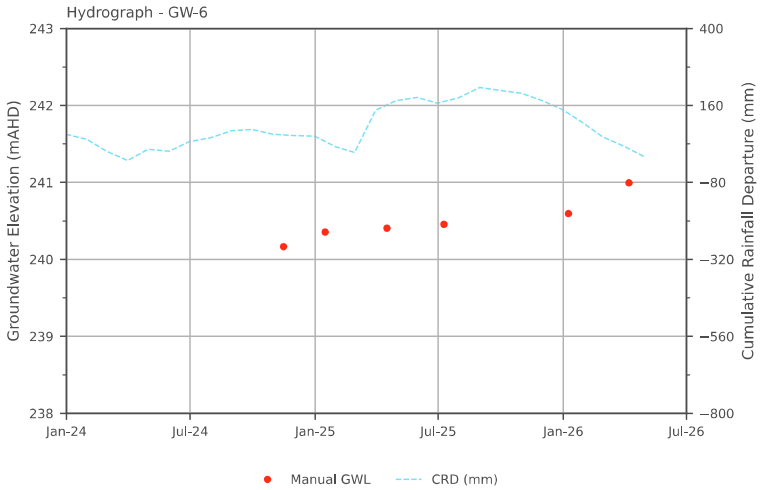
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)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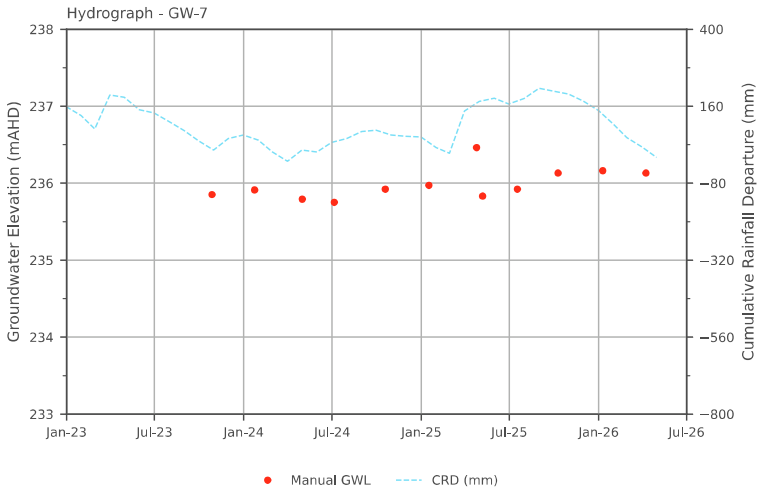
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)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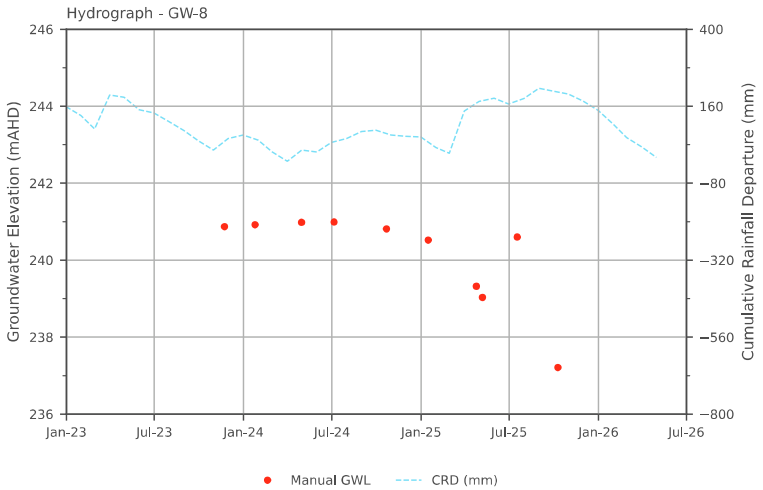
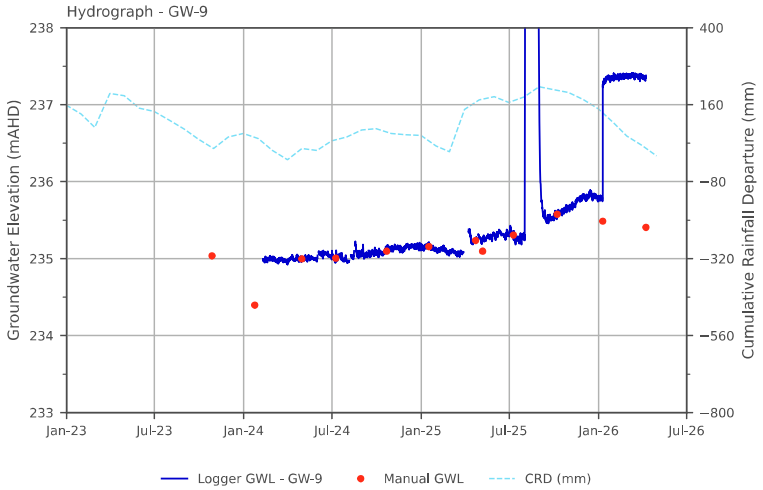
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)


Hydrograph - GW-8
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)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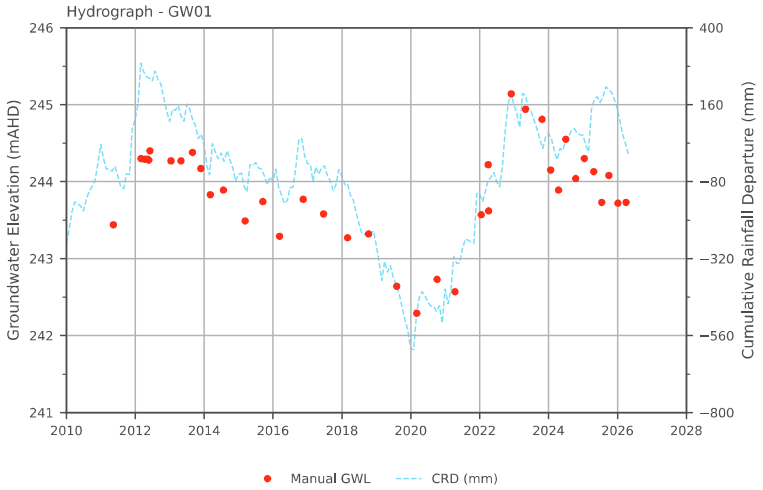
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - GW-9
Manual GWL
CRD (mm)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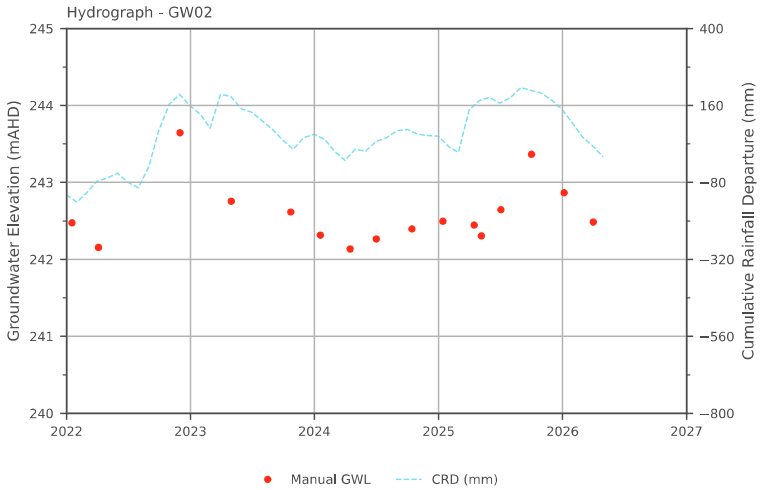
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)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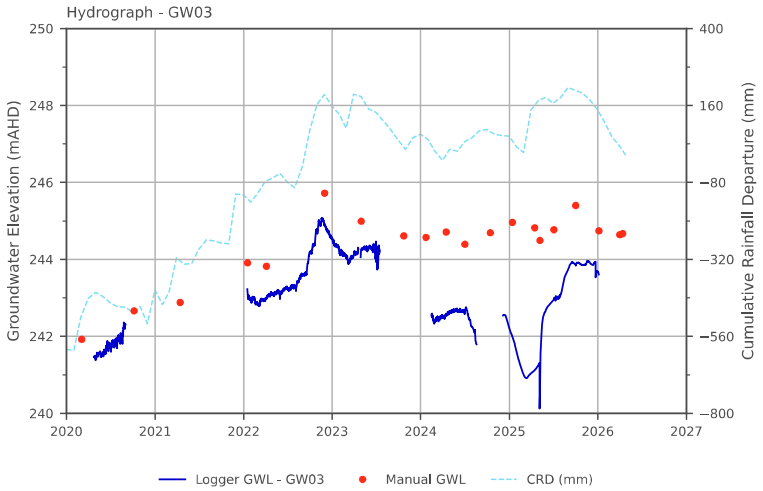
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)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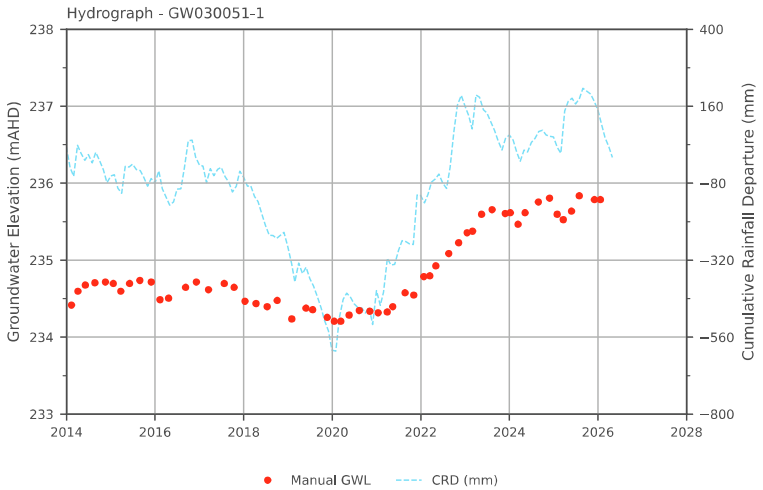
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - GW03
Manual GWL
CRD (mm)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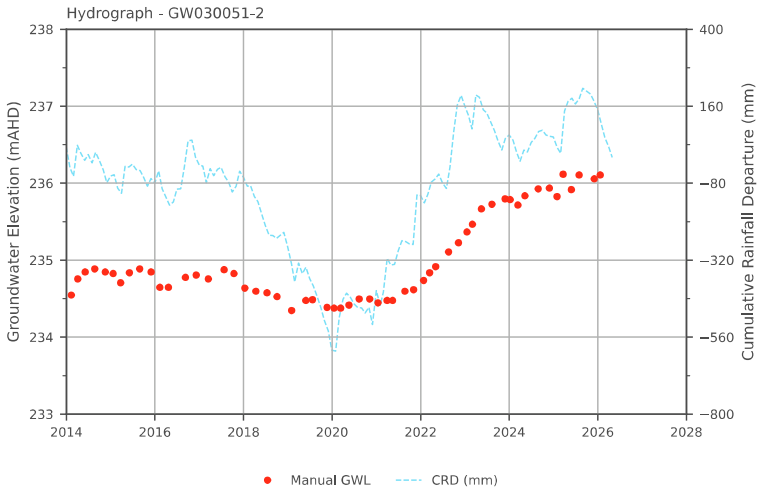
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)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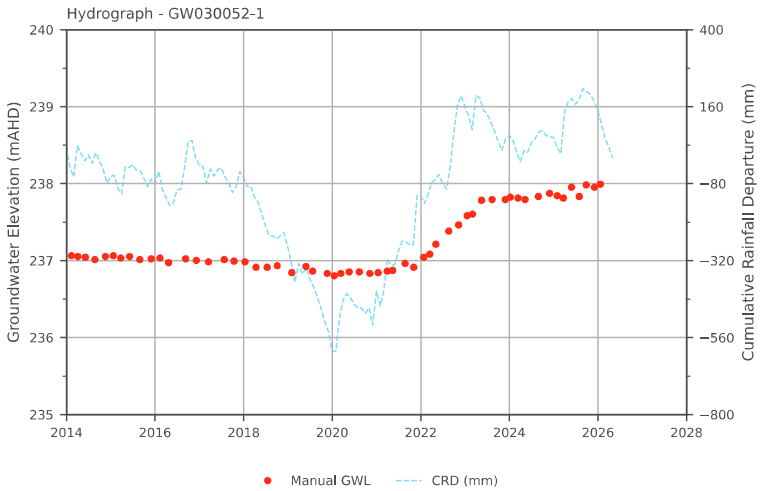
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)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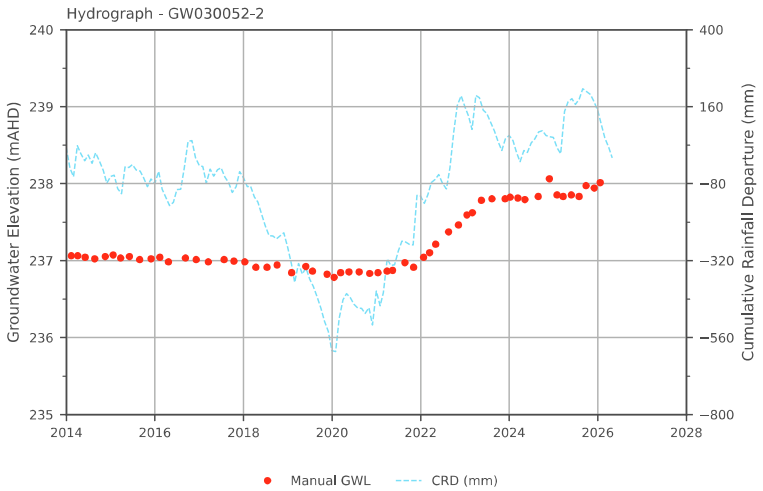
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)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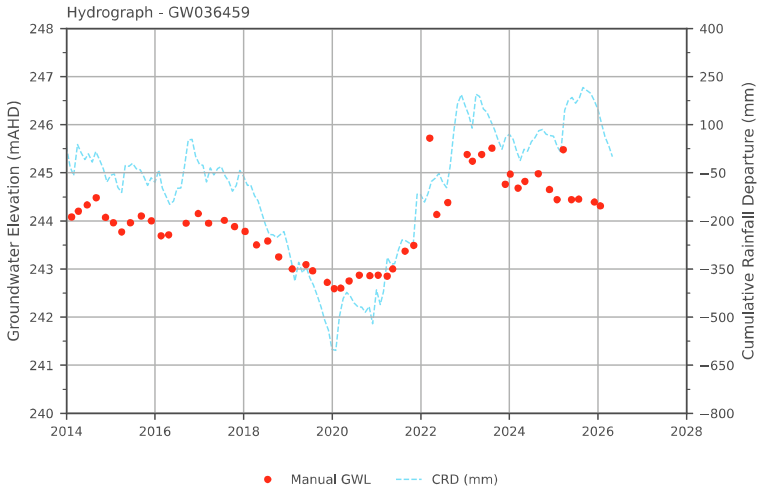
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)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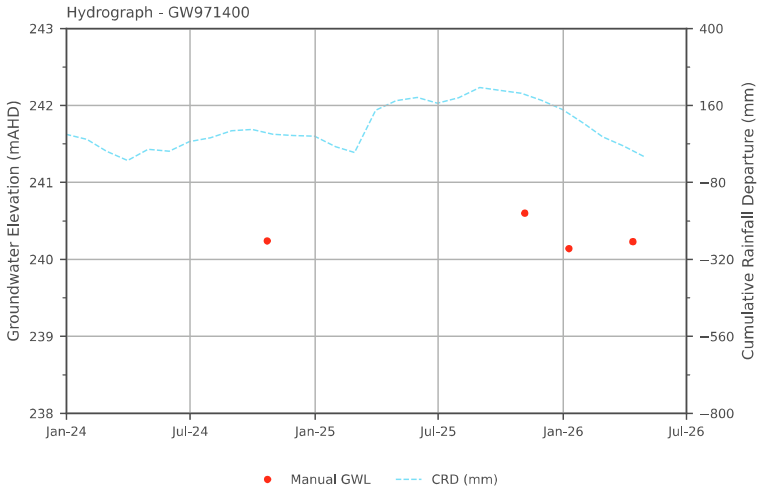
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)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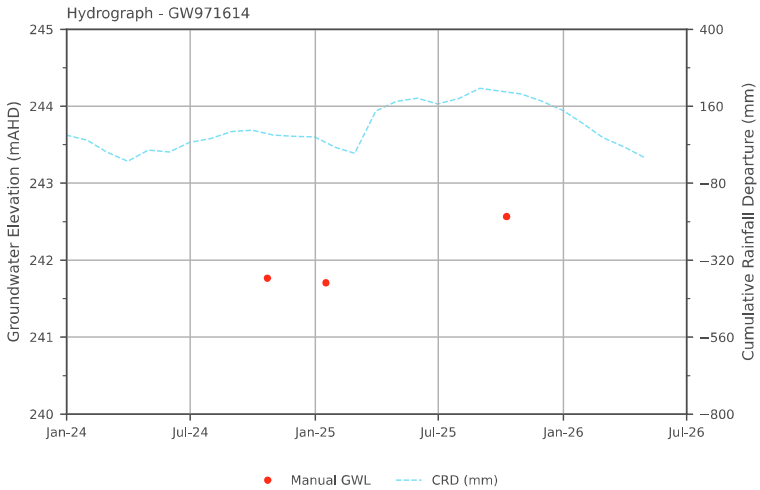
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)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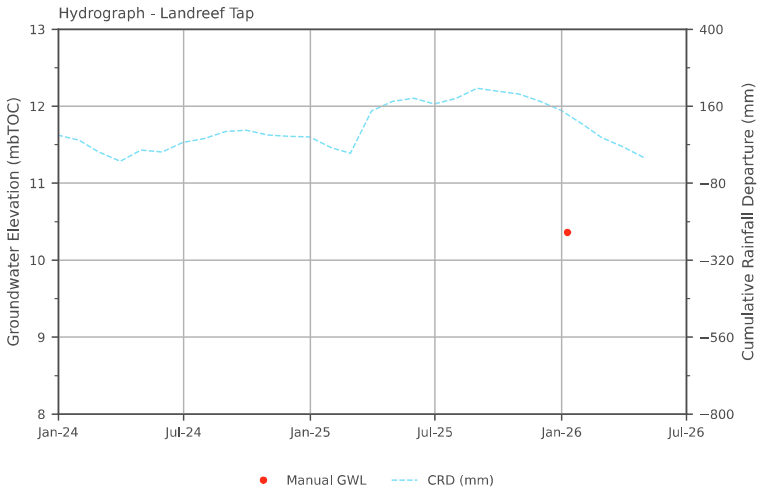
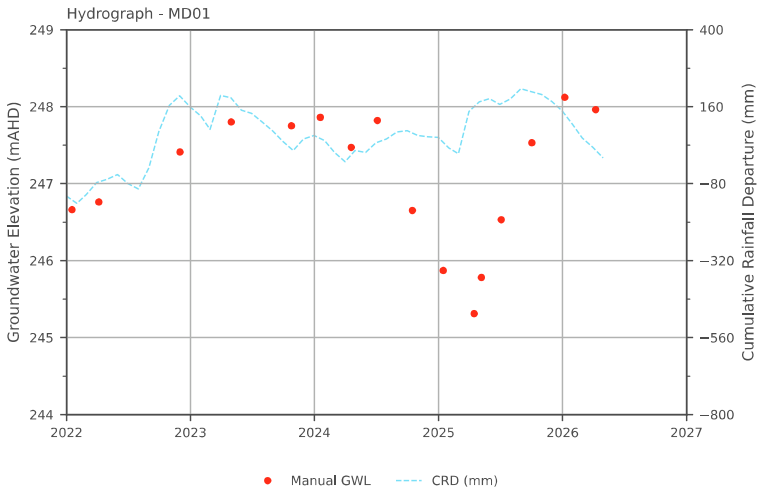
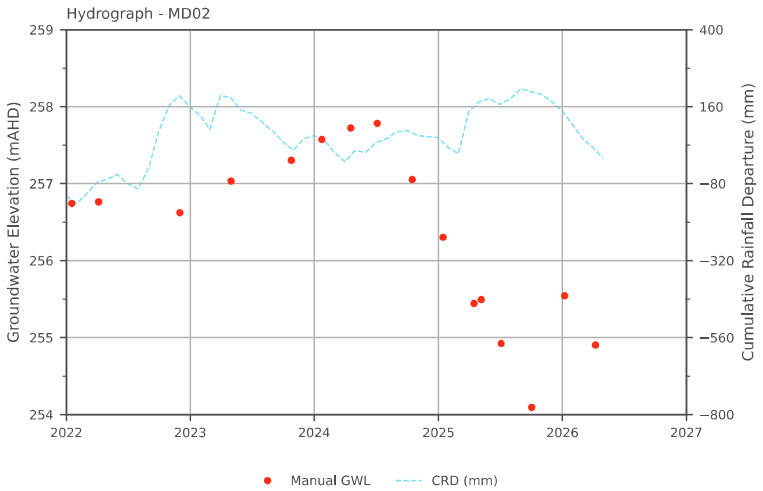
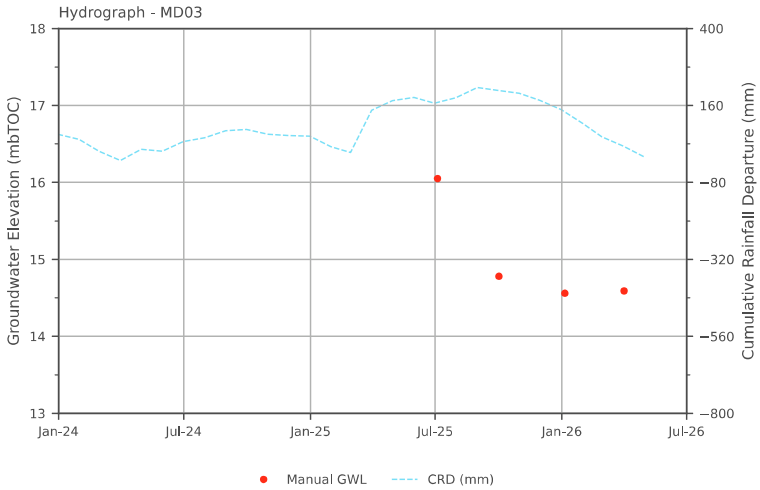
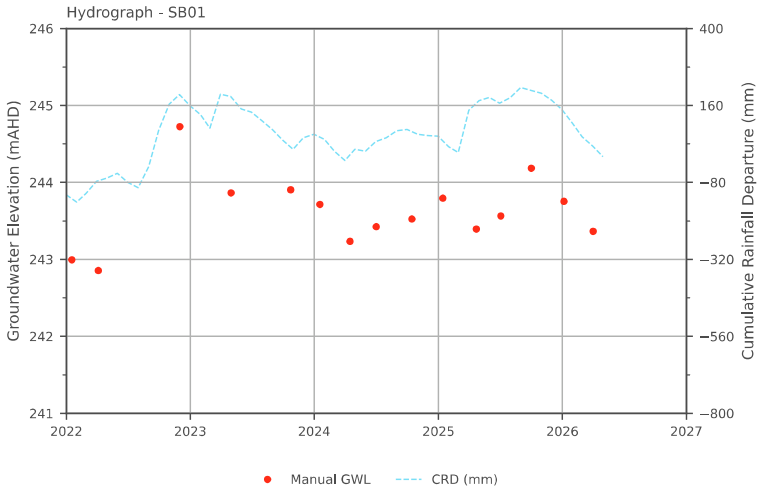
Manual GWL
CRD (mm)

