Environmental Performance Report 2026 Q1: October to December

Woodlawn Zinc Copper Mine

Document Review/Change History

Date	Summary of review and changes	Revision No.	Authors	
			Drafted by	Reviewed by
02/02/2026	All monitoring data received from laboratory	A	OE	-
04/02/2026	Document finalised	0	OE	KC

Contents

TABLES

Graphs

Appendices

1. INTRODUCTION

1.1. EPL License information

Details of the Environmental Protection License (EPL) are summarised in Table 1-1.

Table 1-1 EPL details

EPL No.	20821
Licensee	Tarago Operations Pty Ltd
Licensee address	Woodlawn Mine 507 Collector Road TARAGO NSW 2580
Link to full licence on the EPA website	19 December 2023 Version: https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEONotice.aspx?DOCID=-1&SYSUID=1&LICID=1635655

1.2. Background

The Woodlawn Zinc-Copper mine (the Project) is located approximately 7 km northwest of Tarago in New South Wales (NSW) within Special (Crown and Private Land) Mining Lease 20 (SML20). The original Woodlawn mine operated from 1978 to 1998 and processed 13.8Mt of ore from the Woodlawn open pit, underground and minor satellite deposits. Following its prolonged closure, the Project was acquired by ASX-listed Heron Resources who secured Project Approval in July 2013 following the public exhibition of an Environmental Assessment (EA). Heron completed the construction of the project and developed the new underground mine in accordance with the Project Approval before it was put on care and maintenance in March 2020. Heron was placed in administration in July 2021. Develop Global Limited (DEVELOP) completed its acquisition of the Project in May 2022 including Tarago Operations Pty Limited which holds Special Mining Lease (SML) 20 and EPL 20821. Veolia operates an eco-precinct, including a licensed landfill, within SML20 but separated from the project and has separate EPL's as per Plan 1 in Appendix 1. 10 turbines as part of the Capital Windfarm operated by Iberdrola are also located within the mining lease and covered by a separate EPL.

Monthly reports were produced up until March 2025 when quarterly reports were subsequently introduced to align with the updated Environmental Management Strategy and the quarterly sampling frequency for water sampling. The quarters are as follows:

- Q1: July to September
- Q2: October to December
- Q3: January to March
- Q4: April to June

1.3. Purpose

The purpose of this environmental performance report is to provide regular updates of monitoring data in accordance with the requirements of NSW Environmental Protection License (EPL) 20821, Section 66(6) of the Protection of the Environment Operations Act 1997 (POEO Act) and the mining lease, SML 20. Copies of the key regulatory documents are provided on DEVELOP's website: https://www.develop.com.au/woodlawn-sustainability/

A complaints register is available on the same website (under the link '*community documents')* and is updated monthly.

2. MONITORING SITES AND LIMITS

2.1. Monitoring sites with limits

The monitoring sites associated with prescribed limits are summarised in Table 2-2. The locations of these are presented on Plan 2, Appendix 1. For privacy reason's specific locations of noise monitoring locations are not included on this plan. Their location is further described in Section 3.3.

Table 2-2 Summary of monitoring results and limits

Pollutant	Units of measure	Monitoring frequency	Monitoring sites	Limit
Deposited dust	g/m^2/ month	Monthly	DG28	4[a]: Maximum total deposited dust level 2[b]: Maximum increase in deposited dust level
TSP	µg/m^3	24 hrs every six days	High Volume Air Sampler (HVAS)	90[c]: annual average
PM10	µg/m^3	24 hrs every six days	HVAS	30[d]: annual average 50[d]: 24 hour average
Noise	LAeq, 15 min	Monthly	NM001 NM002	35: day, evening, night
	LA1(max)			45: night
Airblast[f]	dB(Lin Peak)	-[f]	-[f]	Anytime: 120 (0% allowable exceedance) Day: 115 (5% allowable exceedance of the total number of blasts over a period of 12 months)
Ground vibration	mm/s	-[g]	-[g]	Anytime: 10 (0% allowable exceedance) Day: 5 (5% allowable exceedance of the total number of blasts over a period of 12 months) Evening: 2 (5% allowable exceedance of the total number of blasts over a period of 12 months) Night and all day on Sundays and public holidays: 1 (0% allowable exceedance)

Explanation of units of measurement

- g/m^2/month: grams per square metre per month
- µg/m^3: micrograms per cubic metre mg/m^3: milligrams per cubic metre
- LAeq, 15 min: The equivalent continuous sound pressure level over 15 minutes using a filter which makes the measurement more representative of how humans perceive sound.
- dB: decibels
- mm/s: millimetres per second

[a] Total impact (i.e. Incremental increase in concentrations due to the project plus background concentrations due to all other sources).
[b] Incremental impact (i.e. incremental increase in concentrations due to the project on its own)
[c] Deposited dust is to be assessed as insoluble solids as defined by Standards Australia, AS/NZS 3580.10.1:2003: Methods for Sampling and Analysis of Ambient Air – Determination of Particulate Matter – Deposited Matter – Gravimetric Method.
[d] Excludes extraordinary events such as bushfires, prescribed burning, dust storms, fog, fire incidents or any other activity agreed by the Director-General.
[e] Total impact (i.e. Incremental increase in concentrations due to the project plus background concentrations due to all other sources).
[f] Only applicable to surface blasting which DEVELOP does not currently undertake
[g] Limit is only applicable to residences on any privately owned land. Due to distance from site there are currently no monitoring sites established. DEVELOP maintains an internal network of ground vibration monitors as further detailed in the Blast Management Plan available on the website.

2.2. Monitoring sites without limits

The monitoring sites that are required to be monitored by the EPL but are not associated with any prescribed limits are summarised in Table 2-3. In general, the annual analytes required are typically collected in Q1. It is noted that many of these monitoring sites are still associated with triggers for internal assessment and escalation as described in the various management plans. Comparison and comment on these are provided in the sites annual review available on the DEVLEOP website.

Table 2-3 Summary of monitoring sites not associated with limits

Medium	Monitoring sites	Monitoring analytes	Units of measure	Monitoring frequency
Deposited dust	DG22, DG33, DG34	Deposited dust	g/m^2/ month	Monthly
Surface water	115, 105, 100, 109, 300, TSF4	BOD, conductivity, dissolved oxygen, nitrogen (ammonia), potassium, TDS, TOC	mg/L	Quarterly
		pH	-	Quarterly
		Redox potential	mV	Quarterly
Groundwater	MB4, MB5, MB6, MB8, MB11, MB12, MB13, MB14, MB15, MB16, MB17	Alkalinity (as calcium carbonate), aluminium, arsenic, barium, cadmium, calcium, chloride, chromium (total), cobalt, copper, fluoride, lead, magnesium, manganese, mercury, nitrate, nitrite, nitrogen (ammonia), potassium, sodium, sulfate, total dissolved solids, total organic carbon, zinc	mg/L	Quarterly
		pH	-	Quarterly
		Standing water level	Metres	Quarterly
		Benzene, chromium (hexavalent), ethyl benzene, organochlorine pesticides, organophosphate pesticides, polycyclic aromatic hydrocarbons, toluene, total petroleum hydrocarbons, total phenolics, xylene	mg/L	Annually
Noise	NM005	Various as per noise management plan	LAeq, 15 min, LA1(max)	Monthly

Explanation of units of measurement
- g/m^2/month: grams per square metre per month
- mg/L: milligrams per litre
- mV: millivolts

3. MONITORING RESULTS

3.1. Meteorological data

Site weather is obtained from the meteorological station located at the EPL 11436 premises. A summary of the weather data is shown in Table 3-4.

Table 3-4 Weather station summary

Month	Average Temp min (°C)[1]	Average Temp max (°C)[1]	Total Rain (mm)	No. of wet days (total)	Avg wind speed (km/h)	Avg wind direction (deg)	Total evapo transpiration (mm)
October[1]	8.57	18.61	67.50	5	16.1	221	139.60[2]
November	9.55	20.00	54.50	11	15.7	219	159.00[2]
December[3]	11.63	24.04	32.50	9	13.6	182	189.60[2]

[1]5/10/2025 recorded 23 hours of data due to outage
[2]Evapotranspiration taken from Goulburn Weather Station data
[3]4/12/2025 recorded 21.7 hours of data due to outage

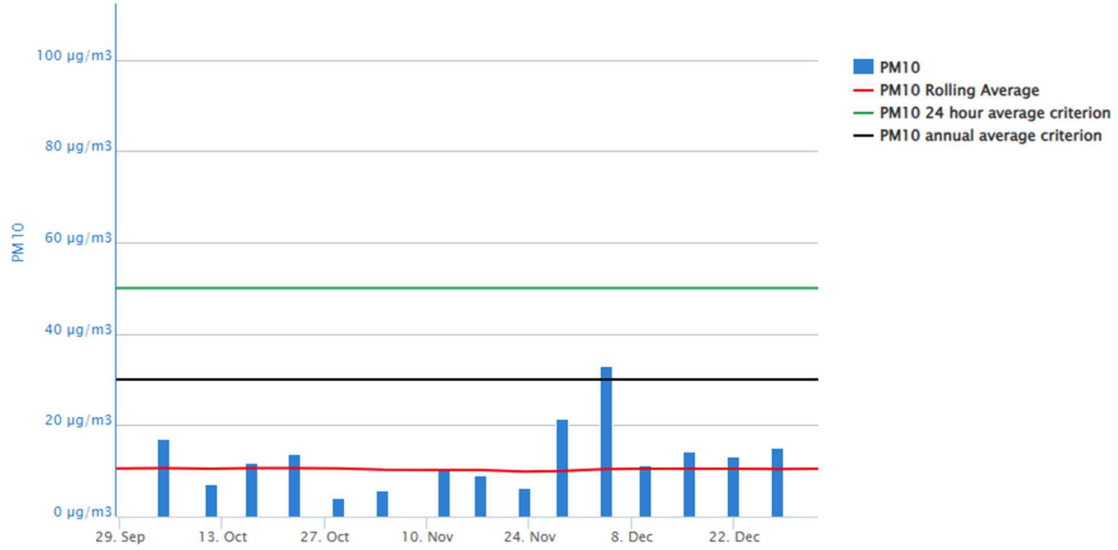
The wind rose for each month are presented in Appendix 2 which depicts the wind speed and direction recorded at 10 m above ground level.