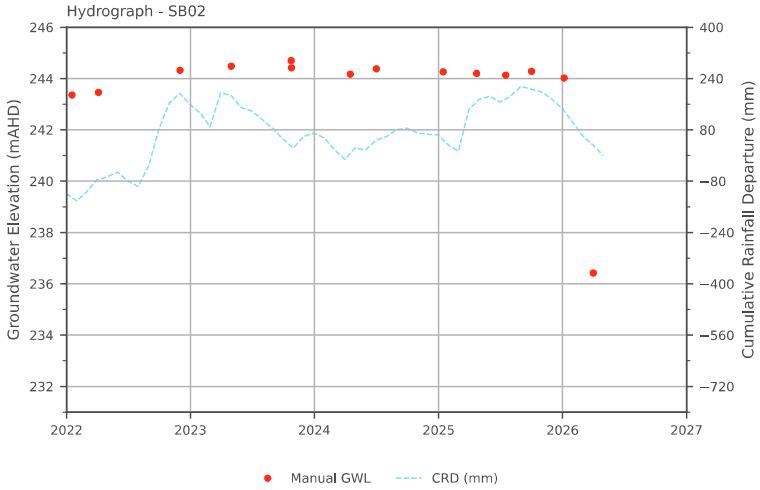

Hydrograph - Landreef Tap
Groundwater Elevation (mbTOC)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)

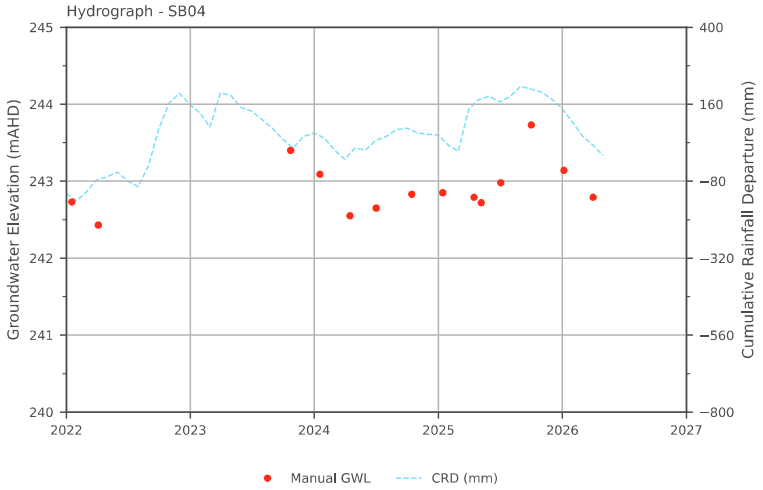

Hydrograph - MD01
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)

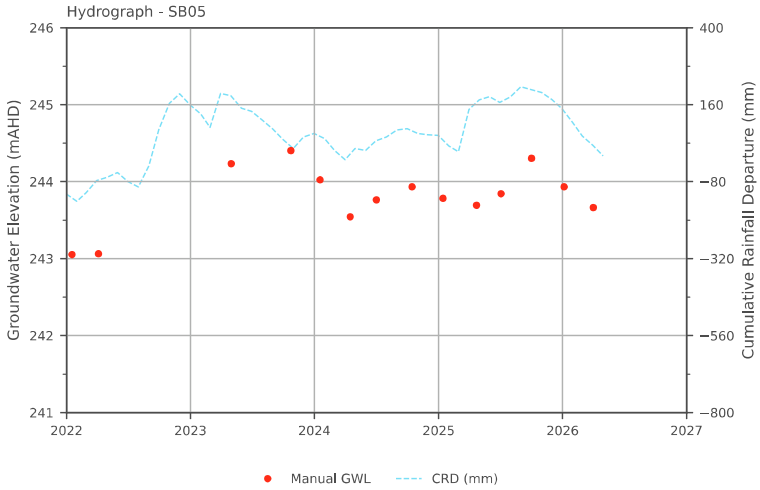

Hydrograph - MD02
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)

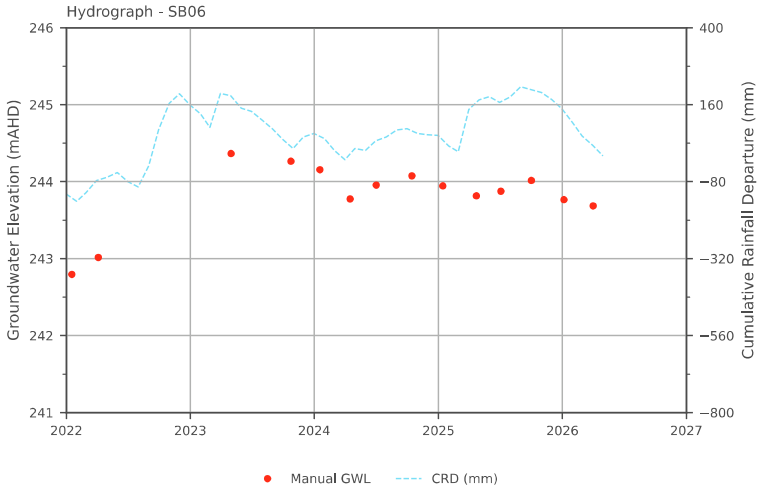

Hydrograph - MD03
Groundwater Elevation (mbTOC)
Cumulative Rainfall Departure (mm)
18
17
16
15
14
13
400
160
−80
−320
−560
−800
Jan-24
Jul-24
Jan-25
Jul-25
Jan-26
Jul-26
Manual GWL
CRD (mm)

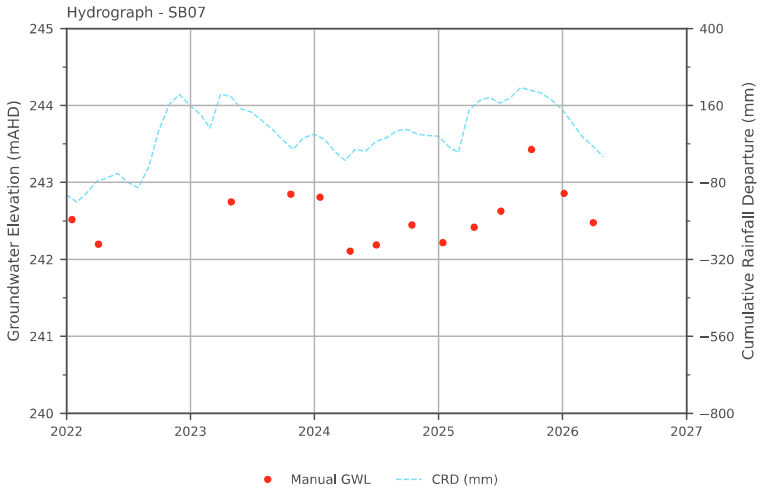

Hydrograph - SB01
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
246
245
244
243
242
241
400
160
−80
−320
−560
−800
2022
2023
2024
2025
2026
2027
Manual GWL
CRD (mm)

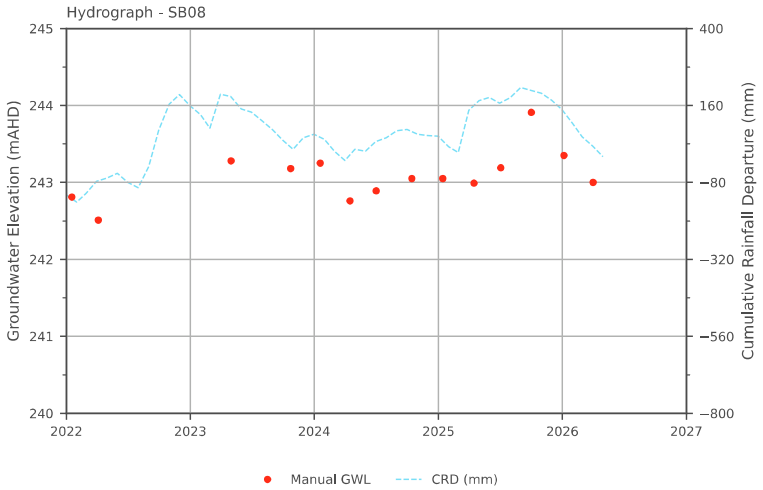

Hydrograph - SB02
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
246
244
242
240
238
236
234
232
400
240
80
−80
−240
−400
−560
−720
2022
2023
2024
2025
2026
2027
Manual GWL
CRD (mm)

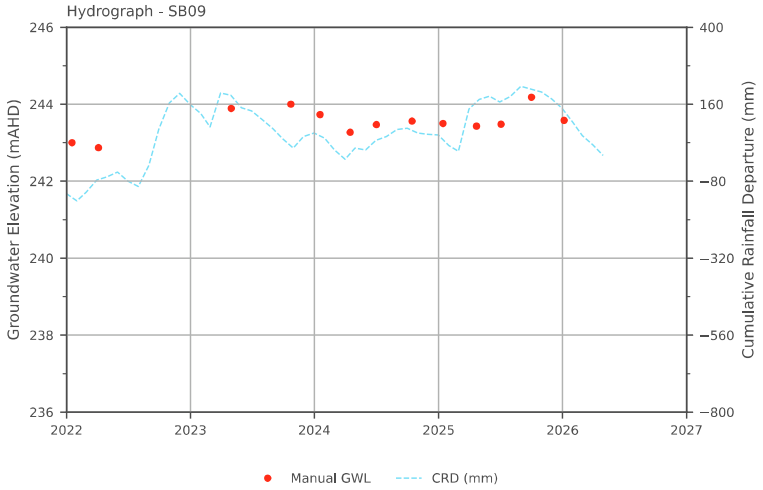

Hydrograph - SB04
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
245
244
243
242
241
240
400
160
−80
−320
−560
−800
2022
2023
2024
2025
2026
2027
Manual GWL
CRD (mm)

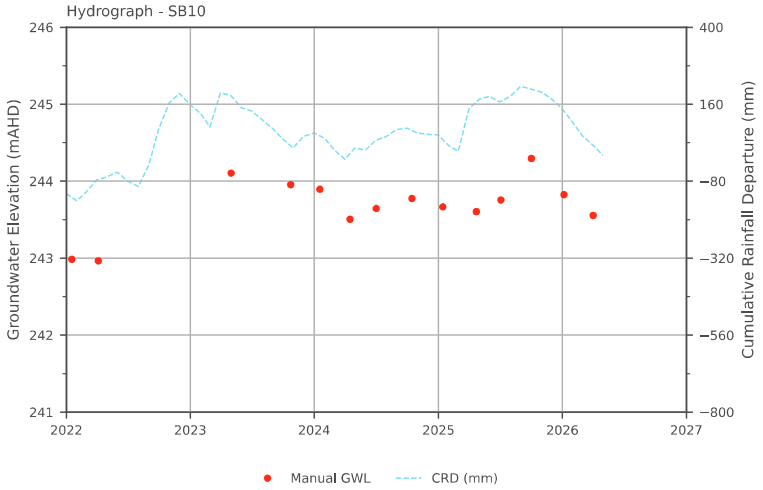

Hydrograph - SB05
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
246
245
244
243
242
241
400
160
−80
−320
−560
−800
2022
2023
2024
2025
2026
2027
Manual GWL
CRD (mm)

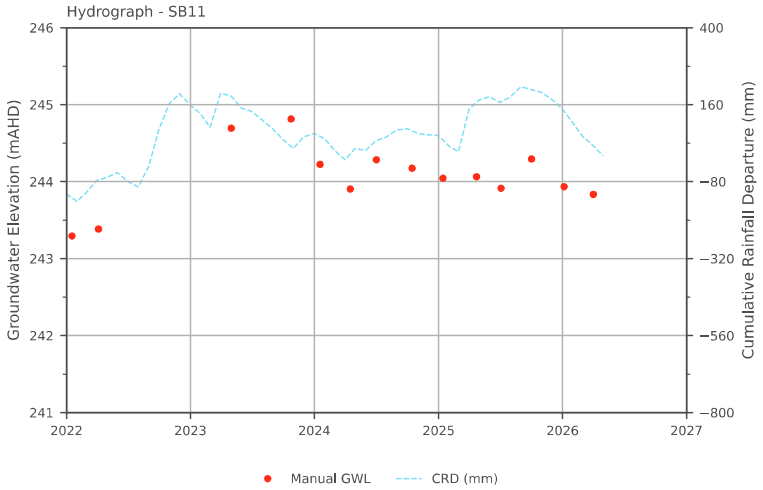

Hydrograph - SB06
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
246
245
244
243
242
241
400
160
−80
−320
−560
−800
2022
2023
2024
2025
2026
2027
Manual GWL
CRD (mm)

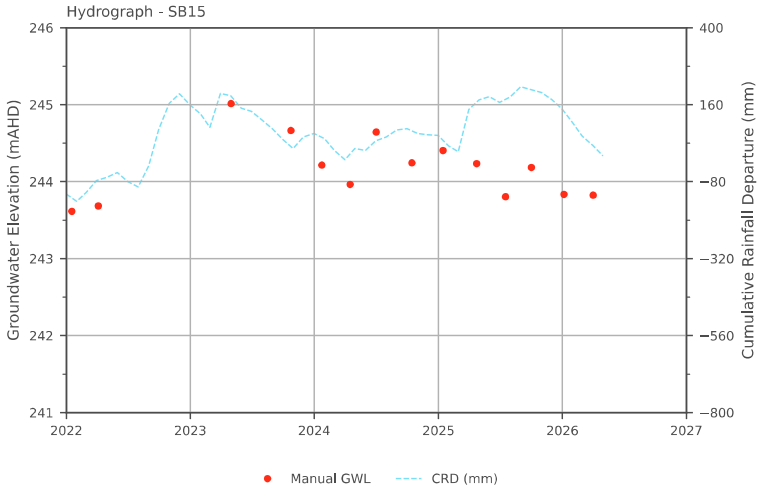

Hydrograph - SB07
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
245
244
243
242
241
240
400
160
−80
−320
−560
−800
2022
2023
2024
2025
2026
2027
Manual GWL
CRD (mm)

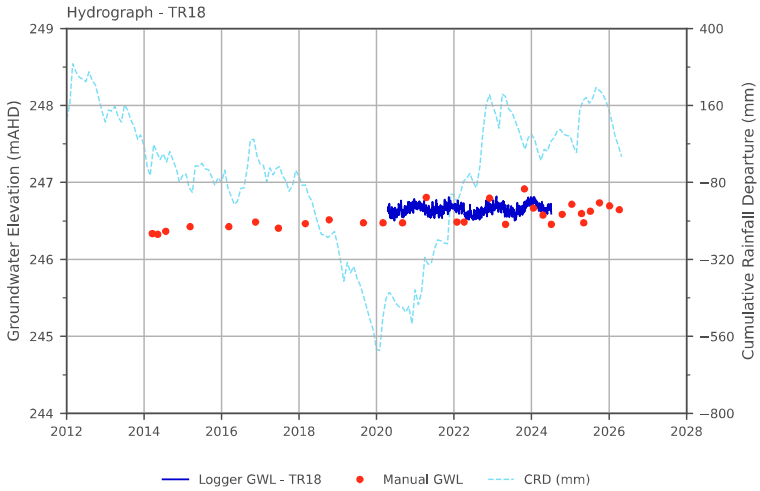

Hydrograph - SB08
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
245
244
243
242
241
240
400
160
−80
−320
−560
−800
2022
2023
2024
2025
2026
2027
Manual GWL
CRD (mm)

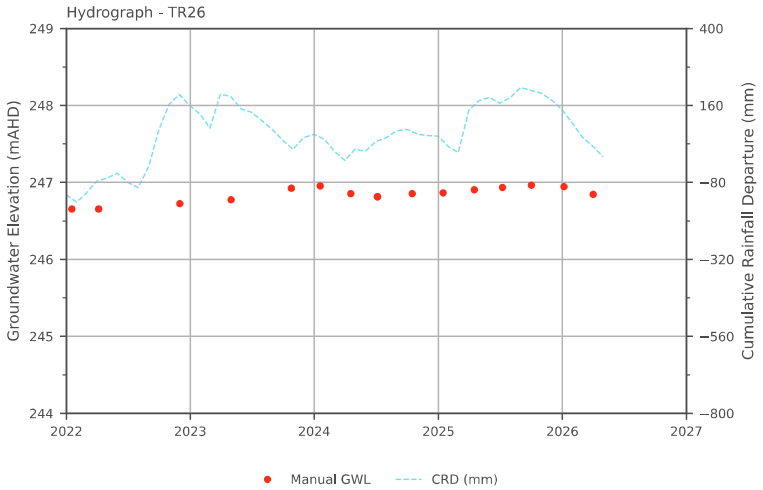

Hydrograph - SB09
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
246
244
242
240
238
236
400
160
−80
−320
−560
−800
2022
2023
2024
2025
2026
2027
Manual GWL
CRD (mm)

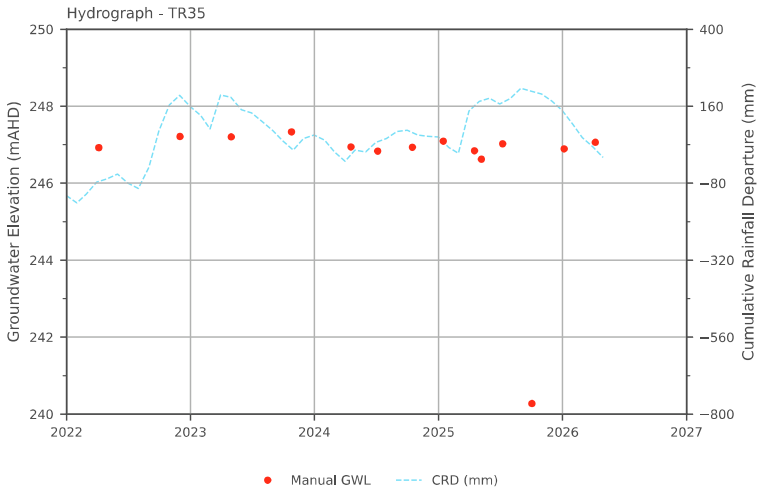

Hydrograph - SB10
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
246
245
244
243
242
241
400
160
−80
−320
−560
−800
2022
2023
2024
2025
2026
2027
Manual GWL
CRD (mm)

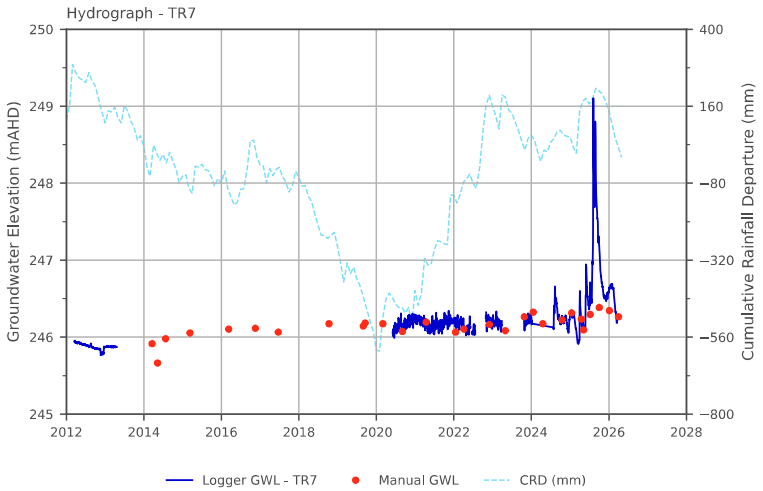

Hydrograph - SB11
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
246
245
244
243
242
241
400
160
−80
−320
−560
−800
2022
2023
2024
2025
2026
2027
Manual GWL
CRD (mm)

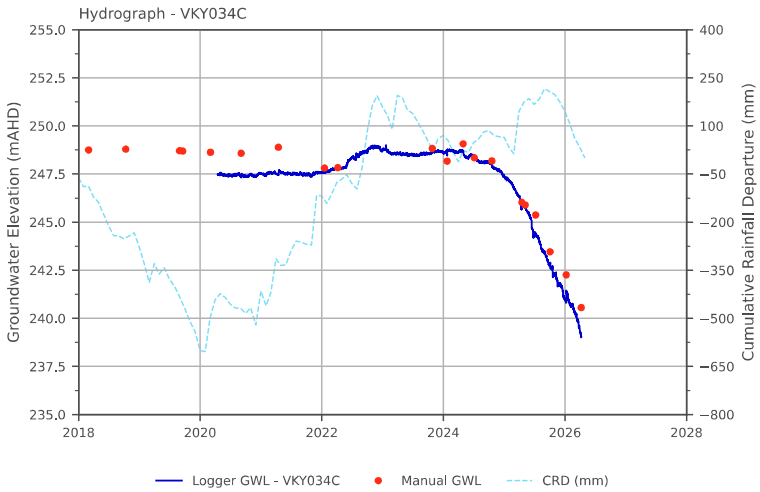

Hydrograph - SB15
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
246
245
244
243
242
241
400
160
−80
−320
−560
−800
2022
2023
2024
2025
2026
2027
Manual GWL
CRD (mm)