3.2. Analytical results

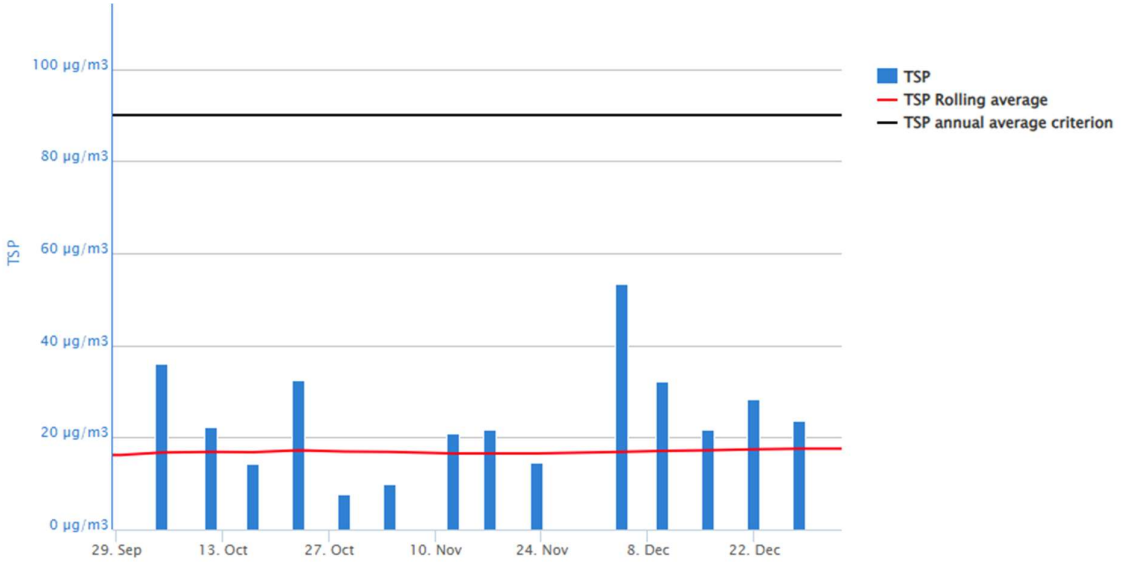
The quarterly results are presented in Appendix 3 for each location monitored and sampled. Locations are either sampled once (in the case of groundwater or surface water) or three times (in the case of deposited dust and noise monitoring).

The High Volume Air Sampler (HVAS) results for the quarter are presented in Graph 1 for the Particulate Matter less than 10 microgram per cubic meter (PM10 µg/m^3) and Graph 2 for the Total Suspended Particulate matter (TSP). The graphs also display the annual rolling average (red line) and any applicable criteria as described in Section 2.1.

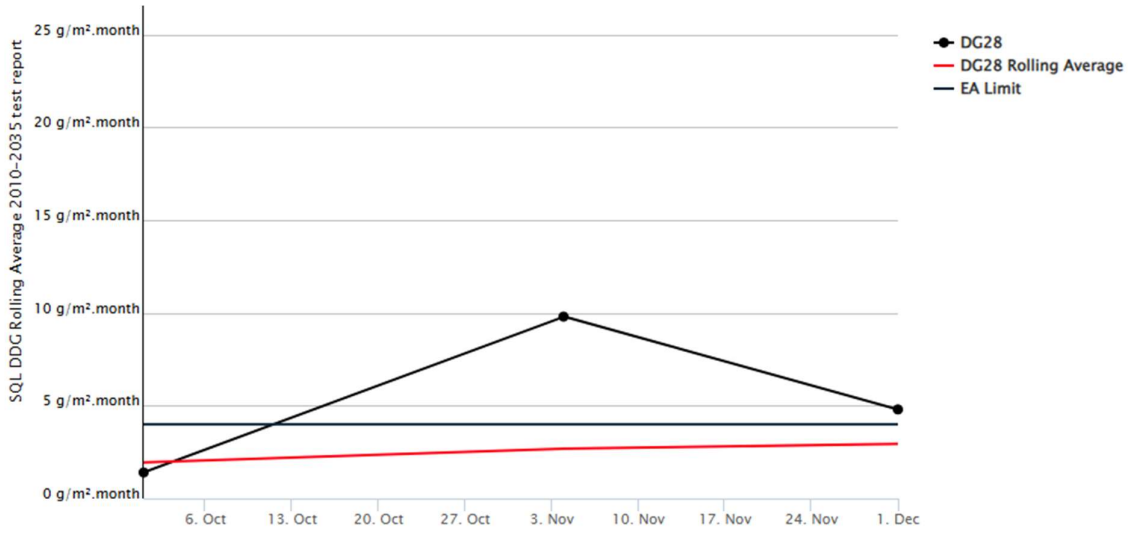
Deposited dust results for the nearest sensitive receptor (DG28) are presented in Graph 3 compared to the criteria as described in Section 2.1. Analytical results for the other monitoring sites which assess deposited dust are included in Appendix 3.



Graph 1 PM10 quarterly results and the rolling average compared to the applicable criterion



Graph 2 TSP quarterly results and the rolling average compared to the applicable criterion



Graph 3 Total Solids compared to the applicable criterion for DG28

3.3. Noise monitoring

Attended noise monitoring was completed during the month to evaluate the performance of the project and compare to the baseline levels for the area at the following locations:

- NM001 is located west of the project beyond the mining lease boundary on Taylors Creek Road.
- NM002 is located northwest of the project beyond the mining lease boundary on Collector Road.
- NM005 is located in the vicinity of DG28 as indicated on Plan 2, Appendix 1 which is owned by Veolia.

Noise monitoring recommenced in May to align with the significant re-start of the processing plant with the results presented in Table 3-6

Since the project is adjacent to other noise generating operations comparison of monitoring data is made with respect to the baseline noise survey completed in December 2024. The baseline noise survey determined ambient noise levels from unattended monitoring completed over a minimum of a 7 days period. The ambient noise level for each monitoring site is presented in Table 3-5. Monitoring data collected during operations is subsequently compared to these levels in order to make a determination of project compliance.