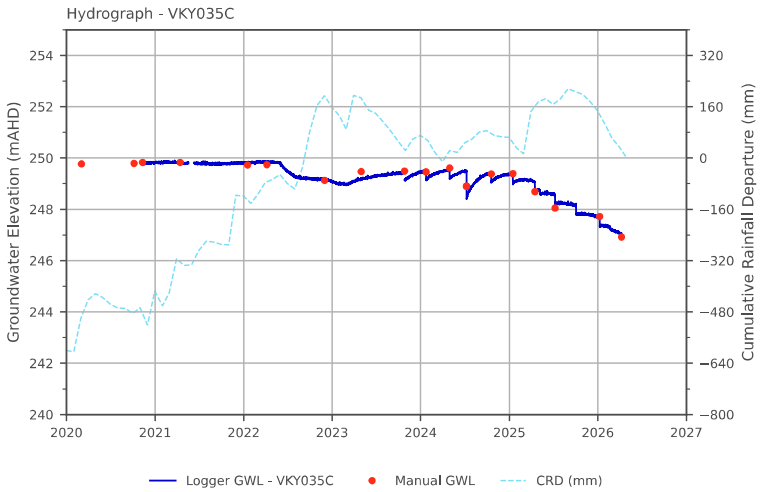

Hydrograph - TR18
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - TR18
Manual GWL
CRD (mm)

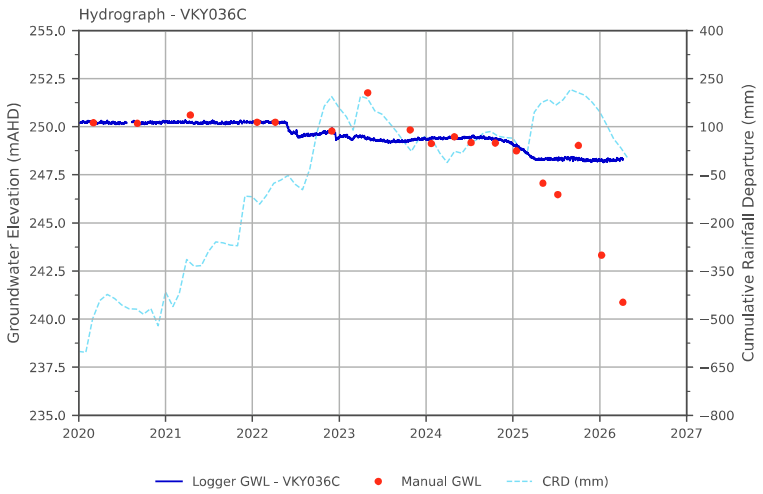

Hydrograph - TR26
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)

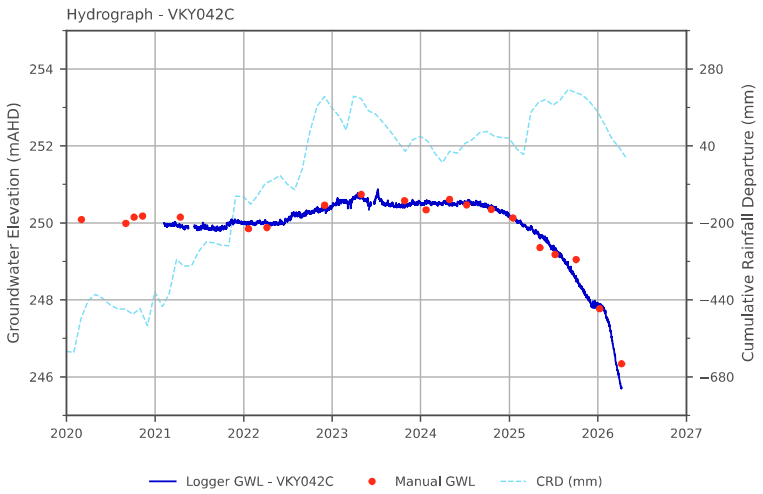

Hydrograph - TR35
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)

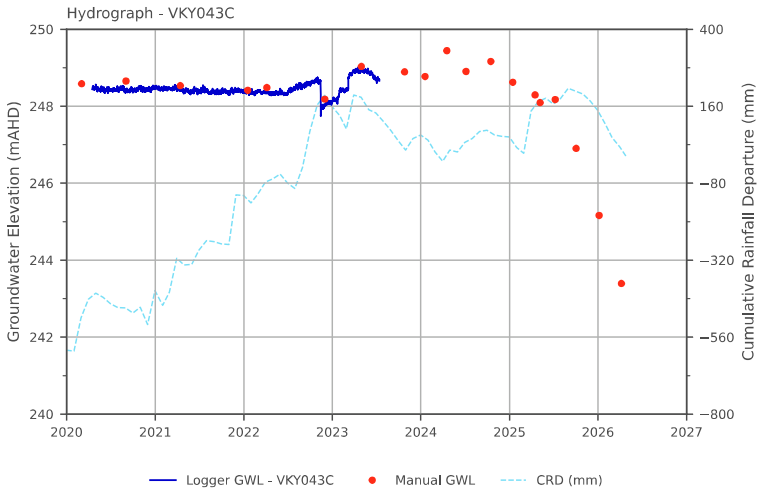

Hydrograph - TR7
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - TR7
Manual GWL
CRD (mm)

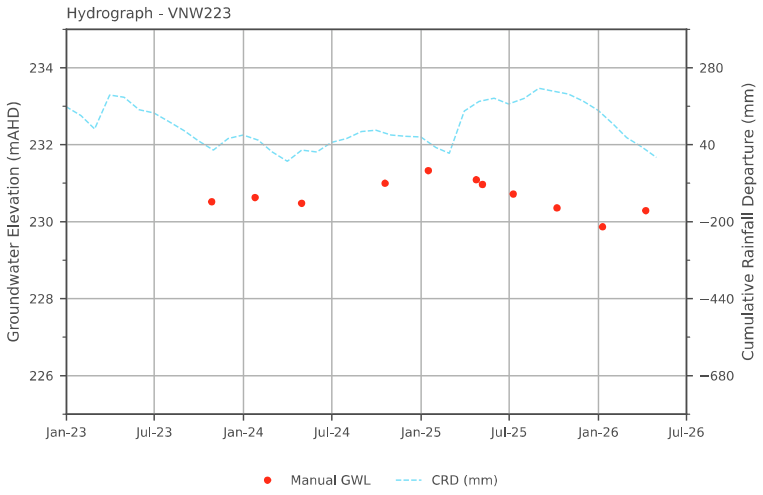

Hydrograph - VKY034C
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - VKY034C
Manual GWL
CRD (mm)

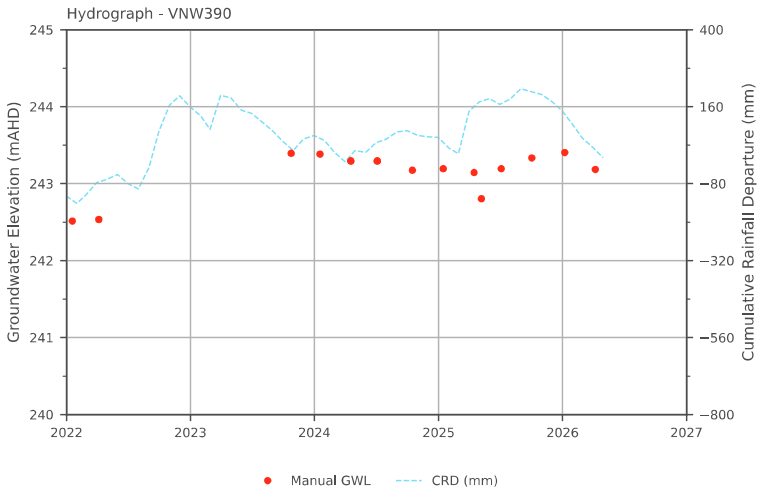

Hydrograph - VKY035C
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - VKY035C
Manual GWL
CRD (mm)

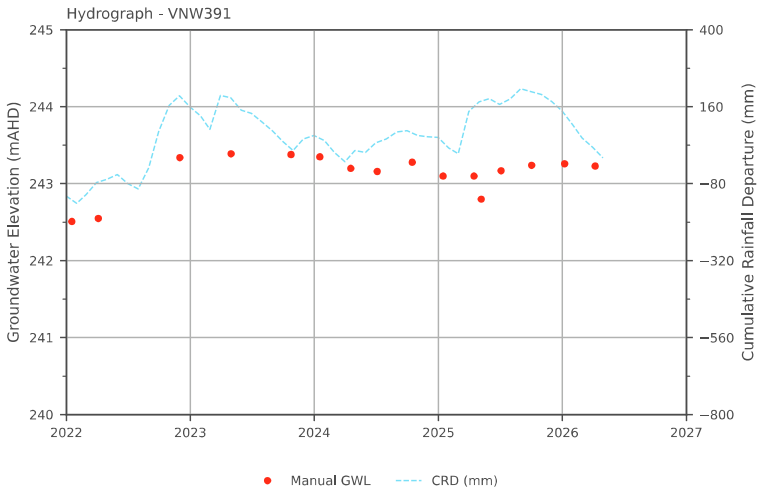

Hydrograph - VKY036C
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - VKY036C
Manual GWL
CRD (mm)

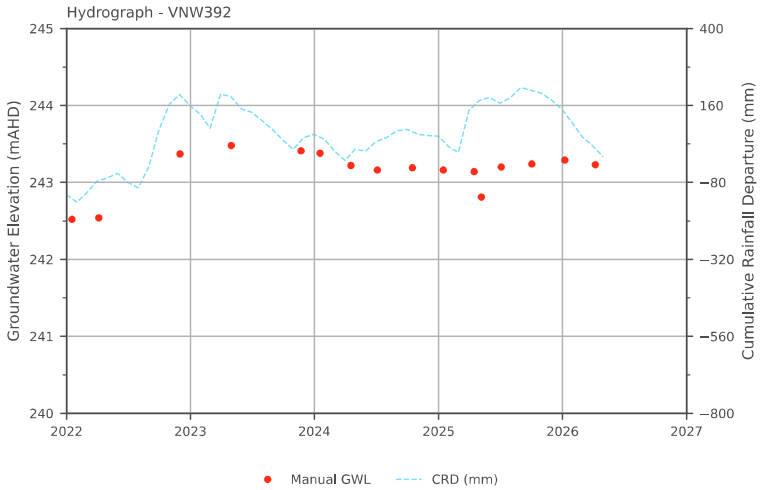

Hydrograph - VKY042C
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - VKY042C
Manual GWL
CRD (mm)


Hydrograph - VKY043C
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - VKY043C
Manual GWL
CRD (mm)

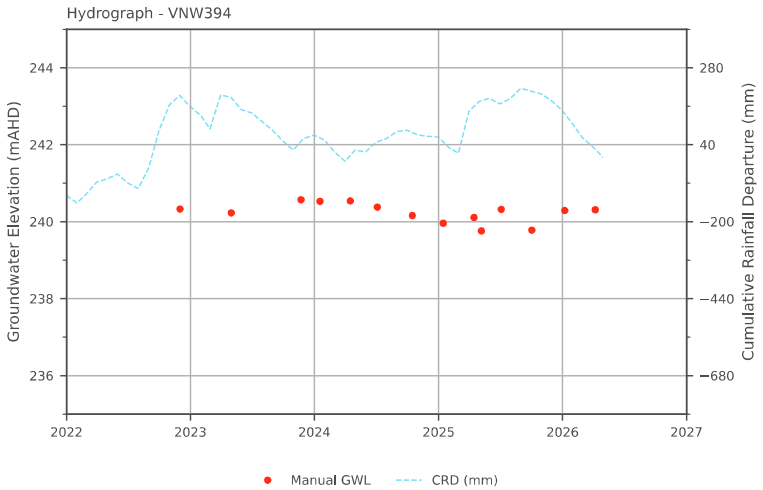

Hydrograph - VNW223
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)

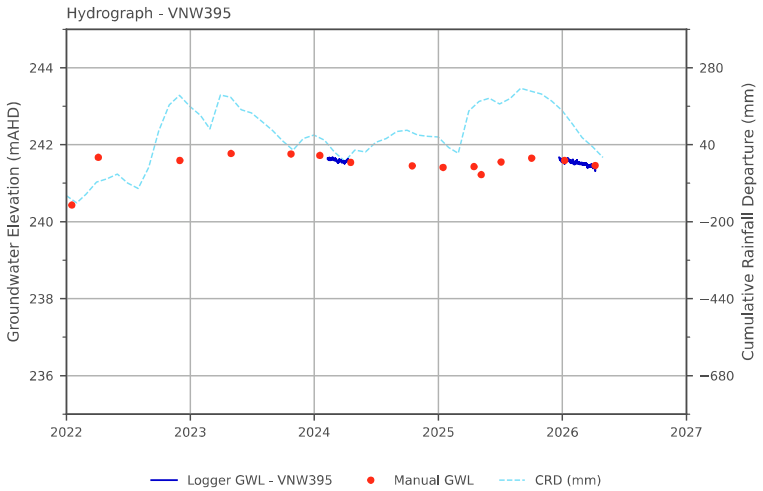

Hydrograph - VNW390
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)

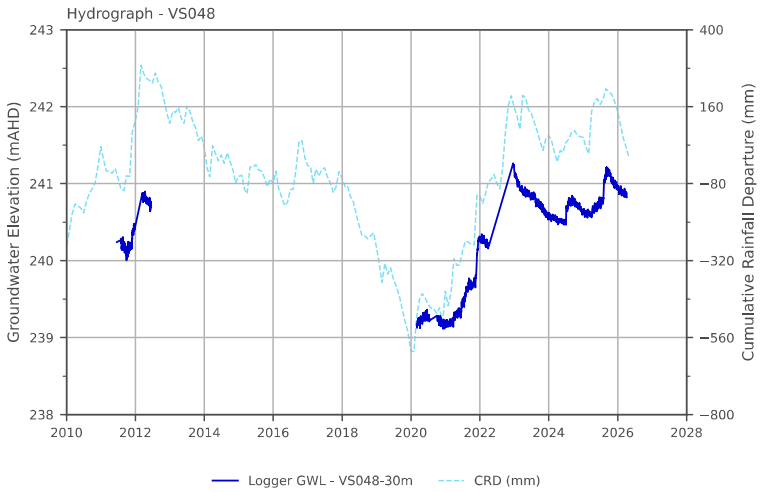

Hydrograph - VNW391
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)

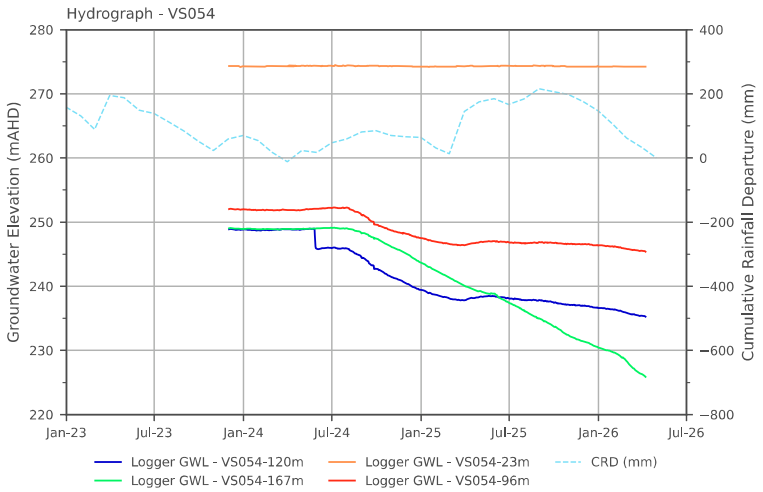

Hydrograph - VNW392
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)

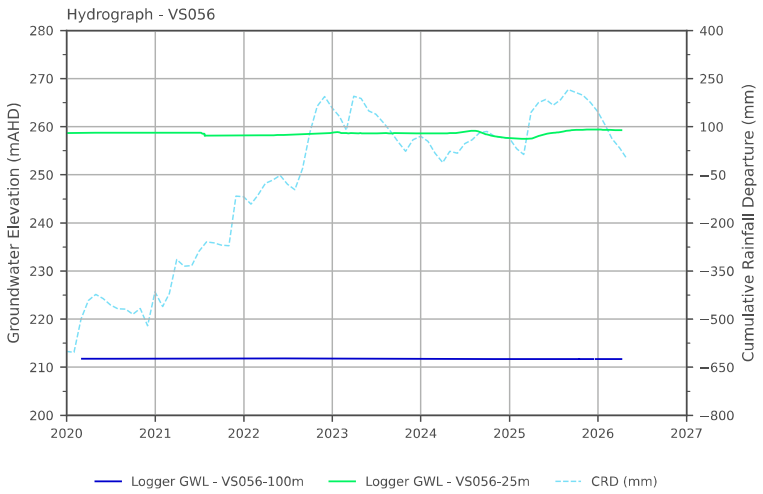

Hydrograph - VNW393
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)

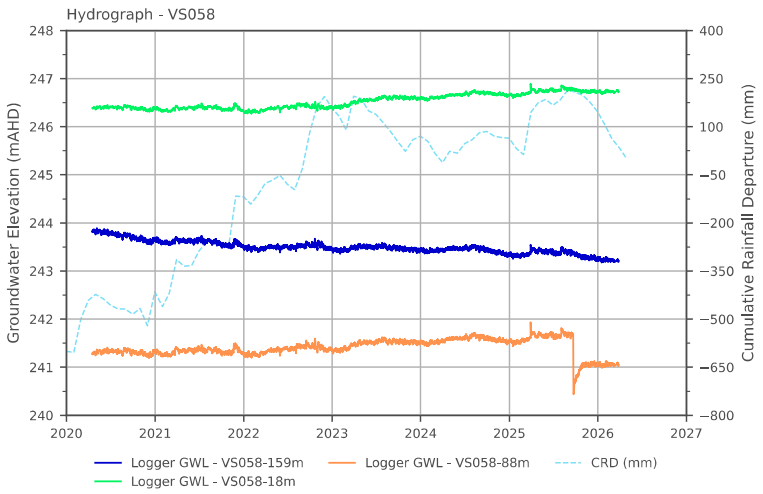

Hydrograph - VNW394
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Manual GWL
CRD (mm)

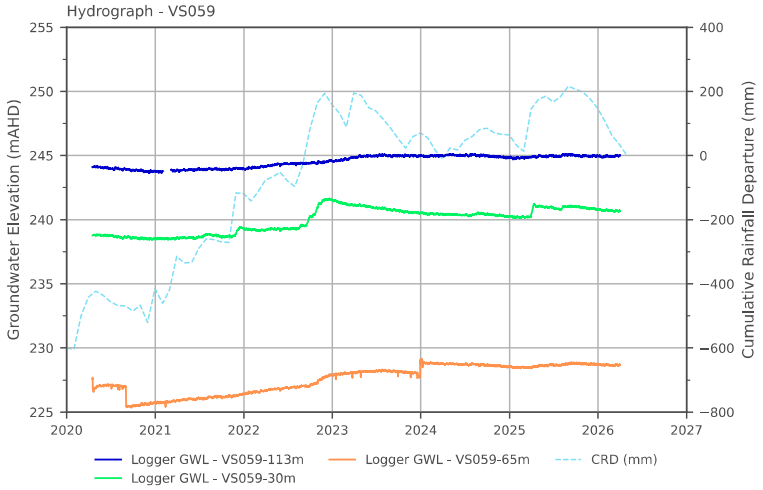

Hydrograph - VNW395
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - VNW395
Manual GWL
CRD (mm)

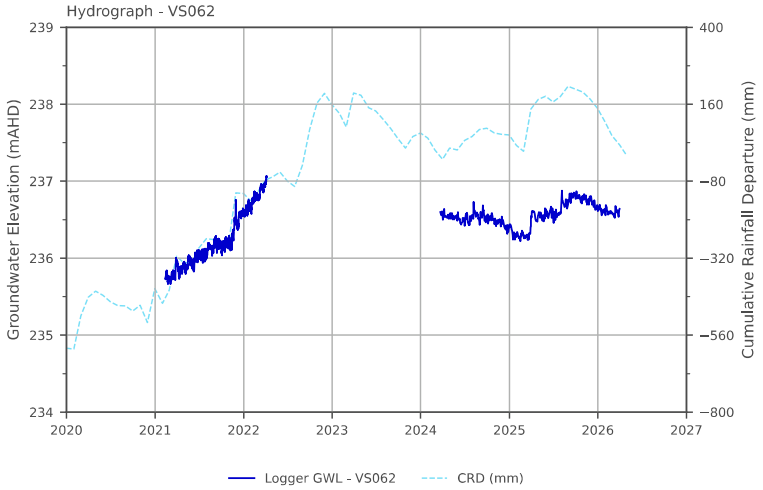

Hydrograph - VS048
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - VS048-30m
CRD (mm)

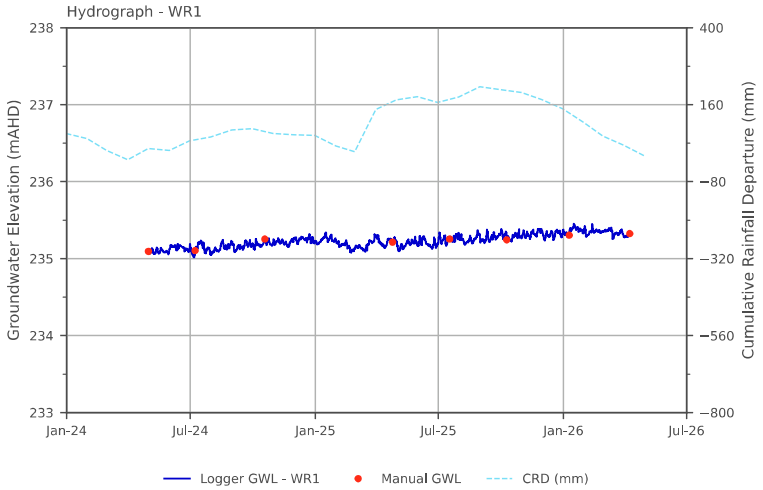

Hydrograph - VS054
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - VS054-120m
Logger GWL - VS054-23m
CRD (mm)
Logger GWL - VS054-167m
Logger GWL - VS054-96m

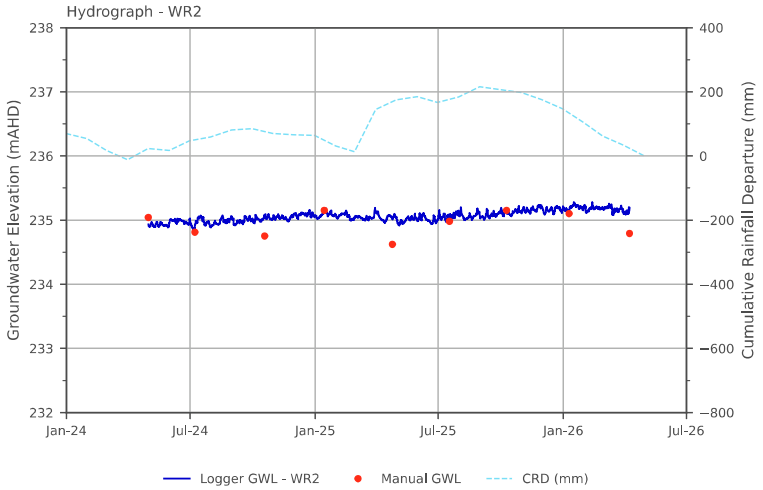

Hydrograph - VS056
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - VS056-100m
Logger GWL - VS056-25m
CRD (mm)


Hydrograph - VS058
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - VS058-159m
Logger GWL - VS058-88m
CRD (mm)
Logger GWL - VS058-18m


Hydrograph - VS059
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - VS059-113m
Logger GWL - VS059-65m
CRD (mm)
Logger GWL - VS059-30m


Hydrograph - VS062
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - VS062
CRD (mm)


Hydrograph - WR1
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - WR1
Manual GWL
CRD (mm)


Hydrograph - WR2
Groundwater Elevation (mAHD)
Cumulative Rainfall Departure (mm)
Logger GWL - WR2
Manual GWL
CRD (mm)

Appendix C Groundwater Quality Results

Vickery Extension Project Groundwater Monitoring Report

Quarterly Review February 2026 – April 2026

Whitehaven Coal Ltd

SLR Project No.: 640.031099.00001

23 June 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_2S 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	

Sample Location	Date	pH - Field	EC - Field (µS)	Temperature	Redox	Odour	Appearance	Colour	Comments
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_2S 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 cleanning 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

Sample Location	Date	pH - Field	EC - Field (µS)	Temperature	Redox	Odour	Appearance	Colour	Comments
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	1/07/2024 14:28	-	-	-	-	-	-	-	-
SB02	1/07/2024 14:04	7.2	6860	20.3	-109	Nil	Slightly Turbid	Brown	-
GW01	1/07/2024 13:42	7.2	1052	19.1	-32	Nil	Clear	Clear	-
SB15	1/07/2024 13:25	7.3	1049	19.6	8	Nil	Clear	Clear	-
SB06	1/07/2024 12:36	7.56	3440	18.6	-56	Nil	Turbid	Brown	Turbid brown
SB11	1/07/2024 13:05	7.77	461	17.9	-11	Nil	Clear	Clear	-
SB10	1/07/2024 12:01	7.5	1928	18	-23	Nil	Clear	Clear	Black particulate
SB05	1/07/2024 12:18	7.58	3490	18.6	-126	Nil	Clear	Clear	-
SB09	1/07/2024 11:40	7.52	1013	18.4	-84	Nil	Clear	Clear	Black particulate
SB01	1/07/2024 11:15	7.21	1756	17.6	-134	Nil	Clear	Clear	Black particulate
SB04	1/07/2024 10:07	7.12	2390	15.5	-204	H2S	Clear	Clear	H2S
SB08	1/07/2024 10:16	7.29	1088	16.9	-132	Nil	Clear	Clear	-
SB07	1/07/2024 9:51	7.22	978	15.8	28	Nil	Clear	Clear	-
GW02	1/07/2024 9:00	7.23	1065	14.4	151	Nil	Clear	Clear	-
VS062	1/07/2024 8:44	-	-	-	-	-	-	-	-
VS059	1/07/2024 13:25	-	-	-	-	-	-	-	-
VS056	4/07/2024 12:50	-	-	-	-	-	-	-	-
	4/07/2024 12:55	-	-	-	-	-	-	-	-
MD01	4/07/2024 12:45	9.59	1505	19.6	-244	-	Slightly Turbid	Brown	H2S; Vegetable matter
VS048	4/07/2024 11:55	-	-	-	-	-	-	-	-
VS054	4/07/2024 12:15	-	-	-	-	-	-	-	Comm Port 25 (V3.66)
MD02	4/07/2024 12:24	6.57	1224	19.9	-117	-	Clear	Clear	Black particulate; vegetable matter
GW03	1/07/2024 10:45	7.36	947	15.7	-143	-	Clear	Clear	Slight H2S
TR26	5/07/2024 9:37	6.69	7330	20.4	-	-	Slightly Turbid	Brown	
TR7	5/07/2024 10:27	6.82	15380	17.9	-	-	Clear	Clear	
TR18	5/07/2024 10:53	6.64	15350	17.2	-	-	Slightly Turbid	Brown	
TR35	5/07/2024 12:02	6.75	17260	18.7	-	-	Clear	Clear	
VKY43C	5/07/2024 11:38	7.85	3290	7.2	-	-	Clear	Clear	
VKY041C	4/07/2024 13:45	-	-	-	-	-	-	-	Battery 53%
	4/07/2024 13:45	-	-	-	-	-	-	-	Battery 34%
VKY042C	8/07/2024 15:02	6.65	5990	19.5	-13	-	Clear	Clear	
VKY33C	5/07/2024 12:32	-	-	-	-	-	-	-	Lithium 34%
	5/07/2024 12:32	-	-	-	-	-	-	-	Lithium 37.1%
VKY035C	8/07/2024 13:25	6.9	3290	20.6	-88	-	Clear	Clear	-
VKY034C	5/07/2024 12:40	7.25	4170	19.3	-	-	Slightly Turbid	Grey	Slightly turbid; too turbid to filter, lab to filter; Grey
VKY036C	8/07/2024 14:27	7.19	5830	20.5	-111	-	Clear	Clear	-
VKY3053C	5/07/2024 8:31	-	-	-	-	-	-	-	Lithium
VNW390	4/07/2024 9:45	6.84	2473	17.7	-117	-	Clear	Clear	
VNW391	4/07/2024 11:03	6.81	2458	19.2	-134	-	Clear	Clear	

Sample Location	Date	pH - Field	EC - Field (µS)	Temperature	Redox	Odour	Appearance	Colour	Comments
VNW392	4/07/2024 11:24	6.51	3510	19.6	-78	-	Clear	Clear	Slight H2S odor, black particulate
VNW393	4/07/2024 8:45	7.13	3090	18.4	104	-	Clear	Clear	
VNW394	4/07/2024 8:28	6.62	5620	18.2	227	-	Slightly Turbid	Grey	
VNW395	4/07/2024 10:27	7.61	1832	18.5	-4	-	Clear	Clear	Logger not responding
GW036459	-	-	-	-	-	-	-	-	No access - WaterNSW locked bore
GW-8	5/07/2024 8:00	6.49	4100	12.5	-	-	Slightly Turbid	Brown	
GW-7	5/07/2024 10:39	8.67	4710	18.1	135	-	Clear	Clear	
VWN223	5/07/2024 12:58	-	-	-	-	-	-	-	Blocked at 1.38mboc
GW-11	8/07/2024 12:20	6.09	4760	18.8	-54		Slightly Turbid	Brown	
GW-9	8/07/2024 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	8/07/2024 0:00	6.47	26800	18.2	254	-	Slightly Turbid	Brown	
WR2	8/07/2024 0:00	6.52	26600	17	10	-	Slightly Turbid	Brown	
VKY GW Duplicate 1 - VNW390	4/07/2024 0:00	6.69	2366	19	-111	-	Clear	Clear	
VKY GW Duplicate 2 - TR26	5/07/2024 0:00	7.03	7330	20.4	-	-	Slightly Turbid	Brown	
VKY GW Blank	1/07/2024 0:00	7.1	2315	14.4	-124	-	Clear	Clear	
VKY GW Lab Split Dup 1 - VNW393	4/07/2024 0:00	6.97	3270	20.5	-85	-	Clear	Clear	
VKY GW Lab Split Dup 2 - VKY035C	8/07/2024 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	

Sample Location	Date	pH - Field	EC - Field (µS)	Temperature	Redox	Odour	Appearance	Colour	Comments
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	-

Sample Location	Date	pH - Field	EC - Field (µS)	Temperature	Redox	Odour	Appearance	Colour	Comments
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	

Sample Location	Date	pH - Field	EC - Field (µS)	Temperature	Redox	Odour	Appearance	Colour	Comments
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	9/07/2025 11:57	6.62	4570	21.2	90	NIL	Clear	Colourless	
GW-13	9/07/2025 9:20	7.27	1009	19.3	-97	NIL	Clear	Colourless	
GW-14	9/07/2025 13:39	6.99	3710	21.6	68	NIL	Clear	Colourless	
GW-2	9/07/2025 10:58	6.87	1254	19.5	91	NIL	Clear	Colourless	
GW-6	9/07/2025 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	9/07/2025 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	3/07/2025 10:53	7.17	936	16.6	204	NIL	Clear	Colourless	
GW03	3/07/2025 12:52	7.17	909	17.1	68	NIL	Clear	Colourless	
MD01	4/07/2025 11:34	8.22	1969	19.5	-227	NIL	Clear	Colourless	Slight unkwon?
MD02	4/07/2025 12:11	6.71	1250	20.9	-46	NIL	Clear	Colourless	
SB01	3/07/2025 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	3/07/2025 12:12	7.11	2790	18.1	-112	NIL	Clear	Colourless	Slight Medium H2S
SB05	3/07/2025 14:35	7.64	3500	18.1	-68	NIL	Clear	Colourless	
SB06	3/07/2025 14:54	7.63	3240	17.6	-102	NIL	Clear	Colourless	
SB07	3/07/2025 11:25	7.18	925	17.6	191	NIL	Clear	Colourless	
SB08	3/07/2025 12:18	7.39	1153	16.9	17	NIL	Clear	Colourless	
SB09	3/07/2025 14:03	7.47	1027	17.3	-28	NIL	Clear	Colourless	
SB10	3/07/2025 14:18	7.37	2066	18.4	42	NIL	Clear	Colourless	
SB11	3/07/2025 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	8/07/2025 10:45	6.74	14060	19.1	101	NIL	Slightly Turbid	Grey	
TR26	8/07/2025 9:56	7.03	7010	17.9	15	NIL	Clear	Colourless	Lab to filter
TR35	8/07/2025 11:26	6.72	17160	18.4	112	NIL	Clear	Colourless	
TR7	8/07/2025 10:22	6.69	15020	18.9	111	NIL	Clear	Colourless	
VKY035C	8/07/2025 12:45	6.96	3300	20.2	-23	NIL	Clear	Colourless	
VKY036C	8/07/2025 13:26	7.12	5810	20.6	-96	NIL	Slightly Turbid	Colourless	Lab to filter
VKY042C	8/07/2025 14:03	6.70	5550	20.3	-6	NIL	Clear	Colourless	
VKY034C	8/07/2025 12:07	7.06	3950	18.2	-1	NIL	Slightly Turbid	-	Lab to filter
VKY043C	8/07/2025 11:05	7.76	3050	11.8	160	NIL	Clear	Colourless	
VNW223	9/07/2025 12:17	7.00	4060	22.4	61	NIL	Clear	Colourless	
VNW390	4/07/2025 9:17	6.84	2460	17.6	-59	NIL	Clear	Colourless	9.56, slight H2S
VNW391	4/07/2025 10:24	6.96	2420	18.3	107	NIL	Clear	Colourless	
VNW392	4/07/2025 10:40	6.71	3480	18	-30	NIL	Clear	Colourless	
VNW393	4/07/2025 8:45	7.17	3190	16.6	-62	NIL	Clear	Colourless	
VNW394	4/07/2025 8:20	6.76	5440	17.1	-61	NIL	Clear	Colourless	Very slight H2S
VNW395	4/07/2025 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	9/07/2025 10:32	7.83	2920	20.3	3	NIL	Clear	Colourless	
GW-10	9/07/2025 8:35	7.71	1806	17.5	173	NIL	Clear	Colourless	
GW-15	8/07/2025 8:31	8.88	740	15.6	111	NIL	Clear	Colourless	
MD03	4/07/2025 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	7/10/2025 12:45	7	4790	23.1	-68	NIL	Clear	Orange	
GW-13	3/10/2025 11:55	7.26	858	23	-125	NIL	Clear	Orange	
GW-14	3/10/2025 10:30	6.79	4230	22.2	-26	NIL	Clear	Colourless	
GW-2	3/10/2025 11:00	6.99	1386	22.1	74	NIL	Clear	Colourless	
GW-6	3/10/2025 11:45	-	-	-	-	-	-	-	NO ACCESS - CROPPED
GW-7	9/10/2025 11:07	8.26	3960	22.1	90	NIL	Clear	Colourless	
GW-8	9/10/2025 10:28	7.19	3370	22	-138	Slight	-	-	Slight unknown
GW-9	7/10/2025 13:38	7.31	403	21.7	-128	NIL	Clear	Orange	
GW01	1/10/2025 13:14	7.27	914	23.6	-23	NIL	Clear	Colourless	Suspended black particles
GW02	1/10/2025 9:01	7.38	981	22.7	203	NIL	Clear	Colourless	
GW03	1/10/2025 10:43	7.28	896	22.6	130	NIL	Clear	Black	

Sample Location	Date	pH - Field	EC - Field (µS)	Temperature	Redox	Odour	Appearance	Colour	Comments
MD01	2/10/2025 11:15	8.45	1737	23.5	-252	Slight	Slightly Turbid	Colourless	Grout odour
MD02	2/10/2025 11:47	6.84	1347	23	-45	NIL	Clear	Colourless	
SB01	1/10/2025 11:12	7.25	1702	22.4	-41	NIL	Clear	Colourless	
MD03	1/10/2025 14:20	7.25	4880	24.3	22	NIL	Clear	Colourless	
SB02	1/10/2025 13:35	7.29	7020	24.3	-88	NIL	Clear	Colourless	
SB04	1/10/2025 9:59	7.45	2067	23.3	-37	NIL	Clear	Colourless	
SB05	1/10/2025 12:02	7.8	3540	24.4	-34	NIL	Clear	Colourless	
SB06	1/10/2025 12:21	7.91	2550	22.9	-132	NIL	Turbid	Grey	Too turbid to filter/lab to filter
SB07	1/10/2025 9:32	7.45	951	24.6	199	NIL	Clear	Colourless	Shown as TR7
SB08	1/10/2025 10:11	7.52	1041	21.6	99	NIL	Clear	Colourless	
SB09	1/10/2025 11:27	7.62	1045	22	11	NIL	Clear	Black	Black particulate
SB10	1/10/2025 11:48	7.44	1681	22.7	-31	NIL	Clear	Colourless	
SB11	1/10/2025 12:37	7.73	1159	25.1	95	NIL	Clear	Colourless	
SB15	1/10/2025 13:35	7.35	1087	23.7	127	NIL	Clear	Colourless	
TR18	2/10/2025 13:35	6.83	1352	21.8	13	NIL	Turbid	Black	
TR26	1/10/2025 15:20	6.86	7040	23.9	137	NIL	Slightly Turbid	Black	
TR35	2/10/2025 14:15	6.93	16950	22.4	134	NIL	Clear	Colourless	
TR7	1/10/2025 15:40	6.95	15510	21.9	96	NIL	Slightly Turbid	Grey	Too turbid to filter/lab to filter
VKY035C	3/10/2025 8:41	6.95	3340	21	-44	NIL	-	-	
VKY036C	3/10/2025 9:05	7.1	5920	22.4	-85	NIL	Clear	Grey	
VKY042C	3/10/2025 9:40	6.64	5780	21.9	-6	NIL	Clear	Colourless	
VKY034C	3/10/2025 8:05	7.06	3870	18	21	NIL	Turbid	Grey	
VKY041C	1/10/2025 14:53	-	-	-	-	-	-	-	
VKY041C	1/10/2025 14:55	-	-	-	-	-	-	-	
VKY043C	2/10/2025 13:53	7.7	3060	22.1	-53	NIL	Clear		
VKY33C	3/10/2025 7:09	-	-	-	-	-	-	-	
VKY33C	3/10/2025 7:09	-	-	-	-	-	-	-	
VKY3053C									Removed by mining process
VNW223	7/10/2025 12:29	7.34	4550	25	137	NIL	Clear	Colourless	Blocked at approx 2 meters?
VNW390	2/10/2025 8:55	6.91	2276	20.1	-87	NIL	Clear	Colourless	
VNW391	2/10/2025 9:42	7.33	2490	22.6	-160	NIL	Clear	Colourless	Suspended vegetable matter
VNW392	2/10/2025 10:15	6.77	3580	21.9	-74	NIL	Clear	Colourless	
VNW393	2/10/2025 8:24	7.17	3210	20.4	-66	NIL	Clear	Colourless	
VNW394	2/10/2025 7:58	6.62	5190	17.6	-25	NIL	Clear	Grey	
VNW395	2/10/2025 9:28	7.49	2580	19.8	-272	Slight	Clear	Colourless	No logger installed, suspended vegetable matter
VS048	2/10/2025 10:55	-	-	-	-	-	-	-	
VS054	2/10/2025 11:35	-	-	-	-	-	-	-	
VS056	2/10/2025 11:10	-	-	-	-	-	-	-	
VS056	2/10/2025 11:12	-	-	-	-	-	-	-	
VS058	1/10/2025 13:55	-	-	-	-	-	-	-	
VS059	1/10/2025 14:05	-	-	-	-	-	-	-	
VS062	1/10/2025 9:39	-	-	-	-	-	-	-	
WR-1	9/10/2025 12:03	6.52	23500	22.7	110	NIL	Clear	Colourless	
WR-2	9/10/2025 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	3/10/2025 11:20	7.97	2960	21.7	-163	NIL	Clear	Colourless	-
GW-10	2/10/2025 14:55	8.37	1950	23.6	54	NIL	Slightly Turbid	Orange	-
GW-15	2/10/2025 12:45	9.15	754	21.6	-59	NIL	Clear	Colourless	-
GW971614	9/10/2025 8:30	6.87	562	20.4	60	NIL	Clear	Colourless	-
GW971400	5/11/2025 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	2/10/2025 12:45	9.16	748	21.5	-58	NIL	Clear	Colourless	-
VKY GW Duplicate 2 - GW-11	7/10/2025 12:45	7	4790	23.1	-68	NIL	Clear	Orange	-
VKY GW Blank	2/10/2025 8:30	8.72	43.8	21.4	6	NIL	Clear	Colourless	-
VKY GW Lab Split Dup 1 - GW-15	2/10/2025 12:45	9.16	758	21.4	-48	NIL	Clear	Colourless	-
VKY GW Lab Split Dup 2 - VKY042C	3/10/2025 9:40	6.71	5840	23.2	-9	NIL	Clear	Colourless	-
GW-11	9/01/2026 11:50	7.2	3610	27.8	-163	NIL	-	-	-
GW-13	8/01/2026 12:15	7.34	628	29	-109	NIL	Clear	Orange	-
GW-14	8/01/2026 8:30	7.01	3210	23.6	-27	NIL	Clear	Colourless	-

Sample Location	Date	pH - Field	EC - Field (µS)	Temperature	Redox	Odour	Appearance	Colour	Comments
GW-2	8/01/2026 13:35	6.85	939	27.8	97	NIL	Clear	Colourless	-
GW-6	8/01/2026 13:06	7.71	1167	27.2	-133	Yes	Clear	Colourless	Odour unknown
GW-7	9/01/2026 10:23	8.45	3510	27.3	73	No	Clear	Colourless	-
GW-8	-	-	-	-	-	-	-	-	Comment invisible
GW-9	9/01/2026 10:57	8.67	1246	26.2	-80	NIL	Slightly Turbid	Orange	-
GW01	5/01/2026 11:30	7.1	612	27.4	-30	NIL	Clear	Colourless	-
GW02	5/01/2026 8:45	7.37	718	25.9	-130	Yes	Turbid	Black/Grey	[illegible]
GW03	5/01/2026 10:25	7.11	635	27.6	6	NIL	Clear	Colourless	-
MD01	7/01/2026 11:31	8.19	1303	29.1	-225	Yes	Clear	Colourless	Sulphur smell
MD02	7/01/2026 11:49	6.76	952	28.3	-70	NIL	Clear	Colourless	-
MD03	5/01/2026 8:05	7.18	3380	23.9	-29	NIL	Clear	Colourless	-
SB01	5/01/2026 10:50	7.1	1194	28.8	-76	NIL	Clear	Colourless	-
SB02	5/01/2026 12:50	7.09	4590	34.2	-119	NIL	Clear	Colourless	-
SB04	5/01/2026 9:50	7.23	1613	25.5	-191	Yes	Clear	Colourless	Smell unknown
SB05	5/01/2026 11:30	8.05	2540	28.6	-34	NIL	Clear	Colourless	-
SB06	5/01/2026 11:46	7.56	2120	28.8	-99	NIL	Clear	Colourless	-
SB07	5/01/2026 9:10	7.31	665	24.9	10	NIL	Clear	Colourless	Logger data saved as TR7 not SB07
SB08	5/01/2026 10:00	7.24	747	24.2	-47	NIL	Clear	Colourless	-
SB09	5/01/2026 11:05	7.37	676	27.6	29	NIL	Clear	Colourless	-
SB10	5/01/2026 11:20	7.4	1319	28.1	50	NIL	Clear	Colourless	-
SB11	5/01/2026 12:00	7.42	762	27.1	37	NIL	Clear	Colourless	-
SB15	5/01/2026 12:16	7.13	741	29.3	81	NIL	Clear	Colourless	-
TR18	5/01/2026 14:10	6.68	9310	30.1	155	NIL	Slightly Turbid	Brown	-
TR26	5/01/2026 13:42	6.86	4440	37	-58	NIL	Clear	Colourless	-
TR35	5/01/2026 14:25	6.64	12090	27.1	178	NIL	Clear	Colourless	-
TR7	5/01/2026 13:55	6.69	11860	26.9	137	NIL	Slightly Turbid	Brown	-
VKY035C	8/01/2026 10:15	7.1	2560	27.2	-83	NIL	Clear	Colourless	-
VKY036C	8/01/2026 11:00	7.07	4410	28.6	-80	NIL	Clear	Colourless	-
VKY042C	8/01/2026 10:37	6.79	4340	28.1	-30	NIL	Clear	Colourless	-
VKY034C	8/01/2026 9:46	7.19	2940	29	-30	NIL	Slightly Turbid	Grey	-
VKY041C	5/01/2026 13:25	-	-	-	-	-	-	-	-
VKY041C	5/01/2026 13:25	-	-	-	-	-	-	-	-
VKY043C	5/01/2026 14:40	7.06	626	25.2	139		Clear	Colourless	-
VKY33C	8/01/2026 9:37	-	-	-	-	-	-	-	-
VKY33C	8/01/2026 9:37	-	-	-	-	-	-	-	-
VNW223	9/01/2026 11:20	7.47	3850	29.6	119	NIL	Slightly Turbid	Grey	-
VNW390	7/01/2026 9:20	6.87	1793	26.4	-56	NIL	Clear	Colourless	-
VNW391	7/01/2026 10:04	7.12	2062	24.8	105	NIL	Clear	Colourless	-
VNW392	7/01/2026 10:24	6.66	2680	26.9	-33	NIL	Clear	Colourless	-
VNW393	7/01/2026 8:50	7.19	2450	25.2	-69	NIL	Clear	Colourless	-
VNW394	7/01/2026 8:30	7.04	4620	23.9	99	NIL	Slightly Turbid	Brown	-
VNW395	7/01/2026 9:45	7.42	1675	28.3	-48	NIL	Clear	Colourless	#684024 is Rogged Troll Sensor
VS048	7/01/2026 10:52	-	-	-	-	-	-	-	-
VS054	7/01/2026 11:49	-	-	-	-	-	-	-	-
VS056	7/01/2026 11:10	-	-	-	-	-	-	-	-
VS056	7/01/2026 11:10	-	-	-	-	-	-	-	-
VS058	5/01/2026 13:05	-	-	-	-	-	-	-	-
VS059	8/01/2026 8:04	-	-	-	-	-	-	-	Battery checked on at 36 V but yellow flashing
VS062	5/01/2026 9:32	-	-	-	-	-	-	-	-
WR-1	9/01/2026 10:00	6.69	20500	26.4	164	NIL	Clear	Colourless	-
WR-2	9/01/2026 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	8/01/2026 12:47	7.86	2050	31.5	-150	Yes	Clear	Colourless	Over grown with Box Thorn; Odour unknown
GW-10	8/01/2026 11:45	7.97	1191	30.1	76	NIL	Clear	Orange	-
GW-15	9/01/2026 12:30	9.15	591	26.7	18	NIL	Clear	Colourless	-
Lanreef 1	9/01/2026 7:02	-	-	-	-	-	-	-	Dip only
GW971614	9/01/2026 7:01	7.04	2080	21	72	NIL	Clear	Colourless	No dip
GW971400	9/01/2026 7:20	7.1	2100	20.7	61	NIL	Clear	Colourless	-