Table 3-5 Baseline ambient noise levels for each site

Timing	Monitoring Parameter	Units	NM001	NM002	NM005
Day 7 am to 6 pm Monday to Saturday, 8 am to 6 pm Sunday	LAeq, 15 min	dB	66	62	46
Evening 6 pm to 10 pm Monday to Sunday	LAeq, 15 min	dB	44	50	63
Night 10 pm to 7 am Monday to Saturday, 10 pm to 8 am Sunday	LAeq, 15 min	dB	45	46	45

Table 3-6 Attended noise monitoring results

Monitoring Parameter	Units	NM001			NM002			NM005		
Start date	-	15/10/2025	19/11/2025	10/12/2025	15/10/2025	19/11/2025	10/12/2025	15/10/2025	19/11/2025	10/12/2025
Start time	-	13:59	8:36	10:43	14:31	10:46	11:18	15:05	11:18	11:53
Wind Speed at microphone height	m/s	1.2	0	1.4	1.8	2.2	0	0.2	0	0
Wind Speed at ground level	m/s	0.1	0	0	1.5	1.9	0	0	0	0
Wind direction	-	Westerly	North-Easterly	Easterly	Westerly	North-Easterly	-	South-Westerly	North-Easterly	-
LAeq, 15 min	dB	36	40.2	49	41.9	45.5	44.8	48	55.5	44.2
LAFmin	dB	28.8	25.8	28.1	30.6	39.6	28.9	31.1	54.3	27.4
LA1(max)	dB	60.3	64.3	77.6	73.7	53.5	68.4	64.4	59.5	69.5
Comments		Sound not related to project	Sound not related to project	Sound not related to project	Sound not related to project	Sound not related to project	Minor detection of machinery related sounds, sound predominately not project related	Detection of evaporators, sound predominately not project related	Detection of evaporators, sound predominately not project related	Detection of evaporators, sound predominately not project related

3.4. Compliance summary

The results of the quarterly monitoring have been compared to the limits identified Section 2.1 and summarised in Table 3-7.

Table 3-7 Compliance summary

Pollutant	Monitoring sites	Compliant with limits	Comments
Deposited dust	DG28	Yes	In both the November and December samples there were significant spikes in insoluble matter concentrations. When the annual criterion is for depositional dust levels is applied, the average levels and rolling average levels (January – December 2025 period) were below the criterion for the entire quarter.
PM10	HVAS	Yes	Below criterion for entire quarter.
TSP	HVAS	Yes	Below criterion for entire quarter.
Noise	NM001	Yes	Below criterion for entire quarter.
	NM002	Yes	Below criterion for entire quarter.

Appendix 1 Plans

732000 736000 740000

6120000

6116000

SML 20 (The Woodlawn Site)

Enviroment Protection Licences

- EPL 20436 (Infigen Energy)
- EPL 20821 (Tarago Operations)
- EPL 20476 (Veolia MBT)
- EPL 11436 (Veolia Bioreactor)
- Woodlawn Windfarm Turbines
- Drainage Catchment Boundary

Local Government Area

- GOULBURN MULWAREE COUNCIL
- QUEANBEYAN-PALERANG REGIONAL COUNCIL
- Railways

ALLIANCE/VIGA CREEK

GOULBURN MULWAREE LGA

LAKE GEORGE CATCHMENT

EVAP. DAM 2 (ED2)

EVAP. DAM 1 (ED1)

COLLECTOR ROAD

Woodlawn Farm

CRISPS CREEK

Paste Plant

Veolia Bioreactor

Box Cut

Processing Plant

Tailings Dam (TSF 4)

Rehabilitated Waste Rock Dump

Tailings Dam North (TDN)

Tailings Dam West (TDW)

Tailings Dam South (TDS)

HAWKESBURY CATCHMENT

BONGARALABY CREEK

BRAIDWOOD ROAD

QUEANBEYAN-PALERANG REGIONAL LGA

Pylara Homestead

CRISPS CREEK

BUNGENDORE ROAD

MULWAREE RIVER

Tarago

GOULBURN STREET

MULWAREE

SYDNEY

SML20

CANBERRA

1 2 km

Scale: 1:32,000 MGA94 (Zone 55)