Sample Location	Date	pH - Field	EC - Field (µS)	Temperature	Redox	Odour	Appearance	Colour	Comments
VKY GW Duplicate 1 - GW-6	8/01/2026 13:06	7.71	1167	27.2	-133	Yes	Clear	Orange	Odour unknown
VKY GW Duplicate 2 - GW-7	9/01/2026 10:23	8.95	3570	27.3	93	NIL	Clear	Colourless	-
VKY GW Blank	5/01/2026 8:00	7.83	37.4	22.2	162	NIL	Clear	Colourless	-
7.08+C547:I547	8/01/2026 11:45	7.97	1171	30.1	76	NIL	Clear	Orange	-
VKY GW Lab Split Dup 2 - GW-13	8/01/2026 12:15	7.34	628	29	-109	NIL	Clear	Orange	-
GW-11	8/04/2026 11:24	7.08	4.88	22.6	-104	NIL	Slightly Turbid	Orange	-
GW-13	7/04/2026 12:29	7.28	858	26.3	-119	NIL	Slightly Turbid	Orange	-
GW-14	8/04/2026 10:28	7.14	3.85	26.1	134	NIL	Clear	Colourless	-
GW-2	7/04/2026 13:32	6.85	1271	27.2	102	NIL	Clear	Colourless	-
GW-6	7/04/2026 13:11	7.62	1792	26.9	-130	NIL	Clear	Colourless	-
GW-7	8/04/2026 9:38	8.25	4.49	27.5	16	NIL	Clear	Colourless	-
GW-8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	GW-8 Decomissioned due to pit progression
GW-9	8/04/2026 10:54	8.27	1986	25.4	50	NIL	Slightly Turbid	Orange	-
GW01	1/04/2026 12:20	7.46	1446	24.4	27	NIL	Clear	Colourless	-
GW02	1/04/2026 8:37	7.58	962	20.1	49	NIL	Clear	Colourless	-
GW03	1/04/2026 10:08	7.28	911	21.6	-74	NIL	Clear	Colourless	-
MD01	8/04/2026 8:15	8.24	1740	21.9	-168	NIL	Clear	Colourless	-
MD02	8/04/2026 7:25	6.69	1308	20.5	-11	NIL	Clear	Colourless	-
MD03	1/04/2026 8:00	7.26	4.66	19.8	11	NIL	Clear	Colourless	-
SB01	1/04/2026 10:58	7.3	1760	23	-72	NIL	Clear	Colourless	-
SB02	1/04/2026 12:39	7.29	8.31	24.9	-78	NIL	Clear	Colourless	-
SB04	1/04/2026 9:40	7.57	2231	20.7	-114	Yes	Slightly Turbid	Colourless	H2S Odour
SB05	1/04/2026 11:13	7.7	3.68	25.1	-111	NIL	Clear	Grey	-
SB06	1/04/2026 11:50	7.69	3.29	27	-123	NIL	Slightly Turbid	Colourless	-
SB07	1/04/2026 9:01	7.75	968	19.9	87	NIL	Clear	Grey	-
SB08	1/04/2026 9:45	7.57	1088	21.8	-36	NIL	Clear	Colourless	-
SB09	1/04/2026 10:43	7.53	1008	25.2	22	NIL	Clear	Colourless	Black suspended material
SB10	1/04/2026 11:27	7.62	1806	25.7	2	NIL	Clear	Colourless	-
SB11	1/04/2026 11:38	7.66	1163	25.6	26	NIL	Clear	Colourless	-
SB15	1/04/2026 12:07	7.35	1085	25	44	NIL	Clear	Colourless	-
TR18	7/04/2026 11:43	6.92	13.27	26.8	67	NIL	Slightly Turbid	Brown	-
TR26	1/04/2026 13:44	7.14	7.84	28.1	46	NIL	Slightly Turbid	Brown	-
TR35	7/04/2026 11:11	6.83	16.99	25.1	119	NIL	Clear	Colourless	-
TR7	1/04/2026 13:56	6.97	15.76	24.1	-20	NIL	Slightly Turbid	Brown	-
VKY035C	8/04/2026 13:18	7.07	3.28	31.7	-59	NIL	Clear	Colourless	-
VKY036C	8/04/2026 13:38	7.28	5.68	32.1	-102	NIL	Clear	Colourless	-
VKY042C	8/04/2026 14:00	6.93	5.44	28.9	-20	NIL	Clear	Colourless	-
VKY034C	8/04/2026 12:54	7.31	3.72	30.7	-35	NIL	Slightly Turbid	Grey	-
VKY043C	7/04/2026 11:26	6.95	7.96	24.4	-41	NIL	Clear	Colourless	-
VNW223	8/04/2026 12:03	7.07	5.7	29.8	70	NIL	Slightly Turbid	Grey	-
VNW390	7/04/2026 8:43	7.05	2424	21.6	-48	NIL	Clear	Colourless	-
VNW391	7/04/2026 9:30	7.17	2.65	21.4	124	NIL	Clear	Colourless	-
VNW392	7/04/2026 9:43	6.83	3.59	22.3	-64	NIL	Clear	Colourless	-
VNW393	7/04/2026 8:17	7.4	3.24	20.7	-91	NIL	Clear	Colourless	-
VNW394	7/04/2026 7:52	7.05	5.89	20	-40	NIL	Slightly Turbid	Grey	-
VNW395	7/04/2026 9:01	7.61	2458	21.8	110	NIL	Clear	Colourless	Logger D/L 8/4/26
WR-1	8/04/2026 9:55	6.65	27.1	23.7	159	NIL	Clear	Colourless	-
WR-2	8/04/2026 9:13	6.63	26.12	23.1	42	NIL	Clear	Grey	-
GW03	13/04/2026 14:58	7.12	936	22.4	138	NIL	Clear	Colourless	-
GW-4	7/04/2026 12:48	7.87	3.02	25.1	-97	NIL	Clear	Colourless	-
GW-10	7/04/2026 12:09	7.78	1625	24.7	55	NIL	Clear	Orange	-
GW-15	7/04/2026 10:44	9.08	812	23.4	6	NIL	Clear	Colourless	-
GW971614	13/04/2026 8:14	6.77	-	18.7	194	NIL	Clear	Colourless	-
GW971400	13/04/2026 8:49	6.8	-	17	130	NIL	Clear	Colourless	-
VKY GW Duplicate 1 - GW-11	08/04/2026 11:24	7.08	4.88	22.6	-104	NIL	Slightly Turbid	Orange	-
VKY GW Duplicate 2 - GW971614	13/04/2026 0:00	6.77	-	18.7	194	NIL	Clear	Colourless	-
VKY GW Blank	13/04/2026 8:00	8.31	-	14.3	128	NIL	Clear	Colourless	-
VKY GW Lab Split Dup 1 - GW-11	08/04/2026 11:24	7.08	4.88	22.6	-104	NIL	Slightly Turbid	Orange	-
VKY GW Lab Split Dup 2 - GW03	13/04/2026 14:58	7.12	936	22.4	138	NIL	Clear	Colourless	-

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

CERTIFICATE OF ANALYSIS

Work Order	: **EN2605837**	Page	: 1 of 35
Client	: **CBASED ENVIRONMENTAL PTY LTD**	Laboratory	: Environmental Division Newcastle
Contact	: All Deliverables	Contact	:
Address	: Unit 3 2 Enterprise Cres Singleton NSW 2330	Address	: 5/585 Maitland Road Mayfield West NSW Australia 2304
Telephone	: +61 02 6571 3334	Telephone	: +61 2 4014 2500
Project	: Vickery Quarterly Groundwaters	Date Samples Received	: 15-Apr-2026 16:00
Order number	: ----	Date Analysis Commenced	: 17-Apr-2026
C-O-C number	: ----	Issue Date	: 23-Apr-2026 17:06
Sampler	: CBased Environmental		
Site	: Vickery		
Quote number	: SYBQ/403/21v5 and PLANNED EVENTS		
No. of samples received	: 53		
No. of samples analysed	: 53		

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.

Signatories	*Position*	*Accreditation Category*
Ankit Joshi	Senior Chemist - Inorganics	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.

- 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.
- EG035: Positive Mercury result EN2605837 #41 has been confirmed by reanalysis.
- ED041G: LOR raised for Sulfate due to sample matrix
- TDS by method EA-015 sample 1 may bias high due to the presence of fine particulate matter, which may pass through the prescribed GF/C paper.
- EN055: Ionic Balance out of acceptable limits for sample EN2605837-#046 due to analytes not quantified in this report.
- 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)

Compound	CAS Number	LOR	Unit	Sample ID	GW-11 QFKPVVNZ-1	GW-13 QFKPVVNZ-2	GW-14 QFKPVVNZ-3	GW-2 QFKPVVNZ-4	GW-6 QFKPVVNZ-5
				Sampling date / time	08-Apr-2026 11:24	07-Apr-2026 12:29	08-Apr-2026 10:28	07-Apr-2026 13:32	07-Apr-2026 13:11
					EN2605837-001	EN2605837-002	EN2605837-003	EN2605837-004	EN2605837-005
					Result	Result	Result	Result	Result
EA005P: pH by PC Titrator									
pH Value	----	0.01	pH Unit		6.50	7.56	7.18	7.15	7.94
EA010P: Conductivity by PC Titrator									
Electrical Conductivity @ 25°C	----	1	µS/cm		4520	817	3760	1140	1650
EA015: Total Dissolved Solids dried at 180 ± 5 °C									
Total Dissolved Solids @180°C	----	10	mg/L		3590	536	2400	749	1110
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		26	443	573	518	910
Total Alkalinity as CaCO3	----	1	mg/L		26	443	573	518	910
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA									
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L		<1	<1	393	22	<1
ED045G: Chloride by Discrete Analyser									
Chloride	16887-00-6	1	mg/L		1620	27	941	99	70
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		217	34	191	94	14
Magnesium	7439-95-4	1	mg/L		48	12	83	32	7
Sodium	7440-23-5	1	mg/L		643	153	522	148	425
Potassium	7440-09-7	1	mg/L		11	7	3	2	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	0.059	0.040	0.208	0.486
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)

Compound	CAS Number	LOR	Unit	Sample ID	GW-11 QFKPVVNZ-1	GW-13 QFKPVVNZ-2	GW-14 QFKPVVNZ-3	GW-2 QFKPVVNZ-4	GW-6 QFKPVVNZ-5
				Sampling date / time	08-Apr-2026 11:24	07-Apr-2026 12:29	08-Apr-2026 10:28	07-Apr-2026 13:32	07-Apr-2026 13:11
					EN2605837-001	EN2605837-002	EN2605837-003	EN2605837-004	EN2605837-005
					Result	Result	Result	Result	Result
EG020F: Dissolved Metals by ICP-MS - Continued									
Copper	7440-50-8	0.001	mg/L		<0.001	**0.003**	<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		**0.786**	**0.321**	**0.008**	**0.002**	**0.014**
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	**0.004**	<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		**2.92**	**1.05**	**2.40**	**0.882**	**0.201**
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		**0.033**	**0.026**	**0.017**	**0.006**	<0.005
Boron	7440-42-8	0.05	mg/L		**0.11**	**0.05**	**0.06**	<0.05	**0.07**
Iron	7439-89-6	0.05	mg/L		**6.07**	**3.87**	**0.06**	<0.05	**2.14**
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		**1.66**	**1.10**	**0.11**	**0.02**	**0.52**
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	**0.07**	**0.67**	**0.27**	<0.01
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		<0.01	**0.07**	**0.67**	**0.27**	<0.01
EK067FG: Filtered Total Phosphorus as P by Discrete Analyser									
Filtered Total Phosphorus as P	----	0.01	mg/L		**0.04**	**0.08**	**0.05**	**0.03**	**0.03**
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.04**	**1.77**	**0.06**	**0.04**	**0.06**
EN055: Ionic Balance									

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	GW-11 QFKPVVNZ-1	GW-13 QFKPVVNZ-2	GW-14 QFKPVVNZ-3	GW-2 QFKPVVNZ-4	GW-6 QFKPVVNZ-5
				Sampling date / time	08-Apr-2026 11:24	07-Apr-2026 12:29	08-Apr-2026 10:28	07-Apr-2026 13:32	07-Apr-2026 13:11
Compound	CAS Number	LOR	Unit		EN2605837-001	EN2605837-002	EN2605837-003	EN2605837-004	EN2605837-005
					Result	Result	Result	Result	Result
EN055: Ionic Balance - Continued									
ø Total Anions	----	0.01	meq/L		**46.2**	**9.61**	**46.2**	**13.6**	**20.2**
ø Total Cations	----	0.01	meq/L		**43.0**	**9.52**	**39.1**	**13.8**	**19.8**
ø Ionic Balance	----	0.01	%		**3.57**	**0.49**	**8.24**	**0.78**	**0.86**
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		**9.2**	**7.7**	**7.5**	**9.1**	**7.0**

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)			Sample ID	GW-7 QFKPVVNZ-6	GW-9 QFKPVVNZ-7	GW01 QFKPVVNZ-8	GW02 QFKPVVNZ-9	GW03 QFKPVVNZ-10
			Sampling date / time	08-Apr-2026 09:38	08-Apr-2026 10:54	01-Apr-2026 12:20	01-Apr-2026 08:37	01-Apr-2026 10:08
Compound	CAS Number	LOR	Unit	EN2605837-006	EN2605837-007	EN2605837-008	EN2605837-009	EN2605837-010
				Result	Result	Result	Result	Result
EA005P: pH by PC Titrator								
pH Value	----	0.01	pH Unit	**8.36**	**8.36**	**7.46**	**7.70**	**7.52**
EA010P: Conductivity by PC Titrator								
Electrical Conductivity @ 25°C	----	1	µS/cm	**4430**	**1780**	**1310**	**871**	**828**
EA015: Total Dissolved Solids dried at 180 ± 5 °C								
Total Dissolved Solids @180°C	----	10	mg/L	**2760**	**1060**	**878**	**597**	**560**
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	**22**	**5**	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	**1150**	**325**	**382**	**377**	**415**
Total Alkalinity as CaCO3	----	1	mg/L	**1170**	**330**	**382**	**377**	**415**
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA								
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	**355**	**51**	**171**	**82**	**46**
ED045G: Chloride by Discrete Analyser								
Chloride	16887-00-6	1	mg/L	**645**	**499**	**144**	**38**	**20**
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	**7**	**27**	**67**	**49**	**83**
Magnesium	7439-95-4	1	mg/L	**148**	**18**	**46**	**23**	**33**
Sodium	7440-23-5	1	mg/L	**617**	**342**	**184**	**130**	**74**
Potassium	7440-09-7	1	mg/L	**319**	**12**	**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	**0.019**	**0.024**	**0.066**	**0.043**	**0.086**
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)

Compound	CAS Number	LOR	Unit	Sample ID	GW-7 QFKPVVNZ-6	GW-9 QFKPVVNZ-7	GW01 QFKPVVNZ-8	GW02 QFKPVVNZ-9	GW03 QFKPVVNZ-10
				Sampling date / time	08-Apr-2026 09:38	08-Apr-2026 10:54	01-Apr-2026 12:20	01-Apr-2026 08:37	01-Apr-2026 10:08
					EN2605837-006	EN2605837-007	EN2605837-008	EN2605837-009	EN2605837-010
					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**	**0.002**
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		**0.052**	**0.174**	**0.243**	**0.021**	**0.003**
Molybdenum	7439-98-7	0.001	mg/L		**0.002**	<0.001	<0.001	<0.001	<0.001
Nickel	7440-02-0	0.001	mg/L		<0.001	<0.001	**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		**0.097**	**0.549**	**1.37**	**0.621**	**0.939**
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**	**0.013**	**0.005**
Boron	7440-42-8	0.05	mg/L		**0.14**	<0.05	**0.06**	**0.06**	<0.05
Iron	7439-89-6	0.05	mg/L		<0.05	**0.19**	<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		**0.77**	**0.25**	**0.07**	**0.02**	**0.06**
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	**0.01**	**0.20**	**0.23**	**0.25**
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		**0.02**	**0.01**	**0.20**	**0.23**	**0.25**
EK067FG: Filtered Total Phosphorus as P by Discrete Analyser									
Filtered Total Phosphorus as P	----	0.01	mg/L		**0.02**	**0.02**	**0.10**	**0.07**	**0.12**
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.02**	**0.07**	**0.15**	**0.07**	**0.14**
EN055: Ionic Balance									

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	GW-7 QFKPVVNZ-6	GW-9 QFKPVVNZ-7	GW01 QFKPVVNZ-8	GW02 QFKPVVNZ-9	GW03 QFKPVVNZ-10
				Sampling date / time	08-Apr-2026 09:38	08-Apr-2026 10:54	01-Apr-2026 12:20	01-Apr-2026 08:37	01-Apr-2026 10:08
Compound	CAS Number	LOR	Unit		EN2605837-006	EN2605837-007	EN2605837-008	EN2605837-009	EN2605837-010
					Result	Result	Result	Result	Result
EN055: Ionic Balance - Continued									
ø Total Anions	----	0.01	meq/L		**49.0**	**21.7**	**15.3**	**10.3**	**9.81**
ø Total Cations	----	0.01	meq/L		**47.5**	**18.0**	**15.2**	**9.99**	**10.1**
ø Ionic Balance	----	0.01	%		**1.49**	**9.36**	**0.23**	**1.57**	**1.45**
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		**7.7**	**7.3**	**8.9**	**9.3**	**8.6**

Analytical Results

Sub-Matrix: WATER
(Matrix: WATER)

Compound	CAS Number	LOR	Unit	Sample ID	MD01 QFKPVVNZ-11	MD02 QFKPVVNZ-12	MD03 QFKPVVNZ-13	SB01 QFKPVVNZ-14	SB02 QFKPVVNZ-15
				Sampling date / time	08-Apr-2026 08:15	08-Apr-2026 07:25	01-Apr-2026 08:00	01-Apr-2026 10:58	01-Apr-2026 12:39
					EN2605837-011	EN2605837-012	EN2605837-013	EN2605837-014	EN2605837-015
					Result	Result	Result	Result	Result
EA005P: pH by PC Titrator									
pH Value	----	0.01	pH Unit		8.08	7.06	7.55	7.59	7.55
EA010P: Conductivity by PC Titrator									
Electrical Conductivity @ 25°C	----	1	µS/cm		1580	1200	4590	1610	7530
EA015: Total Dissolved Solids dried at 180 ± 5 °C									
Total Dissolved Solids @180°C	----	10	mg/L		862	753	2730	1050	5320
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		312	542	447	551	922
Total Alkalinity as CaCO3	----	1	mg/L		312	542	447	551	922
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA									
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L		42	27	135	186	1250
ED045G: Chloride by Discrete Analyser									
Chloride	16887-00-6	1	mg/L		332	93	1150	165	1350
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		23	78	125	98	92
Magnesium	7439-95-4	1	mg/L		12	49	82	64	79
Sodium	7440-23-5	1	mg/L		255	122	737	204	1650
Potassium	7440-09-7	1	mg/L		19	8	9	2	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	0.003
Barium	7440-39-3	0.001	mg/L		0.072	0.230	0.526	0.100	0.033
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	<0.001	0.002

Analytical Results

Sub-Matrix: WATER
(Matrix: WATER)

Compound	CAS Number	LOR	Unit	Sample ID	MD01 QFKPVVNZ-11	MD02 QFKPVVNZ-12	MD03 QFKPVVNZ-13	SB01 QFKPVVNZ-14	SB02 QFKPVVNZ-15
				Sampling date / time	08-Apr-2026 08:15	08-Apr-2026 07:25	01-Apr-2026 08:00	01-Apr-2026 10:58	01-Apr-2026 12:39
					EN2605837-011	EN2605837-012	EN2605837-013	EN2605837-014	EN2605837-015
					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**	**0.055**	**1.18**	**0.214**	**0.838**
Molybdenum	7439-98-7	0.001	mg/L		**0.009**	**0.003**	**0.005**	**0.001**	**0.004**
Nickel	7440-02-0	0.001	mg/L		**0.003**	**0.013**	**0.004**	**0.002**	**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		**0.577**	**1.15**	**5.00**	**2.00**	**2.50**
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**	**0.008**	**0.023**	**0.013**	**0.009**
Boron	7440-42-8	0.05	mg/L		<0.05	<0.05	**0.10**	**0.06**	**0.14**
Iron	7439-89-6	0.05	mg/L		<0.05	**1.43**	<0.05	**0.24**	**0.60**
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		**23.7**	**0.40**	**0.41**	**0.06**	**0.18**
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	**0.18**	**0.02**	<0.01	<0.01
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		<0.01	**0.18**	**0.02**	<0.01	<0.01
EK067FG: Filtered Total Phosphorus as P by Discrete Analyser									
Filtered Total Phosphorus as P	----	0.01	mg/L		**0.48**	**0.05**	**0.12**	**0.08**	**0.07**
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.59**	**0.08**	**0.13**	**0.19**	**0.21**
EN055: Ionic Balance									

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	MD01 QFKPVVNZ-11	MD02 QFKPVVNZ-12	MD03 QFKPVVNZ-13	SB01 QFKPVVNZ-14	SB02 QFKPVVNZ-15
				Sampling date / time	08-Apr-2026 08:15	08-Apr-2026 07:25	01-Apr-2026 08:00	01-Apr-2026 10:58	01-Apr-2026 12:39
Compound	CAS Number	LOR	Unit		EN2605837-011	EN2605837-012	EN2605837-013	EN2605837-014	EN2605837-015
					Result	Result	Result	Result	Result
EN055: Ionic Balance - Continued									
ø Total Anions	----	0.01	meq/L		**16.5**	**14.0**	**44.2**	**19.5**	**82.5**
ø Total Cations	----	0.01	meq/L		**13.7**	**13.4**	**45.3**	**19.1**	**82.9**
ø Ionic Balance	----	0.01	%		**9.14**	**2.11**	**1.22**	**1.17**	**0.23**
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		**6.4**	**6.9**	**7.8**	**8.6**	**8.9**

Analytical Results

Sub-Matrix: WATER
(Matrix: WATER)

Compound	CAS Number	LOR	Unit	Sample ID	SB04 QFKPVVNZ-16	SB05 QFKPVVNZ-17	SB06 QFKPVVNZ-18	SB07 QFKPVVNZ-19	SB08 QFKPVVNZ-20
				Sampling date / time	01-Apr-2026 09:40	01-Apr-2026 11:13	01-Apr-2026 11:50	01-Apr-2026 09:01	01-Apr-2026 09:45
					EN2605837-016	EN2605837-017	EN2605837-018	EN2605837-019	EN2605837-020
					Result	Result	Result	Result	Result
EA005P: pH by PC Titrator									
pH Value	----	0.01	pH Unit		**7.65**	**7.99**	**7.90**	**7.86**	**7.70**
EA010P: Conductivity by PC Titrator									
Electrical Conductivity @ 25°C	----	1	µS/cm		**2060**	**3560**	**3230**	**879**	**981**
EA015: Total Dissolved Solids dried at 180 ± 5 °C									
Total Dissolved Solids @180°C	----	10	mg/L		**1380**	**2400**	**2280**	**605**	**627**
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		**581**	**748**	**445**	**378**	**390**
Total Alkalinity as CaCO3	----	1	mg/L		**581**	**748**	**445**	**378**	**390**
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA									
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L		**214**	**452**	**399**	**77**	**64**
ED045G: Chloride by Discrete Analyser									
Chloride	16887-00-6	1	mg/L		**267**	**502**	**575**	**36**	**63**
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		**70**	**28**	**39**	**53**	**67**
Magnesium	7439-95-4	1	mg/L		**53**	**22**	**36**	**26**	**36**
Sodium	7440-23-5	1	mg/L		**352**	**783**	**650**	**127**	**112**
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	**0.06**	<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	**0.004**	**0.003**	<0.001	<0.001
Barium	7440-39-3	0.001	mg/L		**0.069**	**0.057**	**0.142**	**0.043**	**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	**0.004**	<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)

Compound	CAS Number	LOR	Unit	Sample ID	SB04 QFKPVVNZ-16	SB05 QFKPVVNZ-17	SB06 QFKPVVNZ-18	SB07 QFKPVVNZ-19	SB08 QFKPVVNZ-20
				Sampling date / time	01-Apr-2026 09:40	01-Apr-2026 11:13	01-Apr-2026 11:50	01-Apr-2026 09:01	01-Apr-2026 09:45
					EN2605837-016	EN2605837-017	EN2605837-018	EN2605837-019	EN2605837-020
					Result	Result	Result	Result	Result
EG020F: Dissolved Metals by ICP-MS - Continued									
Copper	7440-50-8	0.001	mg/L		<0.001	<0.001	**0.001**	**0.010**	**0.012**
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		**0.092**	**0.199**	**0.615**	**0.002**	<0.001
Molybdenum	7439-98-7	0.001	mg/L		<0.001	**0.003**	**0.003**	**0.001**	<0.001
Nickel	7440-02-0	0.001	mg/L		<0.001	<0.001	**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		**1.49**	**0.673**	**1.18**	**0.685**	**0.999**
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	**0.007**	**0.005**	**0.021**	**0.013**
Boron	7440-42-8	0.05	mg/L		**0.08**	**0.13**	**0.12**	**0.06**	**0.06**
Iron	7439-89-6	0.05	mg/L		<0.05	**0.21**	**0.27**	<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		**0.14**	**0.12**	**0.14**	**0.07**	**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		**0.05**	**0.01**	**0.04**	**0.78**	**0.13**
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		**0.05**	**0.01**	**0.04**	**0.78**	**0.13**
EK067FG: Filtered Total Phosphorus as P by Discrete Analyser									
Filtered Total Phosphorus as P	----	0.01	mg/L		**0.11**	**0.22**	**0.15**	**0.10**	**0.06**
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.16**	**0.48**	**0.49**	**0.10**	**0.06**
EN055: Ionic Balance									

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	SB04 QFKPVVNZ-16	SB05 QFKPVVNZ-17	SB06 QFKPVVNZ-18	SB07 QFKPVVNZ-19	SB08 QFKPVVNZ-20
				Sampling date / time	01-Apr-2026 09:40	01-Apr-2026 11:13	01-Apr-2026 11:50	01-Apr-2026 09:01	01-Apr-2026 09:45
Compound	CAS Number	LOR	Unit		EN2605837-016	EN2605837-017	EN2605837-018	EN2605837-019	EN2605837-020
					Result	Result	Result	Result	Result
EN055: Ionic Balance - Continued									
ø Total Anions	----	0.01	meq/L		**23.6**	**38.5**	**33.4**	**10.2**	**10.9**
ø Total Cations	----	0.01	meq/L		**23.2**	**37.3**	**33.2**	**10.3**	**11.2**
ø Ionic Balance	----	0.01	%		**0.92**	**1.65**	**0.32**	**0.67**	**1.25**
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		**7.6**	**8.2**	**7.5**	**8.8**	**8.7**

Analytical Results

Sub-Matrix: WATER
(Matrix: WATER)

Compound	CAS Number	LOR	Unit	Sample ID	SB09 QFKPVVNZ-21	SB10 QFKPVVNZ-22	SB11 QFKPVVNZ-23	SB15 QFKPVVNZ-24	TR18 QFKPVVNZ-25
				Sampling date / time	01-Apr-2026 10:43	01-Apr-2026 11:27	01-Apr-2026 11:38	01-Apr-2026 12:07	07-Apr-2026 11:43
					EN2605837-021	EN2605837-022	EN2605837-023	EN2605837-024	EN2605837-025
					Result	Result	Result	Result	Result
EA005P: pH by PC Titrator									
pH Value	----	0.01	pH Unit		7.94	7.88	7.99	7.78	7.40
EA010P: Conductivity by PC Titrator									
Electrical Conductivity @ 25°C	----	1	µS/cm		929	1690	1060	1040	13000
EA015: Total Dissolved Solids dried at 180 ± 5 °C									
Total Dissolved Solids @180°C	----	10	mg/L		610	1110	677	670	8870
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		441	590	469	453	722
Total Alkalinity as CaCO3	----	1	mg/L		441	590	469	453	722
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA									
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L		68	172	76	75	616
ED045G: Chloride by Discrete Analyser									
Chloride	16887-00-6	1	mg/L		27	153	34	38	4200
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		46	32	31	70	240
Magnesium	7439-95-4	1	mg/L		28	31	23	41	298
Sodium	7440-23-5	1	mg/L		149	341	189	113	2170
Potassium	7440-09-7	1	mg/L		1	<1	1	<1	11
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	0.003	<0.001	<0.001	<0.001
Barium	7440-39-3	0.001	mg/L		0.050	0.025	0.052	0.070	0.063
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)

Compound	CAS Number	LOR	Unit	Sample ID	SB09 QFKPVVNZ-21	SB10 QFKPVVNZ-22	SB11 QFKPVVNZ-23	SB15 QFKPVVNZ-24	TR18 QFKPVVNZ-25
				Sampling date / time	01-Apr-2026 10:43	01-Apr-2026 11:27	01-Apr-2026 11:38	01-Apr-2026 12:07	07-Apr-2026 11:43
					EN2605837-021	EN2605837-022	EN2605837-023	EN2605837-024	EN2605837-025
					Result	Result	Result	Result	Result
EG020F: Dissolved Metals by ICP-MS - Continued									
Copper	7440-50-8	0.001	mg/L		<0.001	<0.001	**0.002**	**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		**0.319**	<0.001	**0.002**	**0.008**	**0.300**
Molybdenum	7439-98-7	0.001	mg/L		**0.001**	**0.003**	<0.001	<0.001	**0.003**
Nickel	7440-02-0	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	**0.027**
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		**0.884**	**0.891**	**0.722**	**1.32**	**6.09**
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	**0.007**	**0.010**	**0.015**
Boron	7440-42-8	0.05	mg/L		**0.06**	**0.09**	**0.07**	**0.06**	**0.07**
Iron	7439-89-6	0.05	mg/L		<0.05	<0.05	<0.05	<0.05	**0.27**
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**	**0.04**	**0.03**	**0.04**	**0.04**
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**	**0.11**	**0.17**	**0.16**	**0.03**
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		**0.01**	**0.11**	**0.17**	**0.16**	**0.03**
EK067FG: Filtered Total Phosphorus as P by Discrete Analyser									
Filtered Total Phosphorus as P	----	0.01	mg/L		**0.11**	**0.08**	**0.05**	**0.04**	**0.02**
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.12**	**0.08**	**0.06**	**0.09**	**0.17**
EN055: Ionic Balance									

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	SB09 QFKPVVNZ-21	SB10 QFKPVVNZ-22	SB11 QFKPVVNZ-23	SB15 QFKPVVNZ-24	TR18 QFKPVVNZ-25
				Sampling date / time	01-Apr-2026 10:43	01-Apr-2026 11:27	01-Apr-2026 11:38	01-Apr-2026 12:07	07-Apr-2026 11:43
Compound	CAS Number	LOR	Unit		EN2605837-021	EN2605837-022	EN2605837-023	EN2605837-024	EN2605837-025
					Result	Result	Result	Result	Result
EN055: Ionic Balance - Continued									
ø Total Anions	----	0.01	meq/L		**11.0**	**19.7**	**11.9**	**11.7**	**146**
ø Total Cations	----	0.01	meq/L		**11.1**	**19.0**	**11.7**	**11.8**	**131**
ø Ionic Balance	----	0.01	%		**0.53**	**1.82**	**0.96**	**0.42**	**5.26**
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		**8.1**	**7.9**	**8.5**	**9.1**	**7.3**

Analytical Results

Sub-Matrix: WATER
(Matrix: WATER)

Compound	CAS Number	LOR	Unit	Sample ID	TR26 QFKPVVNZ-26	TR35 QFKPVVNZ-27	TR7 QFKPVVNZ-28	VKY0035C QFKPVVNZ-29	VKY0036C QFKPVVNZ-30
				Sampling date / time	01-Apr-2026 13:44	01-Apr-2026 11:11	01-Apr-2026 13:56	08-Apr-2026 13:18	08-Apr-2026 13:38
					EN2605837-026	EN2605837-027	EN2605837-028	EN2605837-029	EN2605837-030
					Result	Result	Result	Result	Result
EA005P: pH by PC Titrator									
pH Value	----	0.01	pH Unit		7.65	7.38	7.45	7.65	7.88
EA010P: Conductivity by PC Titrator									
Electrical Conductivity @ 25°C	----	1	µS/cm		7720	15800	15000	3300	5630
EA015: Total Dissolved Solids dried at 180 ± 5 °C									
Total Dissolved Solids @180°C	----	10	mg/L		4860	11700	10700	2060	3680
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		1500	766	766	917	1490
Total Alkalinity as CaCO3	----	1	mg/L		1500	766	766	917	1490
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA									
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L		277	613	639	77	144
ED045G: Chloride by Discrete Analyser									
Chloride	16887-00-6	1	mg/L		1730	5400	4970	716	1260
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		188	309	302	51	31
Magnesium	7439-95-4	1	mg/L		195	473	343	45	22
Sodium	7440-23-5	1	mg/L		1360	2630	2600	621	1280
Potassium	7440-09-7	1	mg/L		12	19	15	8	7
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	0.009
Barium	7440-39-3	0.001	mg/L		0.147	0.076	0.088	0.074	0.266
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	0.004	0.002	<0.001	<0.001

Analytical Results

Sub-Matrix: WATER
(Matrix: WATER)

Compound	CAS Number	LOR	Unit	Sample ID	TR26 QFKPVVNZ-26	TR35 QFKPVVNZ-27	TR7 QFKPVVNZ-28	VKY0035C QFKPVVNZ-29	VKY0036C QFKPVVNZ-30
				Sampling date / time	01-Apr-2026 13:44	01-Apr-2026 11:11	01-Apr-2026 13:56	08-Apr-2026 13:18	08-Apr-2026 13:38
					EN2605837-026	EN2605837-027	EN2605837-028	EN2605837-029	EN2605837-030
					Result	Result	Result	Result	Result
EG020F: Dissolved Metals by ICP-MS - Continued									
Copper	7440-50-8	0.001	mg/L		**0.002**	**2.60**	<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		**0.041**	**0.276**	**0.088**	**0.285**	**0.145**
Molybdenum	7439-98-7	0.001	mg/L		**0.002**	<0.001	**0.001**	**0.007**	**0.004**
Nickel	7440-02-0	0.001	mg/L		**0.003**	**0.003**	**0.006**	**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		**4.61**	**7.36**	**9.11**	**0.871**	**0.589**
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		**0.019**	**0.022**	**0.010**	**0.014**	<0.005
Boron	7440-42-8	0.05	mg/L		**0.09**	**0.06**	**0.06**	<0.05	**0.08**
Iron	7439-89-6	0.05	mg/L		<0.05	<0.05	**0.24**	**0.56**	**1.09**
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**	**0.03**	**0.03**	**1.04**	**1.05**
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		**0.04**	**0.58**	<0.01	<0.01	<0.01
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		**0.04**	**0.58**	<0.01	<0.01	<0.01
EK067FG: Filtered Total Phosphorus as P by Discrete Analyser									
Filtered Total Phosphorus as P	----	0.01	mg/L		**0.05**	**0.06**	**0.03**	**0.05**	**0.35**
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.09**	**0.06**	**0.07**	**0.16**	**0.73**
EN055: Ionic Balance									

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	TR26 QFKPVVNZ-26	TR35 QFKPVVNZ-27	TR7 QFKPVVNZ-28	VKY0035C QFKPVVNZ-29	VKY0036C QFKPVVNZ-30
				Sampling date / time	01-Apr-2026 13:44	01-Apr-2026 11:11	01-Apr-2026 13:56	08-Apr-2026 13:18	08-Apr-2026 13:38
Compound	CAS Number	LOR	Unit		EN2605837-026	EN2605837-027	EN2605837-028	EN2605837-029	EN2605837-030
					Result	Result	Result	Result	Result
EN055: Ionic Balance - Continued									
ø Total Anions	----	0.01	meq/L		**84.5**	**180**	**169**	**40.1**	**68.3**
ø Total Cations	----	0.01	meq/L		**84.9**	**169**	**157**	**33.5**	**59.2**
ø Ionic Balance	----	0.01	%		**0.21**	**3.19**	**3.69**	**9.05**	**7.13**
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		**7.7**	**6.9**	**7.8**	**7.8**	**6.8**

Analytical Results

Sub-Matrix: WATER
(Matrix: WATER)

Compound	CAS Number	LOR	Unit	Sample ID	VKY0042C QFKPVVNZ-31	VKY0034C QFKPVVNZ-32	VKY0043C QFKPVVNZ-33	VNW223/P-3 QFKPVVNZ-34	VNW390 QFKPVVNZ-35
				Sampling date / time	08-Apr-2026 14:00	08-Apr-2026 12:54	07-Apr-2026 11:26	08-Apr-2026 12:03	07-Apr-2026 08:43
					EN2605837-031	EN2605837-032	EN2605837-033	EN2605837-034	EN2605837-035
					Result	Result	Result	Result	Result
EA005P: pH by PC Titrator									
pH Value	----	0.01	pH Unit		7.42	7.92	7.64	7.88	7.58
EA010P: Conductivity by PC Titrator									
Electrical Conductivity @ 25°C	----	1	µS/cm		5440	3850	7640	5620	2330
EA015: Total Dissolved Solids dried at 180 ± 5 °C									
Total Dissolved Solids @180°C	----	10	mg/L		3540	2480	5080	3460	1410
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		817	1300	734	986	610
Total Alkalinity as CaCO3	----	1	mg/L		817	1300	734	986	610
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA									
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L		308	104	432	135	74
ED045G: Chloride by Discrete Analyser									
Chloride	16887-00-6	1	mg/L		1440	664	2390	1470	396
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		192	25	209	103	182
Magnesium	7439-95-4	1	mg/L		204	31	174	127	42
Sodium	7440-23-5	1	mg/L		721	850	1190	1000	273
Potassium	7440-09-7	1	mg/L		22	7	10	9	12
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	0.009	<0.001	0.001
Barium	7440-39-3	0.001	mg/L		0.121	0.162	0.249	0.102	0.116
Cadmium	7440-43-9	0.0001	mg/L		<0.0001	<0.0001	0.0002	<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	0.003	<0.001	<0.001

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	VKY0042C QFKPVVNZ-31	VKY0034C QFKPVVNZ-32	VKY0043C QFKPVVNZ-33	VNW223/P-3 QFKPVVNZ-34	VNW390 QFKPVVNZ-35
				Sampling date / time	08-Apr-2026 14:00	08-Apr-2026 12:54	07-Apr-2026 11:26	08-Apr-2026 12:03	07-Apr-2026 08:43
Compound	CAS Number	LOR	Unit		EN2605837-031	EN2605837-032	EN2605837-033	EN2605837-034	EN2605837-035
					Result	Result	Result	Result	Result
EG020F: Dissolved Metals by ICP-MS - Continued									
Copper	7440-50-8	0.001	mg/L		**0.003**	<0.001	**0.011**	**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		**0.190**	**0.026**	**0.683**	**0.008**	**0.192**
Molybdenum	7439-98-7	0.001	mg/L		<0.001	<0.001	**0.001**	**0.001**	**0.007**
Nickel	7440-02-0	0.001	mg/L		**0.001**	<0.001	**0.002**	**0.002**	**0.019**
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		**3.24**	**0.572**	**3.69**	**2.21**	**1.83**
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		**0.013**	**0.009**	**0.041**	**0.013**	**0.026**
Boron	7440-42-8	0.05	mg/L		**0.05**	<0.05	**0.07**	**0.06**	**0.12**
Iron	7439-89-6	0.05	mg/L		**0.80**	**0.26**	**3.63**	<0.05	**0.40**
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		**0.71**	**0.78**	**0.29**	**0.08**	**0.59**
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N	14797-65-0	0.01	mg/L		**0.04**	<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		**0.06**	<0.01	**0.07**	**2.46**	<0.01
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		**0.10**	<0.01	**0.07**	**2.46**	<0.01
EK067FG: Filtered Total Phosphorus as P by Discrete Analyser									
Filtered Total Phosphorus as P	----	0.01	mg/L		<0.01	<0.01	<0.01	**0.11**	<0.01
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.03**	**0.20**	**0.07**	**0.24**	**0.10**
EN055: Ionic Balance									

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	VKY0042C QFKPVVNZ-31	VKY0034C QFKPVVNZ-32	VKY0043C QFKPVVNZ-33	VNW223/P-3 QFKPVVNZ-34	VNW390 QFKPVVNZ-35
				Sampling date / time	08-Apr-2026 14:00	08-Apr-2026 12:54	07-Apr-2026 11:26	08-Apr-2026 12:03	07-Apr-2026 08:43
Compound	CAS Number	LOR	Unit		EN2605837-031	EN2605837-032	EN2605837-033	EN2605837-034	EN2605837-035
					Result	Result	Result	Result	Result
EN055: Ionic Balance - Continued									
ø Total Anions	----	0.01	meq/L		**63.4**	**46.9**	**91.1**	**64.0**	**24.9**
ø Total Cations	----	0.01	meq/L		**58.3**	**41.0**	**76.8**	**59.3**	**24.7**
ø Ionic Balance	----	0.01	%		**4.16**	**6.74**	**8.53**	**3.78**	**0.36**
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		**7.4**	**7.6**	**7.3**	**7.2**	**6.8**

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)			Sample ID	VNW391 QFKPVVNZ-36	VNW392 QFKPVVNZ-37	VNW393 QFKPVVNZ-38	VNW394 QFKPVVNZ-39	VNW395 QFKPVVNZ-40
			Sampling date / time	07-Apr-2026 09:30	07-Apr-2026 09:43	07-Apr-2026 08:17	07-Apr-2026 07:52	07-Apr-2026 09:01
Compound	CAS Number	LOR	Unit	EN2605837-036	EN2605837-037	EN2605837-038	EN2605837-039	EN2605837-040
				Result	Result	Result	Result	Result
EA005P: pH by PC Titrator								
pH Value	----	0.01	pH Unit	**7.64**	**7.38**	**7.80**	**7.71**	**8.20**
EA010P: Conductivity by PC Titrator								
Electrical Conductivity @ 25°C	----	1	µS/cm	**2560**	**3480**	**3040**	**5500**	**2420**
EA015: Total Dissolved Solids dried at 180 ± 5 °C								
Total Dissolved Solids @180°C	----	10	mg/L	**1600**	**2320**	**1820**	**3740**	**1540**
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	**610**	**638**	**349**	**344**	**556**
Total Alkalinity as CaCO3	----	1	mg/L	**610**	**638**	**349**	**344**	**556**
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA								
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	**124**	**288**	**178**	**602**	**177**
ED045G: Chloride by Discrete Analyser								
Chloride	16887-00-6	1	mg/L	**463**	**672**	**676**	**1260**	**399**
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	**209**	**291**	**163**	**214**	**52**
Magnesium	7439-95-4	1	mg/L	**61**	**89**	**33**	**85**	**37**
Sodium	7440-23-5	1	mg/L	**282**	**351**	**448**	**912**	**450**
Potassium	7440-09-7	1	mg/L	**14**	**19**	**6**	**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	**0.001**	**0.002**	<0.001	**0.004**	**0.001**
Barium	7440-39-3	0.001	mg/L	**0.117**	**0.116**	**0.053**	**0.051**	**0.029**
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	**0.002**	<0.001	**0.007**	<0.001