VTX-JOB-0386-MAP-01

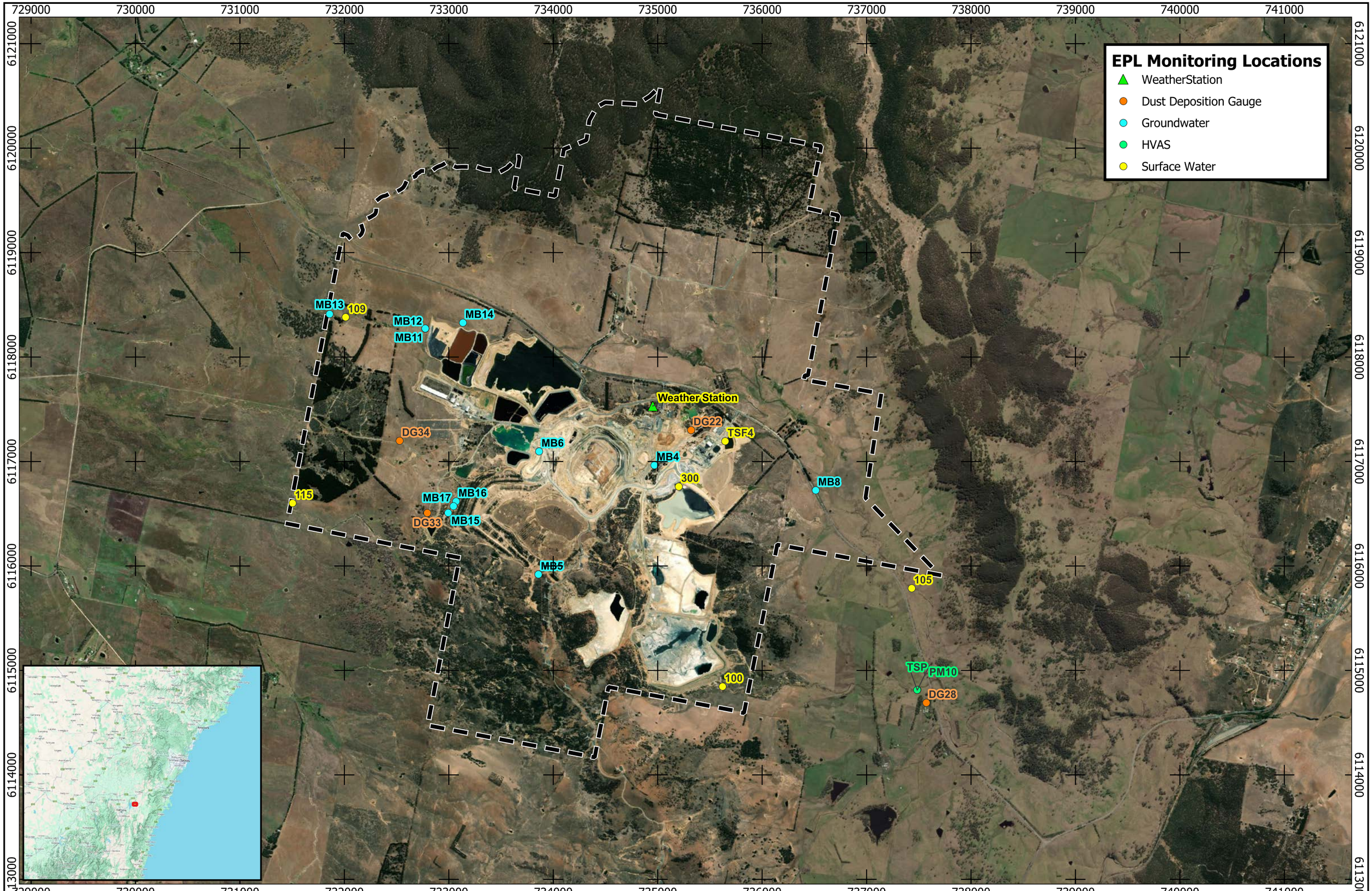
Date: 2024-11-19 | Rev: 03 | @A3

DEVELOP

Author: M Hinton | Requested By: K Crook

WOODLAWN ZINC COPPER PROJECT

Site Plan



500 1,000 m

Scale: 1:32,000 MGA94 (Zone 55)