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	VNW391 QFKPVVNZ-36	VNW392 QFKPVVNZ-37	VNW393 QFKPVVNZ-38	VNW394 QFKPVVNZ-39	VNW395 QFKPVVNZ-40
				Sampling date / time	07-Apr-2026 09:30	07-Apr-2026 09:43	07-Apr-2026 08:17	07-Apr-2026 07:52	07-Apr-2026 09:01
Compound	CAS Number	LOR	Unit		EN2605837-036	EN2605837-037	EN2605837-038	EN2605837-039	EN2605837-040
					Result	Result	Result	Result	Result
EG020F: Dissolved Metals by ICP-MS - Continued									
Copper	7440-50-8	0.001	mg/L		**0.008**	<0.001	<0.001	<0.001	**0.014**
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		**0.075**	**0.561**	**0.165**	**0.347**	<0.001
Molybdenum	7439-98-7	0.001	mg/L		<0.001	**0.002**	**0.004**	**0.002**	**0.004**
Nickel	7440-02-0	0.001	mg/L		<0.001	**0.012**	**0.004**	**0.003**	**0.008**
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		**1.89**	**2.63**	**2.05**	**2.89**	**0.743**
Tin	7440-31-5	0.001	mg/L		**0.026**	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	0.005	mg/L		**0.035**	**0.012**	**0.011**	**0.009**	<0.005
Boron	7440-42-8	0.05	mg/L		**0.09**	**0.09**	**0.08**	**0.06**	<0.05
Iron	7439-89-6	0.05	mg/L		<0.05	**2.94**	**0.48**	**0.25**	<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		**0.17**	**0.46**	**0.44**	**0.06**	**0.02**
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		**0.16**	**0.03**	**0.01**	<0.01	**0.80**
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		**0.16**	**0.03**	**0.01**	<0.01	**0.80**
EK067FG: Filtered Total Phosphorus as P by Discrete Analyser									
Filtered Total Phosphorus as P	----	0.01	mg/L		<0.01	<0.01	**0.02**	**0.23**	**0.17**
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.03**	**0.17**	**0.09**	**0.33**	**0.22**
EN055: Ionic Balance									

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	VNW391 QFKPVVNZ-36	VNW392 QFKPVVNZ-37	VNW393 QFKPVVNZ-38	VNW394 QFKPVVNZ-39	VNW395 QFKPVVNZ-40
				Sampling date / time	07-Apr-2026 09:30	07-Apr-2026 09:43	07-Apr-2026 08:17	07-Apr-2026 07:52	07-Apr-2026 09:01
Compound	CAS Number	LOR	Unit		EN2605837-036	EN2605837-037	EN2605837-038	EN2605837-039	EN2605837-040
					Result	Result	Result	Result	Result
EN055: Ionic Balance - Continued									
ø Total Anions	----	0.01	meq/L		**27.8**	**37.7**	**29.7**	**54.9**	**26.0**
ø Total Cations	----	0.01	meq/L		**28.1**	**37.6**	**30.5**	**57.5**	**25.3**
ø Ionic Balance	----	0.01	%		**0.44**	**0.13**	**1.23**	**2.29**	**1.43**
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		**7.6**	**7.0**	**7.9**	**7.0**	**8.0**

Analytical Results

Sub-Matrix: WATER
(Matrix: WATER)

Compound	CAS Number	LOR	Unit	Sample ID	WR1 QFKPVVNZ-41	WR2 QFKPVVNZ-42	GW03 QFKPVVNZ-43	GW-4 QFKPVVNZ-44	GW-10 QFKPVVNZ-45
				Sampling date / time	08-Apr-2026 09:55	08-Apr-2026 09:13	13-Apr-2026 14:58	07-Apr-2026 12:48	07-Apr-2026 12:09
					EN2605837-041	EN2605837-042	EN2605837-043	EN2605837-044	EN2605837-045
					Result	Result	Result	Result	Result
EA005P: pH by PC Titrator									
pH Value	----	0.01	pH Unit		7.38	7.34	7.92	8.45	8.40
EA010P: Conductivity by PC Titrator									
Electrical Conductivity @ 25°C	----	1	µS/cm		24700	24600	851	2910	1490
EA015: Total Dissolved Solids dried at 180 ± 5 °C									
Total Dissolved Solids @180°C	----	10	mg/L		17900	17500	514	1780	1020
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	31	19
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L		623	555	416	1130	803
Total Alkalinity as CaCO3	----	1	mg/L		623	555	416	1160	822
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA									
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L		1130	1350	54	<1	<10
ED045G: Chloride by Discrete Analyser									
Chloride	16887-00-6	1	mg/L		8950	8050	22	346	42
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		1050	1110	77	4	33
Magnesium	7439-95-4	1	mg/L		749	662	30	4	24
Sodium	7440-23-5	1	mg/L		3740	3940	68	623	286
Potassium	7440-09-7	1	mg/L		11	18	2	3	19
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	0.003
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		0.089	0.123	0.090	0.382	0.066
Cadmium	7440-43-9	0.0001	mg/L		0.0003	0.0002	<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		0.004	0.017	<0.001	<0.001	<0.001

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	WR1 QFKPVVNZ-41	WR2 QFKPVVNZ-42	GW03 QFKPVVNZ-43	GW-4 QFKPVVNZ-44	GW-10 QFKPVVNZ-45
				Sampling date / time	08-Apr-2026 09:55	08-Apr-2026 09:13	13-Apr-2026 14:58	07-Apr-2026 12:48	07-Apr-2026 12:09
Compound	CAS Number	LOR	Unit		EN2605837-041	EN2605837-042	EN2605837-043	EN2605837-044	EN2605837-045
					Result	Result	Result	Result	Result
EG020F: Dissolved Metals by ICP-MS - Continued									
Copper	7440-50-8	0.001	mg/L		**2.41**	**0.102**	**0.010**	<0.001	**0.059**
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		**0.131**	**1.03**	**0.019**	**0.009**	**0.062**
Molybdenum	7439-98-7	0.001	mg/L		**0.001**	**0.007**	<0.001	<0.001	**0.001**
Nickel	7440-02-0	0.001	mg/L		**0.019**	**0.052**	**0.001**	**0.001**	**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		**27.0**	**27.0**	**0.903**	**0.165**	**0.788**
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		**0.019**	**0.019**	**0.039**	<0.005	**0.116**
Boron	7440-42-8	0.05	mg/L		**0.15**	**0.11**	<0.05	**0.12**	**0.12**
Iron	7439-89-6	0.05	mg/L		<0.05	**0.84**	<0.05	**0.73**	**0.15**
EG035F: Dissolved Mercury by FIMS									
Mercury	7439-97-6	0.0001	mg/L		**0.0072**	<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		**0.16**	**0.44**	**0.04**	**0.57**	**0.10**
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		**0.14**	<0.01	**0.17**	**0.05**	<0.01
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		**0.14**	<0.01	**0.17**	**0.06**	<0.01
EK067FG: Filtered Total Phosphorus as P by Discrete Analyser									
Filtered Total Phosphorus as P	----	0.01	mg/L		**0.13**	**0.04**	**0.08**	**0.02**	**0.28**
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.20**	**0.30**	**0.20**	**0.16**	**0.59**
EN055: Ionic Balance									

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	WR1 QFKPVVNZ-41	WR2 QFKPVVNZ-42	GW03 QFKPVVNZ-43	GW-4 QFKPVVNZ-44	GW-10 QFKPVVNZ-45
				Sampling date / time	08-Apr-2026 09:55	08-Apr-2026 09:13	13-Apr-2026 14:58	07-Apr-2026 12:48	07-Apr-2026 12:09
Compound	CAS Number	LOR	Unit		EN2605837-041	EN2605837-042	EN2605837-043	EN2605837-044	EN2605837-045
					Result	Result	Result	Result	Result
EN055: Ionic Balance - Continued									
ø Total Anions	----	0.01	meq/L		**288**	**266**	**10.1**	**32.9**	**17.6**
ø Total Cations	----	0.01	meq/L		**277**	**282**	**9.32**	**27.7**	**16.5**
ø Ionic Balance	----	0.01	%		**2.02**	**2.82**	**3.80**	**8.63**	**3.10**
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**	**7.1**	**5.7**	**7.6**

Analytical Results

Sub-Matrix: WATER
(Matrix: WATER)

Compound	CAS Number	LOR	Unit	Sample ID	GW-15 QFKPVVNZ-46	GW971614 QFKPVVNZ-47	GW971400 QFKPVVNZ-48	VKY GW Duplicate 1 QFKPVVNZ-49	VKY GW Duplicate 2 QFKPVVNZ-50
				Sampling date / time	07-Apr-2026 10:44	13-Apr-2026 08:14	13-Apr-2026 08:14	08-Apr-2026 11:24	13-Apr-2026 00:00
					EN2605837-046	EN2605837-047	EN2605837-048	EN2605837-049	EN2605837-050
					Result	Result	Result	Result	Result
EA005P: pH by PC Titrator									
pH Value	----	0.01	pH Unit		9.09	7.61	7.68	6.96	7.66
EA010P: Conductivity by PC Titrator									
Electrical Conductivity @ 25°C	----	1	µS/cm		768	610	2190	4640	588
EA015: Total Dissolved Solids dried at 180 ± 5 °C									
Total Dissolved Solids @180°C	----	10	mg/L		474	356	1460	2670	365
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		47	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L		294	256	418	26	254
Total Alkalinity as CaCO3	----	1	mg/L		341	256	418	26	254
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA									
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L		35	32	350	<1	30
ED045G: Chloride by Discrete Analyser									
Chloride	16887-00-6	1	mg/L		31	33	390	1600	33
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		4	53	168	193	48
Magnesium	7439-95-4	1	mg/L		2	21	67	43	22
Sodium	7440-23-5	1	mg/L		158	46	235	597	52
Potassium	7440-09-7	1	mg/L		3	<1	2	10	<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		0.019	0.019	0.030	0.099	0.010
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)

Compound	CAS Number	LOR	Unit	Sample ID	GW-15 QFKPVVNZ-46	GW971614 QFKPVVNZ-47	GW971400 QFKPVVNZ-48	VKY GW Duplicate 1 QFKPVVNZ-49	VKY GW Duplicate 2 QFKPVVNZ-50
				Sampling date / time	07-Apr-2026 10:44	13-Apr-2026 08:14	13-Apr-2026 08:14	08-Apr-2026 11:24	13-Apr-2026 00:00
					EN2605837-046	EN2605837-047	EN2605837-048	EN2605837-049	EN2605837-050
					Result	Result	Result	Result	Result
EG020F: Dissolved Metals by ICP-MS - Continued									
Copper	7440-50-8	0.001	mg/L		**0.001**	<0.001	<0.001	**0.002**	<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		**0.008**	**0.002**	**0.004**	**0.774**	<0.001
Molybdenum	7439-98-7	0.001	mg/L		**0.002**	<0.001	<0.001	<0.001	<0.001
Nickel	7440-02-0	0.001	mg/L		<0.001	<0.001	**0.011**	<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		**0.179**	**0.537**	**1.66**	**2.87**	**0.543**
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**	**0.033**	<0.005	**0.027**	<0.005
Boron	7440-42-8	0.05	mg/L		<0.05	<0.05	<0.05	**0.10**	<0.05
Iron	7439-89-6	0.05	mg/L		<0.05	<0.05	<0.05	**5.71**	<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**	**0.02**	**0.05**	**1.65**	**0.13**
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	**0.23**	**1.71**	<0.01	**0.23**
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		<0.01	**0.23**	**1.71**	<0.01	**0.23**
EK067FG: Filtered Total Phosphorus as P by Discrete Analyser									
Filtered Total Phosphorus as P	----	0.01	mg/L		**0.11**	**0.05**	**0.02**	<0.01	**0.07**
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.14**	**0.10**	**0.15**	**0.03**	**0.07**
EN055: Ionic Balance									

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	GW-15 QFKPVVNZ-46	GW971614 QFKPVVNZ-47	GW971400 QFKPVVNZ-48	VKY GW Duplicate 1 QFKPVVNZ-49	VKY GW Duplicate 2 QFKPVVNZ-50
				Sampling date / time	07-Apr-2026 10:44	13-Apr-2026 08:14	13-Apr-2026 08:14	08-Apr-2026 11:24	13-Apr-2026 00:00
Compound	CAS Number	LOR	Unit		EN2605837-046	EN2605837-047	EN2605837-048	EN2605837-049	EN2605837-050
					Result	Result	Result	Result	Result
EN055: Ionic Balance - Continued									
ø Total Anions	----	0.01	meq/L		**8.42**	**6.71**	**26.6**	**45.7**	**6.63**
ø Total Cations	----	0.01	meq/L		**7.31**	**6.37**	**24.2**	**39.4**	**6.47**
ø Ionic Balance	----	0.01	%		**7.01**	**2.58**	**4.86**	**7.36**	**1.24**
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		**7.7**	**7.6**	**7.7**	**7.2**	**7.6**

Analytical Results

Sub-Matrix: WATER
(Matrix: WATER)

Compound	CAS Number	LOR	Unit	Sample ID	VKY-GW-Blank QFKPVVNZ-51	VKY GW Lab Split Dup 1 QFKPVVNZ-52	VKY GW Lab Split Dup 2 QFKPVVNZ-53	----	----
				Sampling date / time	13-Apr-2026 08:00	08-Apr-2026 11:24	13-Apr-2026 00:00	----	----
					EN2605837-051	EN2605837-052	EN2605837-053	--------	--------
					Result	Result	Result	----	----
EA005P: pH by PC Titrator									
pH Value	----	0.01	pH Unit		7.38	6.93	7.99	----	----
EA010P: Conductivity by PC Titrator									
Electrical Conductivity @ 25°C	----	1	µS/cm		86	4680	835	----	----
EA015: Total Dissolved Solids dried at 180 ± 5 °C									
Total Dissolved Solids @180°C	----	10	mg/L		47	2690	534	----	----
ED037P: Alkalinity by PC Titrator									
Hydroxide Alkalinity as CaCO3	----	1	mg/L		<1	<1	<1	----	----
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L		<1	<1	<1	----	----
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L		17	26	419	----	----
Total Alkalinity as CaCO3	----	1	mg/L		17	26	419	----	----
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA									
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L		<1	<1	54	----	----
ED045G: Chloride by Discrete Analyser									
Chloride	16887-00-6	1	mg/L		12	1610	22	----	----
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		<1	202	78	----	----
Magnesium	7439-95-4	1	mg/L		<1	46	31	----	----
Sodium	7440-23-5	1	mg/L		15	623	70	----	----
Potassium	7440-09-7	1	mg/L		<1	11	2	----	----
EG020F: Dissolved Metals by ICP-MS									
Aluminium	7429-90-5	0.01	mg/L		<0.01	<0.01	<0.01	----	----
Antimony	7440-36-0	0.001	mg/L		<0.001	<0.001	<0.001	----	----
Arsenic	7440-38-2	0.001	mg/L		<0.001	<0.001	<0.001	----	----
Barium	7440-39-3	0.001	mg/L		<0.001	0.103	0.094	----	----
Cadmium	7440-43-9	0.0001	mg/L		<0.0001	<0.0001	<0.0001	----	----
Chromium	7440-47-3	0.001	mg/L		<0.001	<0.001	<0.001	----	----

Analytical Results

Sub-Matrix: WATER
(Matrix: WATER)

				Sample ID	VKY-GW-Blank QFKPVVNZ-51	VKY GW Lab Split Dup 1 QFKPVVNZ-52	VKY GW Lab Split Dup 2 QFKPVVNZ-53	----	----
				Sampling date / time	13-Apr-2026 08:00	08-Apr-2026 11:24	13-Apr-2026 00:00	----	----
Compound	CAS Number	LOR	Unit		EN2605837-051	EN2605837-052	EN2605837-053	--------	--------
					Result	Result	Result	----	----
EG020F: Dissolved Metals by ICP-MS - Continued									
Cobalt	7440-48-4	0.001	mg/L		<0.001	<0.001	<0.001	----	----
Copper	7440-50-8	0.001	mg/L		<0.001	**0.002**	**0.010**	----	----
Lead	7439-92-1	0.001	mg/L		<0.001	<0.001	<0.001	----	----
Manganese	7439-96-5	0.001	mg/L		<0.001	**0.805**	**0.018**	----	----
Molybdenum	7439-98-7	0.001	mg/L		<0.001	<0.001	<0.001	----	----
Nickel	7440-02-0	0.001	mg/L		<0.001	<0.001	**0.001**	----	----
Selenium	7782-49-2	0.010	mg/L		<0.010	<0.010	<0.010	----	----
Silver	7440-22-4	0.001	mg/L		<0.001	<0.001	<0.001	----	----
Strontium	7440-24-6	0.001	mg/L		<0.001	**2.96**	**0.969**	----	----
Tin	7440-31-5	0.001	mg/L		<0.001	<0.001	<0.001	----	----
Zinc	7440-66-6	0.005	mg/L		**0.019**	**0.032**	**0.053**	----	----
Boron	7440-42-8	0.05	mg/L		<0.05	**0.11**	<0.05	----	----
Iron	7439-89-6	0.05	mg/L		<0.05	**6.39**	<0.05	----	----
EG035F: Dissolved Mercury by FIMS									
Mercury	7439-97-6	0.0001	mg/L		<0.0001	<0.0001	<0.0001	----	----
EK055G: Ammonia as N by Discrete Analyser									
Ammonia as N	7664-41-7	0.01	mg/L		<0.01	**1.65**	**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	----	----
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N	14797-55-8	0.01	mg/L		<0.01	<0.01	**0.17**	----	----
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		<0.01	<0.01	**0.17**	----	----
EK067FG: Filtered Total Phosphorus as P by Discrete Analyser									
Filtered Total Phosphorus as P	----	0.01	mg/L		<0.01	<0.01	**0.07**	----	----
EK067G: Total Phosphorus as P by Discrete Analyser									

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	VKY-GW-Blank QFKPVVNZ-51	VKY GW Lab Split Dup 1 QFKPVVNZ-52	VKY GW Lab Split Dup 2 QFKPVVNZ-53	----	----
				Sampling date / time	13-Apr-2026 08:00	08-Apr-2026 11:24	13-Apr-2026 00:00	----	----
Compound	CAS Number	LOR	Unit		EN2605837-051	EN2605837-052	EN2605837-053	--------	--------
					Result	Result	Result	----	----
EK067G: Total Phosphorus as P by Discrete Analyser - Continued									
Total Phosphorus as P	----	0.01	mg/L		<0.01	**0.04**	**0.18**	**----**	**----**
EN055: Ionic Balance									
ø Total Anions	----	0.01	meq/L		**0.68**	**45.9**	**10.1**	**----**	**----**
ø Total Cations	----	0.01	meq/L		**0.65**	**41.2**	**9.54**	**----**	**----**
ø Ionic Balance	----	0.01	%		**----**	**5.38**	**2.94**	**----**	**----**
EP020: Oil and Grease (O&G)									
Oil & Grease	----	5	mg/L		<5	<5	<5	**----**	**----**
EP025: Oxygen - Dissolved (DO)									
Dissolved Oxygen	----	0.1	mg/L		**9.3**	**7.3**	**7.6**	**----**	**----**

Inter-Laboratory Testing

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

(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
(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

Appendix D Quality Trigger Level Anlaysis

Vickery Extension Project Groundwater Monitoring Report

Quarterly Review February 2026 – April 2026

Whitehaven Coal Ltd

SLR Project No.: 640.031099.00001

23 June 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	Apr-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	7.46
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	7.58
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	7.28
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	7.78
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	7.08
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	7.28
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	7.14
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	9.08
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	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	7.87
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	7.62
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	8.25
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	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	8.27
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	6.80
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	6.77
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	8.24
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	6.69
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	7.30
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	7.29
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	7.57
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	7.70

Bore	Trigger Level		Oct/Nov-23	Jan-24	Apr-24	Jul-24	Oct-24	Jan-25	Apr-25	Jul-25	Oct-25	Jan-26	Apr-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	7.69
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	7.75
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	7.57
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	7.53
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	7.62
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	7.66
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	7.35
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	6.92
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	7.14
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	6.83
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	6.97
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	7.31
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	7.07
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	7.28
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	6.93
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	6.95
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	7.07
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	7.05
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	7.17
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	6.83
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	7.40
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	7.05
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	7.61

Bore	Trigger Level		Oct/Nov-23	Jan-24	Apr-24	Jul-24	Oct-24	Jan-25	Apr-25	Jul-25	Oct-25	Jan-26	Apr-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	6.65
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	6.63

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	Apr-26
GW01	10,083	1,042	1,265	1,384	1,052	738	1,244	244	1,388	914	612	1,446
GW02	969	731	971	926	1,065	1,016	992	872	936	981	718	962
GW03	811	862	888	862	947	1,004	983	872	909	896	Field: 635 Lab: 850	Field: 911 Lab: 828
GW-10	12,315	no data	no data	no data	no data	1,438	1,423	1,808	1,806	1,950	1,191	1,625
GW-11	4,912	4,360	4,340	4,520	4,760	4,760	4,310	4,750	4,570	4,790	3,610	4,880
GW-13	12,315	no data	no data	no data	no data	1,647	1,570	822	1,009	858	628	858
GW-14	10,083	no data	no data	no data	no data	3,840	4,260	3,360	3,710	4,230	3,210	3,850
GW-15	10,083	no data	no data	no data	no data	638	644	680	740	754	591	812
GW-2	10,083	no data	no data	1,218	no data	1,226	1,339	1,191	1,254	1,386	939	1,271
GW-4	12,315	no data	no data	no data	no data	2,980	2,970	2,990	2,920	2,960	2,050	3,020
GW-6	12,315	no data	no data	no data	no data	1,459	1,256	1,388	1,453	no data	1,167	1,792
GW-7	5,378	4,300	4,490	4,560	4,710	4,470	4,690	4,470	4,410	3,960	3,510	4,490
GW-8	12,315	4,290	3,950	4,000	4,100	3,930	4,350	4,200	4,690	3,370	no data	no data
GW-9	12,740	6,110	3,320	5,630	1,591	1,099	1,544	487	714	403	1,246	1,986
GW971400	10,083	no data	no data	no data	no data	2,458	2,810*	2,159	no data	2420.00	2,100	No data
GW971614	10,083	no data	no data	no data	no data	651	608	681	769	562	2,080	No data
MD01	12,315	1,799	1,786	1,283	1,505	1,787	1,519	1,438	1,969	1,737	1,303	1,740
MD02	12,315	1,195	1,306	1,210	1,224	1,279	1,381	1,232	1,250	1,347	952	1,308
SB01	10,083	1,541	1,716	1,698	1,756	1,869	1,851	1,788	1,729	1,702	1,194	1,760
SB02	10,083	7,330	7,330	7,210	6,860	7,250	6,990	6,870	7,120	7,020	4,590	8,310