VTX-JOB-0455-MAP-01 V2

Date: 2025-8-15	Rev: 01	@A3	Author: C Hobbs	Requested By: K Crook

DEVELOP

WOODLAWN ZINC COPPER PROJECT

EPL Monitoring Locations

Appendix 2 Monthly Wind Rose

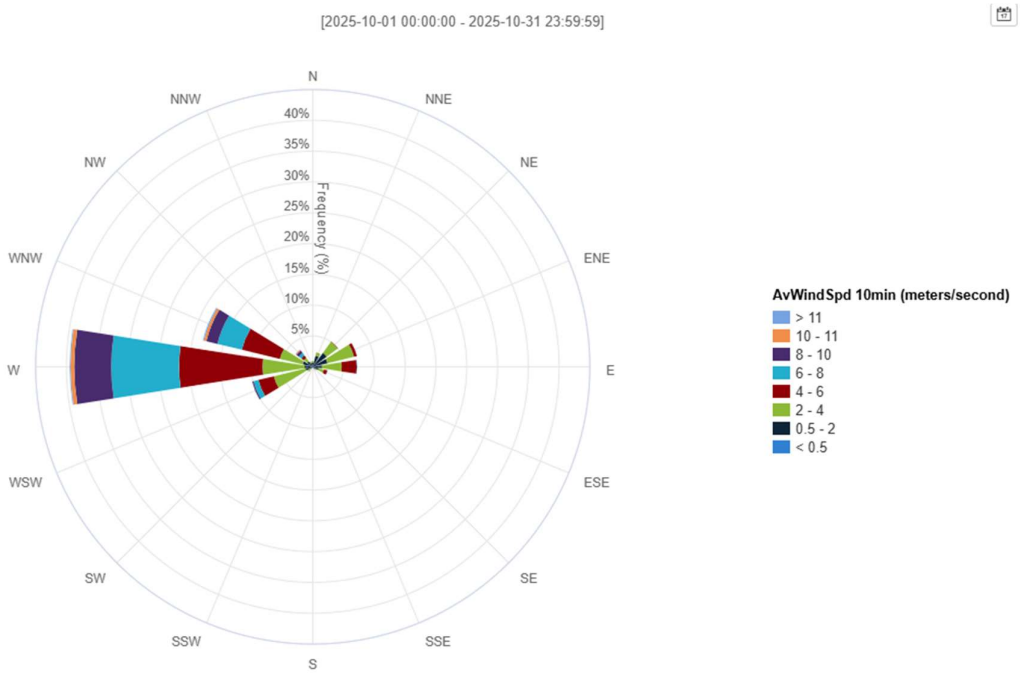


Figure 3-1 Wind rose for October 2025

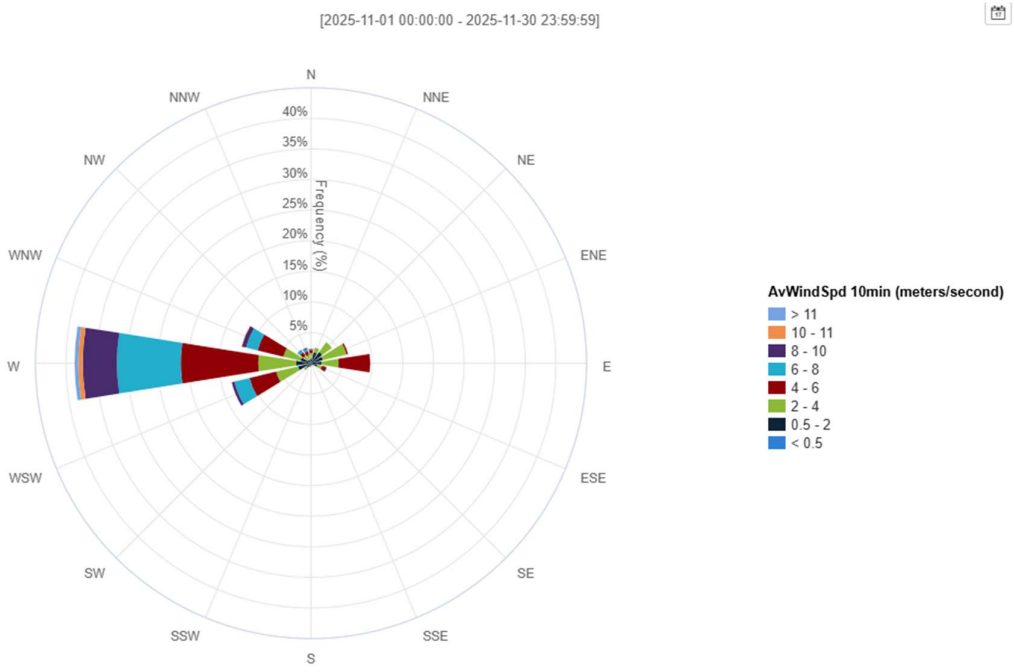


Figure 3-2 Wind rose for November 2025

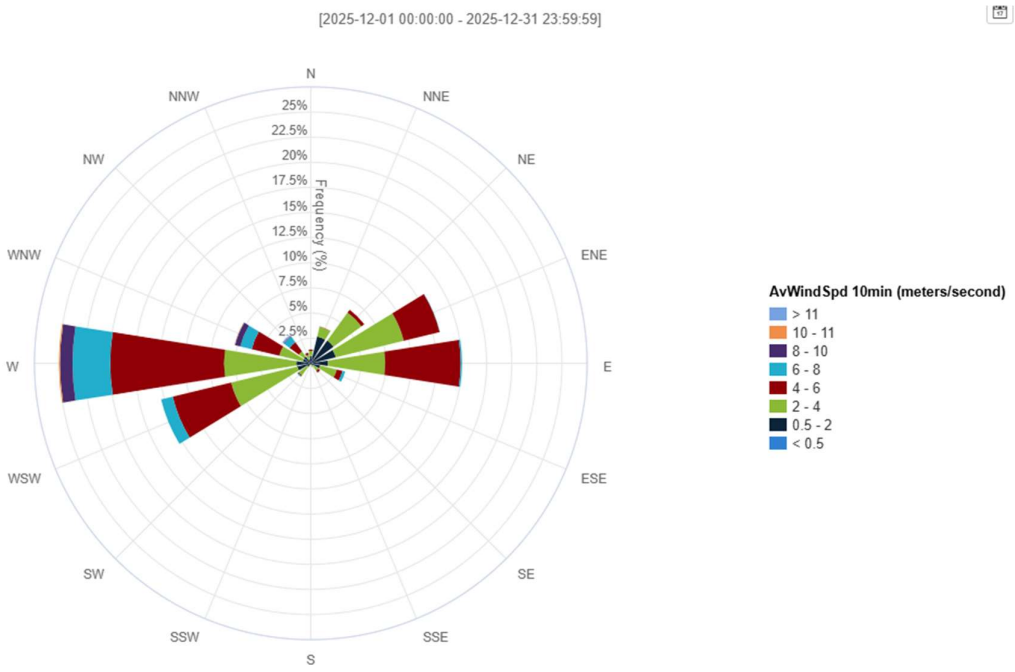


Figure 3-3 Wind rose for December 2025

Appendix 3 Monitoring Data

		Analyte FRACTION Unit	PM10 N µg/m3
Location	Sample Date	Lab Report	Result
PM10	5/10/2025	CA2506308	17.0
PM10	11/10/2025	CA2506308	7.1
PM10	17/10/2025	CA2506419	11.9
PM10	23/10/2025	CA2506651	13.8
PM10	29/10/2025	CA2506814	4.0
PM10	4/11/2025	CA2507021	5.8
PM10	12/11/2025	CA2507021	10.6
PM10	17/11/2025	CA2507179	9.2
PM10	23/11/2025	CA2507392	6.4
PM10	28/11/2025	CA2507552	21.5
PM10	4/12/2025	CA2507713	32.9
PM10	10/12/2025	CA2600148	11.3
PM10	16/12/2025	CA2600148	14.2
PM10	22/12/2025	CA2600148	13.2
PM10	28/12/2025	CA2600148	15.1
TSP	5/10/2025	CA2506308	36.1
TSP	11/10/2025	CA2506308	22.4
TSP	17/10/2025	CA2506419	14.3
TSP	23/10/2025	CA2506651	32.6
TSP	29/10/2025	CA2506814	7.7
TSP	4/11/2025	CA2507021	9.9
TSP	12/11/2025	CA2507021	20.8
TSP	17/11/2025	CA2507179	21.7
TSP	23/11/2025	CA2507392	14.6
TSP	4/12/2025	CA2507713	53.3
TSP	10/12/2025	CA2600148	32.3
TSP	16/12/2025	CA2600148	21.7
TSP	22/12/2025	CA2600148	28.3
TSP	28/12/2025	CA2600148	23.6

		Analyte FRACTION Unit	Ash Content N g/m².month	Total Insoluble Matter N g/m².month
Location	Sample Date	Lab Report	Result	Result
DG22	1/10/2025	CA2506085	0.67	1.0
DG22	4/11/2025	CA2506814	1.08	2.1
DG22	1/12/2025	CA2507392	1.08	2.4
DG28	1/10/2025	CA2506085	0.36	1.4
DG28	4/11/2025	CA2506814	4.79	9.8
DG28	1/12/2025	CA2507392	2.05	4.8
DG33	1/10/2025	CA2506085	1.46	2.0
DG33	4/11/2025	CA2506814	1.52	2.7
DG33	1/12/2025	CA2507392	1.61	3.7
DG34	1/10/2025	CA2506085	< 0.05	< 0.2
DG34	4/11/2025	CA2506814	1.51	0.6
DG34	1/12/2025	CA2507392	0.63	1.2

			Location	MB11	MB12	MB13	MB14	MB15	MB16	MB17	MB4	MB5	MB8
			Sample Date	7/10/2025	7/10/2025	22/10/2025	22/10/2025	8/10/2025	15/10/2025	15/10/2025	7/10/2025	15/10/2025	22/10/2025
Analyte	FRACTION	Unit	Lab Report	CA2506085	CA2506085	CA2506419	CA2506419	CA2506184	CA2506308	CA2506308	CA2506085	CA2506308	CA2506419
Aluminium	D	mg/L	Result	204	253	0.03	0.03	0.05	2660	0.04	0.04	31.2	0.02
Arsenic	D	mg/L	Result	0.045	0.048	< 0.001	< 0.001	< 0.001	0.224	< 0.01	< 0.001	0.006	< 0.001
Barium	D	mg/L	Result	0.0194	0.0172	0.0261	0.0063	0.0164	< 0.0500	0.0235	0.0375	0.0056	0.0781
Cadmium	D	mg/L	Result	19.9	20.6	0.00040	0.00026	0.00304	40.6	0.00774	0.00849	0.159	0.00021
Calcium	D	mg/L	Result	295	298	142	173	454	304	406	13.2	162	94.1
Chromium	D	mg/L	Result	0.019	0.020	< 0.002	< 0.002	< 0.002	0.127	0.003	< 0.002	< 0.002	< 0.002
Cobalt	D	mg/L	Result	9.81	11.4	0.0003	< 0.0002	0.0077	27.8	0.703	0.0230	1.11	< 0.0002
Copper	D	mg/L	Result	95	113	< 0.001	< 0.001	0.006	274	< 0.01	0.076	0.062	< 0.001
Lead	D	mg/L	Result	0.0041	0.0988	< 0.0002	< 0.0002	< 0.0002	0.285	< 0.0020	0.0129	0.0026	< 0.0002
Magnesium	D	mg/L	Result	4710	4400	175	212	1230	8250	3770	129	858	131
Manganese	D	mg/L	Result	398	408	0.0091	0.0008	8.61	760	68.4	0.124	35	0.0011
Mercury	D	mg/L	Result	< 0.0020	< 0.0020	< 0.0001	< 0.0001	< 0.0001	< 0.0100	< 0.0010	< 0.0001	< 0.0001	< 0.0001
Potassium	D	mg/L	Result	8.4	11.0	3.5	2.1	16.9	9.5	32.3	4.9	7.2	2.7
Sodium	D	mg/L	Result	1560	1590	273	155	312	164	723	233	422	392
Zinc	D	mg/L	Result	3560	3900	0.057	0.032	0.714	8440	91.7	2.19	182	0.029
Ammonia as N	N	mg/L	Result	0.4	0.7	< 0.1	< 0.1	< 0.1	6.3	< 0.1	< 0.1	0.3	< 0.1
Chloride	N	mg/L	Result	948	923	623	58.9	469	154	344	594	412	605
Dissolved Oxygen - Field	N	mg/L	Result	4.566493	1.295498	0.9131447	2.018315	2.132771	6.50957	4.536967	8.245459	2.53874	1.039853
Electrical Conductivity @ 25°C	N	µS/cm	Result	27700	27300	3360	2490	8490	37800	17500	2440	7980	3390
Fluoride	N	mg/L	Result	0.50	0.44	0.61	1.03	0.43	0.17	0.42	0.26	0.29	0.79
Nitrate as N	N	mg/L	Result	0.87	0.97	1.99	16.4	< 0.05	1.1	4.3	0.14	0.2	4.94
Nitrite as N	N	mg/L	Result	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	0.01	< 0.05	< 0.01
pH - Field	N	pH Unit	Result	4.035717	3.527475	6.52025	7.527994	6.091095	2.998397	5.627499	5.922516	3.942763	6.72124
Sulfate	N	mg/L	Result	27000	26800	41.0	1020	6500	65600	15100	206	5490	66.8
Total Alkalinity as CaCO3	N	mg/L	Result	< 1	< 1	650	258	484	< 1	318	28	< 1	588
Total Dissolved Solids 180°C	N	mg/L	Result	44100	44800	1980	2180	9740	94700	25000	1580	9840	1770
Total Organic Carbon (as NPOC)	N	mg/L	Result	6	6	6	2	3	19	10	2	3	2
Aluminium	T	mg/L	Result	224	280	0.03	0.03	0.18	2750	0.70	0.35	35.1	0.02
Arsenic	T	mg/L	Result	0.048	0.05	< 0.001	< 0.001	0.002	0.233	< 0.01	0.002	0.007	< 0.001
Barium	T	mg/L	Result	0.0242	0.0257	0.0268	0.0064	0.0215	< 0.0500	0.0308	0.0433	0.0060	0.0791
Cadmium	T	mg/L	Result	22.5	23.3	0.00042	0.00027	0.00350	41.3	0.0102	0.00850	0.167	0.00022
Calcium	T	mg/L	Result	322	329	145	177	498	323	422	14.0	171	99.6
Chromium	T	mg/L	Result	0.021	0.024	< 0.002	< 0.002	< 0.002	0.140	0.005	< 0.002	< 0.002	< 0.002
Cobalt	T	mg/L	Result	11.2	11.9	0.0003	< 0.0002	0.0080	28.8	0.772	0.0243	1.14	< 0.0002
Copper	T	mg/L	Result	108	118	< 0.001	< 0.001	0.017	275	0.058	0.091	0.084	< 0.001
Lead	T	mg/L	Result	0.0113	0.108	0.0003	< 0.0002	0.0108	0.283	0.0351	0.0272	0.0034	< 0.0002
Magnesium	T	mg/L	Result	4970	4780	188	224	1350	8600	4160	136	916	142
Manganese	T	mg/L	Result	450	425	0.0097	0.0009	8.89	771	74.3	0.133	38.4	0.0012
Mercury	T	mg/L	Result	< 0.0020	< 0.0020	< 0.0001	< 0.0001	< 0.0001	< 0.0100	< 0.0010	< 0.0001	< 0.0001	< 0.0001
Potassium	T	mg/L	Result	8.8	11.8	5.8	2.1	28.4	9.6	32.7	5.3	7.2	2.5
Sodium	T	mg/L	Result	1660	1740	278	155	339	171	741	245	441	403
Zinc	T	mg/L	Result	3790	4260	0.059	0.034	0.866	8840	96.5	2.35	199	0.030
Water Level Depth	N	mbtoc	Result	0.37	0.33	1.93	6	0	1.93	2.67	10.6	6.47	2.89