Bore	Trigger Level	Oct/Nov-23	Jan-24	Apr-24	Jul-24	Oct-24	Jan-25	Apr-25	Jul-25	Oct-25	Jan-26	Apr-26
SB04	10,083	2,680	3,360	1,868	2,390	2,289	3,420	2,184	2,790	2,067	1,613	2,231
SB05	10,083	3,740	3,690	3,680	3,490	3,790	3,660	3,300	3,500	3,540	2,540	3,680
SB06	10,083	3,280	3,460	3,410	3,440	2,790	3,160	2,930	3,240	2,550	2,120	3,290
SB07	10,083	770	919	934	978	1,042	1,009	908	925	951	665	968
SB08	10,083	983	1,115	1,039	1,088	388	1,154	1,035	1,153	1,041	747	1,088
SB09	10,083	949	1,014	973	1,013	1,130	1,045	1,054	1,027	1,045	676	1,008
SB10	10,083	1,880	1,972	1,859	1,928	2,200	2,086	1,839	2,066	1,681	1,319	1,806
SB11	10,083	1,080	1,021	1,048	461	1,266	1,209	1,144	1,172	1,159	762	1,163
SB15	10,083	1,019	1,070	972	1,049	1,143	1,163	1,052	962	1,087	741	1,085
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	Field: 13,270 Lab: 13,000
TR26	12,315	6,290	8,380	5,180	7,330	6,090	6,170	7,290	7,010	7,040	4,440	7,840
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	Field: 16,990 Lab: 15,800
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	Field: 15,760 Lab: 15,000
VKY034C	12,315	3,590	3,850	4,030	4,170	3,970	3,910	3,840	3,950	3,870	2,940	3,720
VKY035C	12,315	3,110	3,340	3,230	3,290	3,330	3,220	3,170	3,300	3,340	2,560	3,280
VKY036C	12,315	5,600	5,810	5,780	5,830	6,020	2,980	5,720	5,810	5,920	4,410	5,680

Bore	Trigger Level	Oct/Nov-23	Jan-24	Apr-24	Jul-24	Oct-24	Jan-25	Apr-25	Jul-25	Oct-25	Jan-26	Apr-26
VKY042C	12,315	5,420	5,430	5,480	5,990	5,850	5,590	5,510	5,550	5,780	4,340	5,440
VKY043C	12,315	2,990	3,410	3,410	3,290	3,050	3,240	3,510	3,050	3,060	626	7,960
VNW223	10,120	5,940	no data	no data	no data	5,360	4,390	4,570	4,060	4,550	3,850	5,700
VNW390	12,315	2,300	2,376	2,291	2,473	2,431	2,629	2,330	2,460	2,276	1,793	2,424
VNW391	12,315	2,530	2,471	2,352	2,458	2,424	2,550	2,308	2,420	2,490	2,062	2,650
VNW392	12,315	3,690	3,310	3,480	3,510	3,410	3,480	3,340	3,480	3,580	2,680	3,590
VNW393	12,315	2,740	2,830	2,840	3,090	3,140	3,210	3,100	3,190	3,210	2,450	3,240
VNW394	10,083	5,520	5,410	5,400	5,620	5,420	5,480	5,520	5,440	5,190	4,620	5,890
VNW395	10,083	463	1,395	1,681	1,832	1,834	2,153	2,280	2,440	2,580	1,675	2,458
WR1	10,083	no data	no data	26,500	26,800	26,800	25,400	27,300	25,580	23,500	20,500	27,100
WR2	10,083	no data	no data	25,340	26,600	26,600	27,900	26,100	26,800	22,900	19,790	26,120

Note: Reported as field EC value in µS/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 µS/cm to 14,840 µS/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	Apr-26
GW01	365	96	171	132	54	111	132	28	210	85	106	171
GW02	365	77	74	81	102	79	91	89	80	78	68	82
GW03	365	52	56	58	46	54	53	62	55	54	54	46
GW-10	86	no data	no data	no data	no data	7	21	<10	41	<1	<5	<10
GW-11	365	<1	1	<1	1	<1	3	<1	<1	<1	1	<1
GW-13	86	no data	no data	no data	no data	24	26	<10	15	30	4	<1
GW-14	365	no data	no data	no data	no data	435	462	483	383	394	458	393
GW-15	365	no data	no data	no data	no data	28	28	34	34	34	35	35
GW-2	365	no data	no data	23	no data	26	23	22	22	24	90	22
GW-4	86	no data	no data	no data	no data	15	<1	<1	1	<1	3	<1
GW-6	86	no data	no data	no data	no data	<1	<1	<1	<1	no data	<1	<1
GW-7	86	364	385	399	380	396	414	354	362	331	340	355
GW-8	86	no data	100	109	72	82	109	77	112	53	no data	No data
GW-9	86	102	128	51	25	28	<1	40	59	23	59	51
GW971400	365	no data	no data	no data	no data	425	477	355	no data	437	464	350
GW971614	365	no data	no data	no data	no data	32	30	31	31	34	472	32
MD01	86	22	23	26	36	14	33	32	37	54	53	42
MD02	86	28	29	28	29	29	28	33	27	28	35	27
SB01	365	182	183	190	148	193	216	180	182	165	172	186
SB02	365	1,120	no data	1,160	741	1,110	1,280	1,110	1,080	928	1,050	1,250
SB04	365	284	394	220	195	208	413	269	263	226	230	214
SB05	365	735	551	520	595	496	447	380	400	463	513	452

Bore	Trigger Level	Oct/Nov-23	Jan-24	Apr-24	Jul-24	Oct-24	Jan-25	Apr-25	Jul-25	Oct-25	Jan-26	Apr-26
SB06	365	372	362	362	324	307	366	359	414	304	391	399
SB07	365	74	74	78	66	71	89	85	72	71	69	77
SB08	365	86	87	88	79	74	97	77	80	75	72	64
SB09	365	71	63	70	62	67	78	59	74	66	67	68
SB10	365	190	188	196	168	198	238	172	197	162	169	172
SB11	365	85	72	93	80	85	106	76	89	84	84	76
SB15	365	90	79	95	53	98	119	84	95	91	87	75
TR18	86	702	620	592	622	626	630	552	644	602	678	616
TR26	86	194	230	180	198	195	229	217	211	180	196	277
TR35	86	660	651	622	624	624	526	562	631	611	650	613
TR7	365	508	714	501	518	563	458	507	702	517	559	639
VKY034C	86	123	185	116	98	90	115	117	138	94	106	104
VKY035C	86	87	77	88	73	68	83	77	80	278	66	77
VKY036C	86	244	294	281	100	174	190	174	149	168	218	144
VKY042C	86	302	309	312	283	326	307	316	314	304	298	308
VKY043C	86	<1	<1	<1	<1	<1	<1	<1	<1	<1	47	432
VNW223	365	97	no data	no data	no data	164	91	266	308	322	180	135
VNW390	86	95	95	106	55	104	107	106	102	87	91	74
VNW391	86	88	88	96	52	86	101	97	101	97	126	124
VNW392	86	no data	284	296	263	314	300	266	313	285	289	288
VNW393	86	179	185	200	165	202	205	212	197	178	170	178
VNW394	365	no data	551	560	574	591	498	535	573	582	591	602
VNW395	365	14	61	143	91	131	147	151	128	18	167	177

Bore	Trigger Level	Oct/Nov-23	Jan-24	Apr-24	Jul-24	Oct-24	Jan-25	Apr-25	Jul-25	Oct-25	Jan-26	Apr-26
WR1	365	no data	no data	1,320	901	1,280	1,490	1120	1,250	1,100	1,050	1,130
WR2	365	no data	no data	1,540	1,120	1,670	1,790	1250	1,480	1,340	1,240	1,350

Note: Sulfate as SO_4 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	<).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

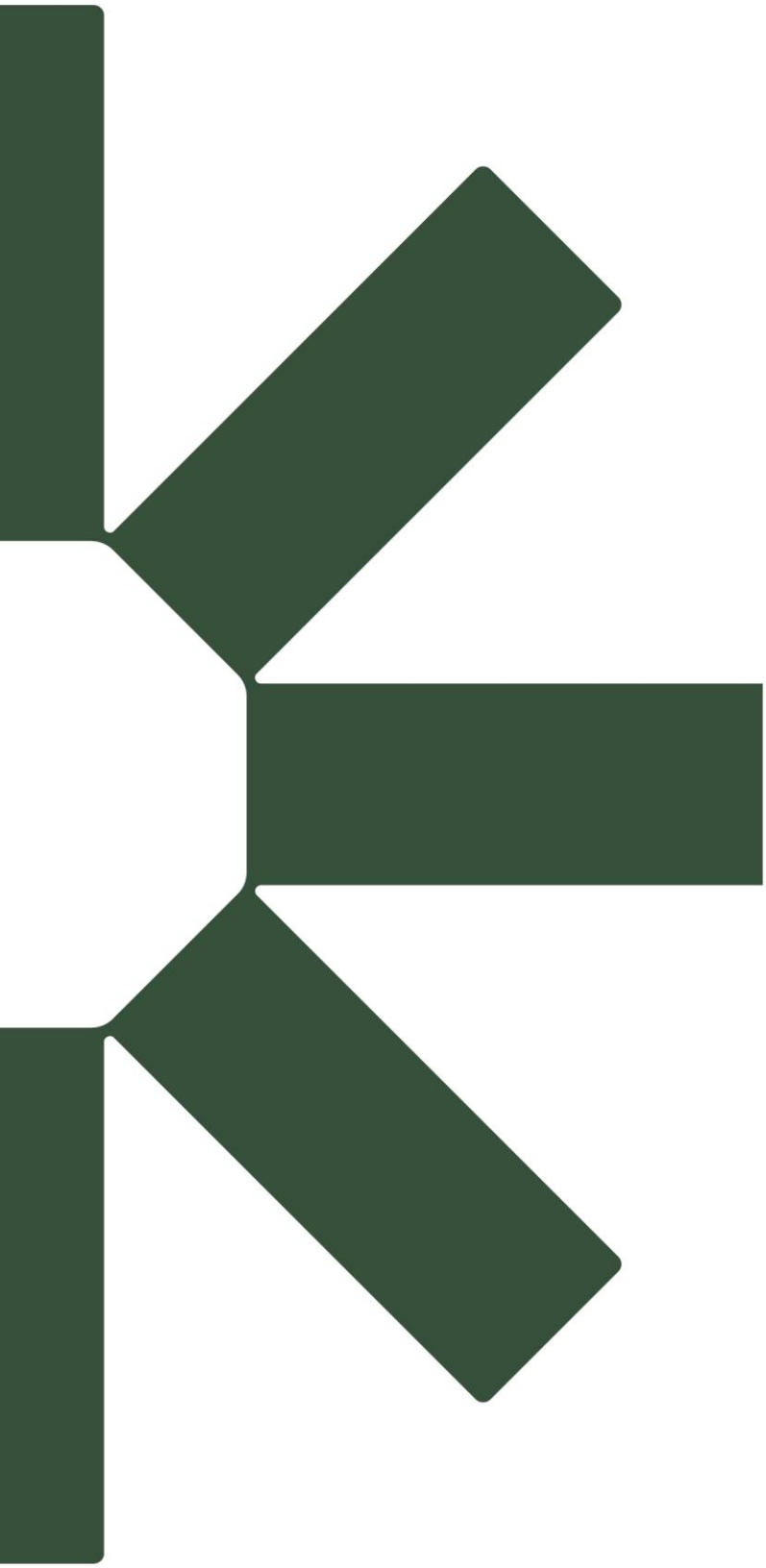
Bore ID	Date	Al	Sb	As	Bo	Cd	Cr	Co	Cu	Pb	Mn	Hg	Mo	Ni	Se	Ag	Zn
Unit		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DGV		0.055	0.009	0.013	0.94	0.0002	0.001	0.0014	0.0014	0.0034	1.9	0.0006	0.034	0.011	0.011	0.00005	0.008
VNW395	Oct-25	<0.01	<0.001	<0.001	0.06	<0.0001	<0.001	<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
GW-10	Apr-26	<0.01	0.003	0.001	0.12	<0.0001	<0.001	<0.001	0.059	<0.001	0.062	<0.0001	0.001	0.004	<0.01	<0.001	0.116
GW-11	Apr-26	<0.01	<0.001	<0.001	0.11	<0.0001	<0.001	<0.001	<0.001	<0.001	0.786	<0.0001	<0.001	<0.001	<0.01	<0.001	0.033
GW-13	Apr-26	0.01	<0.001	0.001	0.05	<0.0001	<0.001	0.002	0.003	<0.001	0.321	<0.0001	<0.001	0.004	<0.01	<0.001	0.026
GW-14	Apr-26	<0.01	<0.001	0.001	0.06	<0.0001	<0.001	<0.001	<0.001	<0.001	0.008	<0.0001	<0.001	<0.001	<0.01	<0.001	0.017

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-15	Apr-26	<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	0.007
GW-2	Apr-26	<0.01	<0.001	0.002	<0.05	<0.0001	0.004	<0.001	<0.001	<0.001	0.002	<0.0001	<0.001	<0.001	<0.01	<0.001	0.006
GW-4	Apr-26	<0.01	<0.001	0.002	0.12	<0.0001	<0.001	<0.001	<0.001	<0.001	0.009	<0.0001	<0.001	0.001	<0.01	<0.001	<0.005
GW-6	Apr-26	<0.01	<0.001	<0.001	0.07	<0.0001	<0.001	<0.001	<0.001	<0.001	0.014	<0.0001	<0.001	<0.001	<0.01	<0.001	<0.005
GW-7	Apr-26	<0.01	<0.001	<0.001	0.14	<0.0001	<0.001	<0.001	0.001	<0.001	0.052	<0.0001	0.002	<0.001	<0.01	<0.001	<0.005
GW-9	Apr-26	<0.01	<0.001	<0.001	<0.05	<0.0001	<0.001	<0.001	0.001	<0.001	0.174	<0.0001	<0.001	<0.001	<0.01	<0.001	<0.005
GW01	Apr-26	<0.01	<0.001	<0.001	0.06	<0.0001	<0.001	<0.001	0.001	<0.001	0.243	<0.0001	<0.001	0.001	<0.01	<0.001	0.006
GW02	Apr-26	<0.01	<0.001	<0.001	0.06	<0.0001	<0.001	<0.001	0.003	<0.001	0.021	<0.0001	<0.001	<0.001	<0.01	<0.001	0.013
GW03	Apr-26	<0.01	<0.001	<0.001	<0.05	<0.0001	<0.001	<0.001	0.002	<0.001	0.003	<0.0001	<0.001	<0.001	<0.01	<0.001	0.005
GW03	Apr-26	<0.01	<0.001	<0.001	<0.05	<0.0001	<0.001	<0.001	0.01	<0.001	0.019	<0.0001	<0.001	0.001	<0.01	<0.001	0.039
GW971400	Apr-26	<0.01	<0.001	<0.001	<0.05	<0.0001	<0.001	<0.001	<0.001	<0.001	0.004	<0.0001	<0.001	0.011	<0.01	<0.001	<0.005
GW971614	Apr-26	<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	0.033
MD01	Apr-26	0.02	<0.001	<0.001	<0.05	<0.0001	<0.001	<0.001	<0.001	<0.001	0.02	<0.0001	0.009	0.003	<0.01	<0.001	0.006
MD02	Apr-26	<0.01	<0.001	<0.001	<0.05	<0.0001	<0.001	<0.001	<0.001	<0.001	0.055	<0.0001	0.003	0.013	<0.01	<0.001	0.008
MD03	Apr-26	<0.01	<0.001	0.003	0.1	<0.0001	<0.001	0.004	<0.001	<0.001	1.18	<0.0001	0.005	0.004	<0.01	<0.001	0.023
SB01	Apr-26	<0.01	<0.001	0.001	0.06	<0.0001	<0.001	<0.001	<0.001	<0.001	0.214	<0.0001	0.001	0.002	<0.01	<0.001	0.013
SB02	Apr-26	<0.01	<0.001	0.003	0.14	<0.0001	<0.001	0.002	<0.001	<0.001	0.838	<0.0001	0.004	0.001	<0.01	<0.001	0.009
SB04	Apr-26	<0.01	<0.001	<0.001	0.08	<0.0001	<0.001	<0.001	<0.001	<0.001	0.092	<0.0001	<0.001	<0.001	<0.01	<0.001	<0.005
SB05	Apr-26	<0.01	<0.001	0.004	0.13	<0.0001	<0.001	<0.001	<0.001	<0.001	0.199	<0.0001	0.003	<0.001	<0.01	<0.001	0.007
SB06	Apr-26	<0.01	<0.001	0.003	0.12	<0.0001	<0.001	0.001	0.001	<0.001	0.615	<0.0001	0.003	0.001	<0.01	<0.001	0.005
SB07	Apr-26	0.06	<0.001	<0.001	0.06	<0.0001	0.004	<0.001	0.01	<0.001	0.002	<0.0001	0.001	<0.001	<0.01	<0.001	0.021
SB08	Apr-26	<0.01	<0.001	<0.001	0.06	<0.0001	<0.001	<0.001	0.012	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.01	<0.001	0.013

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
SB09	Apr-26	<0.01	<0.001	<0.001	0.06	<0.0001	<0.001	<0.001	<0.001	<0.001	0.319	<0.0001	0.001	<0.001	<0.01	<0.001	<0.005
SB10	Apr-26	<0.01	<0.001	0.003	0.09	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	0.003	<0.001	<0.01	<0.001	<0.005
SB11	Apr-26	<0.01	<0.001	<0.001	0.07	<0.0001	<0.001	<0.001	0.002	<0.001	0.002	<0.0001	<0.001	<0.001	<0.01	<0.001	0.007
SB15	Apr-26	<0.01	<0.001	<0.001	0.06	<0.0001	<0.001	<0.001	0.003	<0.001	0.008	<0.0001	<0.001	<0.001	<0.01	<0.001	0.01
TR18	Apr-26	<0.01	<0.001	<0.001	0.07	<0.0001	<0.001	0.003	<0.001	<0.001	0.3	<0.0001	0.003	0.027	<0.01	<0.001	0.015
TR26	Apr-26	<0.01	<0.001	<0.001	0.09	<0.0001	<0.001	<0.001	0.002	<0.001	0.041	<0.0001	0.002	0.003	<0.01	<0.001	0.019
TR35	Apr-26	<0.01	<0.001	<0.001	0.06	<0.0001	<0.001	0.004	2.6	<0.001	0.276	<0.0001	<0.001	0.003	<0.01	<0.001	0.022
TR7	Apr-26	<0.01	<0.001	<0.001	0.06	<0.0001	<0.001	0.002	<0.001	<0.001	0.088	<0.0001	0.001	0.006	<0.01	<0.001	0.01
VKY GW Duplicate 1	Apr-26	<0.01	<0.001	<0.001	0.1	<0.0001	<0.001	<0.001	0.002	<0.001	0.774	<0.0001	<0.001	<0.001	<0.01	<0.001	0.027
VKY GW Duplicate 2	Apr-26	<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
VKY GW Lab Split Dup 1	Apr-26	<0.01	<0.001	<0.001	0.11	<0.0001	<0.001	<0.001	0.002	<0.001	0.805	<0.0001	<0.001	<0.001	<0.01	<0.001	0.032
VKY GW Lab Split Dup 2	Apr-26	<0.01	<0.001	<0.001	<0.05	<0.0001	<0.001	<0.001	0.01	<0.001	0.018	<0.0001	<0.001	0.001	<0.01	<0.001	0.053
VKY-GW-Blank	Apr-26	<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	0.019
VKY0034C	Apr-26	<0.01	<0.001	<0.001	<0.05	<0.0001	<0.001	<0.001	<0.001	<0.001	0.026	<0.0001	<0.001	<0.001	<0.01	<0.001	0.009
VKY0035C	Apr-26	<0.01	<0.001	0.003	<0.05	<0.0001	0.001	<0.001	0.001	<0.001	0.285	<0.0001	0.007	0.005	<0.01	<0.001	0.014
VKY0036C	Apr-26	<0.01	<0.001	0.009	0.08	<0.0001	<0.001	<0.001	<0.001	<0.001	0.145	<0.0001	0.004	0.001	<0.01	<0.001	<0.005
VKY0042C	Apr-26	<0.01	<0.001	<0.001	0.05	<0.0001	<0.001	<0.001	0.003	<0.001	0.19	<0.0001	<0.001	0.001	<0.01	<0.001	0.013
VKY0043C	Apr-26	<0.01	0.001	0.009	0.07	0.0002	<0.001	0.003	0.011	<0.001	0.683	<0.0001	0.001	0.002	<0.01	<0.001	0.041
VNW223/P-3	Apr-26	<0.01	<0.001	<0.001	0.06	<0.0001	<0.001	<0.001	0.005	<0.001	0.008	<0.0001	0.001	0.002	<0.01	<0.001	0.013
VNW390	Apr-26	<0.01	<0.001	0.001	0.12	<0.0001	<0.001	<0.001	<0.001	<0.001	0.192	<0.0001	0.007	0.019	<0.01	<0.001	0.026
VNW391	Apr-26	<0.01	<0.001	0.001	0.09	0.0001	<0.001	<0.001	0.008	<0.001	0.075	<0.0001	<0.001	<0.001	<0.01	<0.001	0.035
VNW392	Apr-26	<0.01	<0.001	0.002	0.09	<0.0001	<0.001	0.002	<0.001	<0.001	0.561	<0.0001	0.002	0.012	<0.01	<0.001	0.012

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	**Apr-26**	<0.01	<0.001	<0.001	0.08	<0.0001	<0.001	<0.001	<0.001	<0.001	0.165	<0.0001	0.004	0.004	<0.01	<0.001	0.011
VNW394	**Apr-26**	<0.01	<0.001	0.004	0.06	<0.0001	<0.001	0.007	<0.001	<0.001	0.347	<0.0001	0.002	0.003	<0.01	<0.001	0.009
VNW395	**Apr-26**	<0.01	<0.001	0.001	<0.05	<0.0001	<0.001	<0.001	0.014	<0.001	<0.001	<0.0001	0.004	0.008	<0.01	<0.001	<0.005
WR1	**Apr-26**	<0.01	<0.001	<0.001	0.15	0.0003	<0.001	0.004	2.41	<0.001	0.131	0.0072	0.001	0.019	<0.01	<0.001	0.019
WR2	**Apr-26**	<0.01	<0.001	<0.001	0.11	0.0002	0.001	0.017	0.102	<0.001	1.03	<0.0001	0.007	0.052	<0.01	<0.001	0.019

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