			Location	100	105	109	115	TSF4	WM300
			Sample Date	9/10/2025	9/10/2025	9/10/2025	9/10/2025	15/10/2025	1/10/2025
Analyte	FRACTION	Unit	Lab Report	CA2506183	CA2506183	CA2506183	CA2506183	CA2506308	CA2506085
Aluminium	D	mg/L	Result	0.30	0.10	0.10	0.08	10.3	19.8
Arsenic	D	mg/L	Result	< 0.001	< 0.001	< 0.001	< 0.001	0.016	0.003
Barium	D	mg/L	Result	0.0200	0.0259	0.0504	0.0314	0.0031	0.0187
Cadmium	D	mg/L	Result	0.00992	0.00038	0.0156	0.00011	0.254	0.468
Calcium	D	mg/L	Result	6.39	67.5	34.1	105	419	132
Chromium	D	mg/L	Result	< 0.002	< 0.002	< 0.002	< 0.002	0.045	0.004
Cobalt	D	mg/L	Result	0.0049	0.0003	0.0003	0.0005	0.114	0.133
Copper	D	mg/L	Result	0.043	0.008	0.056	0.004	1.7	13.5
Lead	D	mg/L	Result	0.0008	0.0007	0.0008	< 0.0002	1.82	0.657
Magnesium	D	mg/L	Result	18.4	75.8	42.3	165	151	76.8
Manganese	D	mg/L	Result	0.312	0.0652	0.0234	0.0746	5.31	2.98
Mercury	D	mg/L	Result	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Potassium	D	mg/L	Result	3.1	2.1	2.3	4.2	49.5	10.9
Sodium	D	mg/L	Result	16.6	94.8	130	151	265	107
Zinc	D	mg/L	Result	2.65	0.220	1.64	0.053	73.4	115
Ammonia as N	N	mg/L	Result	< 0.1	< 0.1	< 0.1	< 0.1	11.1	8.4
Chloride	N	mg/L	Result	17.1	263	187	273	205	167
Dissolved Oxygen - Field	N	mg/L	Result	7.571236	3.337347	8.001237	7.07527	3.563594	8.584357
Electrical Conductivity @ 25°C	N	µS/cm	Result	274	1070	968	2350	5320	2450
Fluoride	N	mg/L	Result	0.30	0.25	0.35	0.35	1.73	1.81
Nitrate as N	N	mg/L	Result	0.28	< 0.05	< 0.05	< 0.05	15.1	9.93
Nitrite as N	N	mg/L	Result	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
pH - Field	N	pH Unit	Result	7.991448	7.507803	5.349751	7.645828	3.067238	3.358754
Redox Potential	N	mV	Result	489	461	454	435	532	468
Sulfate	N	mg/L	Result	73.7	158	124	635	2000	1000
Total Alkalinity as CaCO3	N	mg/L	Result	17	128	151	227	< 1	< 1
Total Dissolved Solids 180°C	N	mg/L	Result	230	882	692	1570	3840	1590
Total Organic Carbon (as NPOC)	N	mg/L	Result	9	15	19	19	12	5
Aluminium	T	mg/L	Result	5.40	0.32	0.33	0.19	11.8	21.0
Arsenic	T	mg/L	Result	0.003	< 0.001	< 0.001	< 0.001	0.02	0.003
Barium	T	mg/L	Result	0.0562	0.0299	0.0569	0.0336	0.0140	0.0204
Cadmium	T	mg/L	Result	0.0125	0.00062	0.0166	0.00013	0.263	0.49
Calcium	T	mg/L	Result	7.25	71.8	36.8	112	443	138
Chromium	T	mg/L	Result	0.006	< 0.002	< 0.002	< 0.002	0.050	0.005
Cobalt	T	mg/L	Result	0.0067	0.0004	0.0004	0.0006	0.114	0.136
Copper	T	mg/L	Result	0.129	0.01	0.065	0.005	1.93	14.2
Lead	T	mg/L	Result	0.0459	0.0041	0.0060	0.0004	1.99	0.699
Magnesium	T	mg/L	Result	21.0	80.5	45.5	178	159	81.3
Manganese	T	mg/L	Result	0.384	0.0953	0.0295	0.0897	5.55	3.1
Mercury	T	mg/L	Result	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Potassium	T	mg/L	Result	3.9	2.4	2.6	4.7	51.9	11.6
Sodium	T	mg/L	Result	18.1	101	141	162	278	113
Zinc	T	mg/L	Result	3.45	0.260	1.85	0.066	78.2	122