



Annual Environmental Report – DWER L8675/2012/1

Reporting Period 1 October 2024 – 30 September 2025

Nullagine Gold Project

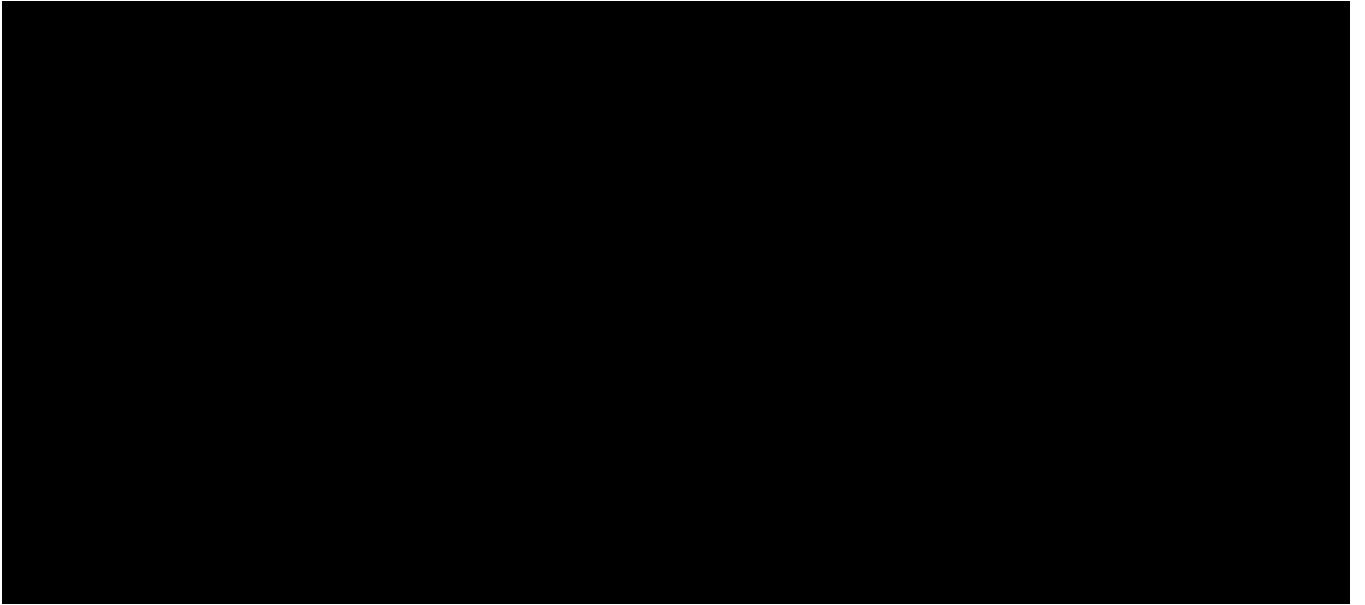


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1 Executive Summary

This Annual Environmental Report (AER) has been prepared by AIM Mining Corporation (AIM) to meet compliance obligations for the Prescribed Premise Licence L8675/2012/1 for the Nullagine Gold Project (NGP) for the 2024-2025 reporting period from 1 October 2024 to 30 September 2025. AIM Mining Corporation (AIM) acquired the NGP in January 2025 after the previous NGP owner (Calidus) underwent a period of voluntary administration from June 2024 – January 2025. The NGP remained in Care and Maintenance for the duration of the reporting period.

Several non-compliances are noted for the reporting period, primarily related to missed monitoring during a period of limited personnel as well as groundwater quality exceedances. Non-compliances during the reporting period are detailed in the Annual Audit Compliance Report (AACR) accompanying this AER. In all instances of non-compliance, and where practicable, AIM have implemented corrective actions to ensure compliance with Licence conditions is achieved. AIM notes that a dedicated Environmental team is now in place at the NGP and will ensure compliance with all Licence conditions as the project moves towards full production in Q1 2026.

2 Background

Licence L8675/2012/1 is held by Millennium Minerals Pty Ltd (MML) for the Nullagine Gold Operation – Golden Eagle Project (the premises), located approximately eight kilometres south of Nullagine, Western Australia.

The NGP was operated by MML until 2021, when MML was acquired by Novo Resources Corp (Novo). Novo operated the NGP from February 2021 until September 2022, when the project was placed into care and maintenance. In December 2023 Calidus Resources acquired MML and the NGP remained in care and maintenance throughout their tenure. Calidus entered administration in mid-2024 and AIM Mining Corporation (AIM) acquired the project in January 2025. The NGP has remained in care and maintenance since AIM took ownership, however production is scheduled to re-commence in Q1 2026.

The current approved NGP consists of five main mining centres. The most western and initial resource target near the main Mine Operation Centre (MOC); Golden Eagle (including AU81 and Agate deposits). The Golden Gate mining centre hub (the deposits furthest east of Golden Eagle) is approximately 40 km from NGP and includes the Falcon, Golden Gate ABCD Reef, Harrier, Crow, Condor and G Reef deposits. The Five Mile, Middle Creek and Camel Creek mining centres are located between the Golden Eagle and these above far eastern deposits which include the Hutt, Shearers, Otways, Anne de Vidia, Gambols Hill, Majuba, Bartons, All Nations, Roscoes Rewards, Little Wonder, Mustang, Round Hill and Redbeard deposits.

An agreement is also in place between AIM Mining Corporation and Hanroy which allows Hanroy to operate the Golden Eagle Camp, WWTP, Groundwater Abstraction Bores and concrete batch plant under Licence L8675/2012/1.

2.1 Nullagine Gold Project

2.1.1 Golden Eagle Project

The NGP is a gold mine located in the East Pilbara region of Western Australia, approximately 10 km from the township of Nullagine. MML began production at the NGP in 2012 with an on-site processing facility capable of an operating capacity of 2 Mtpa.

The 2024 – 2025 annual production was within the approved limits assigned under the Licence. The site is currently in Care and Maintenance the reporting numbers are reduced as expected.

Table 1: NGP Licensed and Actual throughputs – 2024/25

Category number	Category description	Approved premises production or design capacity	Actual throughput for reporting period
5	Processing or beneficiation of metallic or non-metallic ore: premises on which – (a) Metallic or non-metallic ore is crushed, ground, milled or otherwise processed; (b) Tailings from metallic or non-metallic ore are reprocessed; or (c) Tailings or residue from metallic or non-metallic ore are discharged in a containment cell or dam.	2,000,000 tonnes per annual period	0 tonnes
7	Vat or in situ leaching of metal: premises on which metal is extracted from ore with a chemical solution.	2,000,000 tonnes per annual period	0 tonnes
12	Crushing and Screening etc. of material	700,000 tonnes per annual period	0 tonnes
52	Electric power generation	10MW	10 x 1Mw Generators
73	Bulk storage of chemicals.	1,747.8 m ³ in aggregate	Compliant
77	Concrete batching or cement products manufacturing	6,000 tonnes per annual period	3,364 tonnes
85	Sewage facility: premises – (a) On which sewage is treated (excluding septic tanks); or (b) From which treated sewage is discharged onto land or into waters.	80 m ³ /day	48.23m ³ /day average

89	Putrescible landfill site: premises on which waste (as determined by reference to the waste type set out in the document entitled "Landfill Waste Classification and Waste Definitions 1996" published by the Chief Executive Officer, as amended from time to time) is accepted for burial.	500 tonnes per annum	339.25 tonnes
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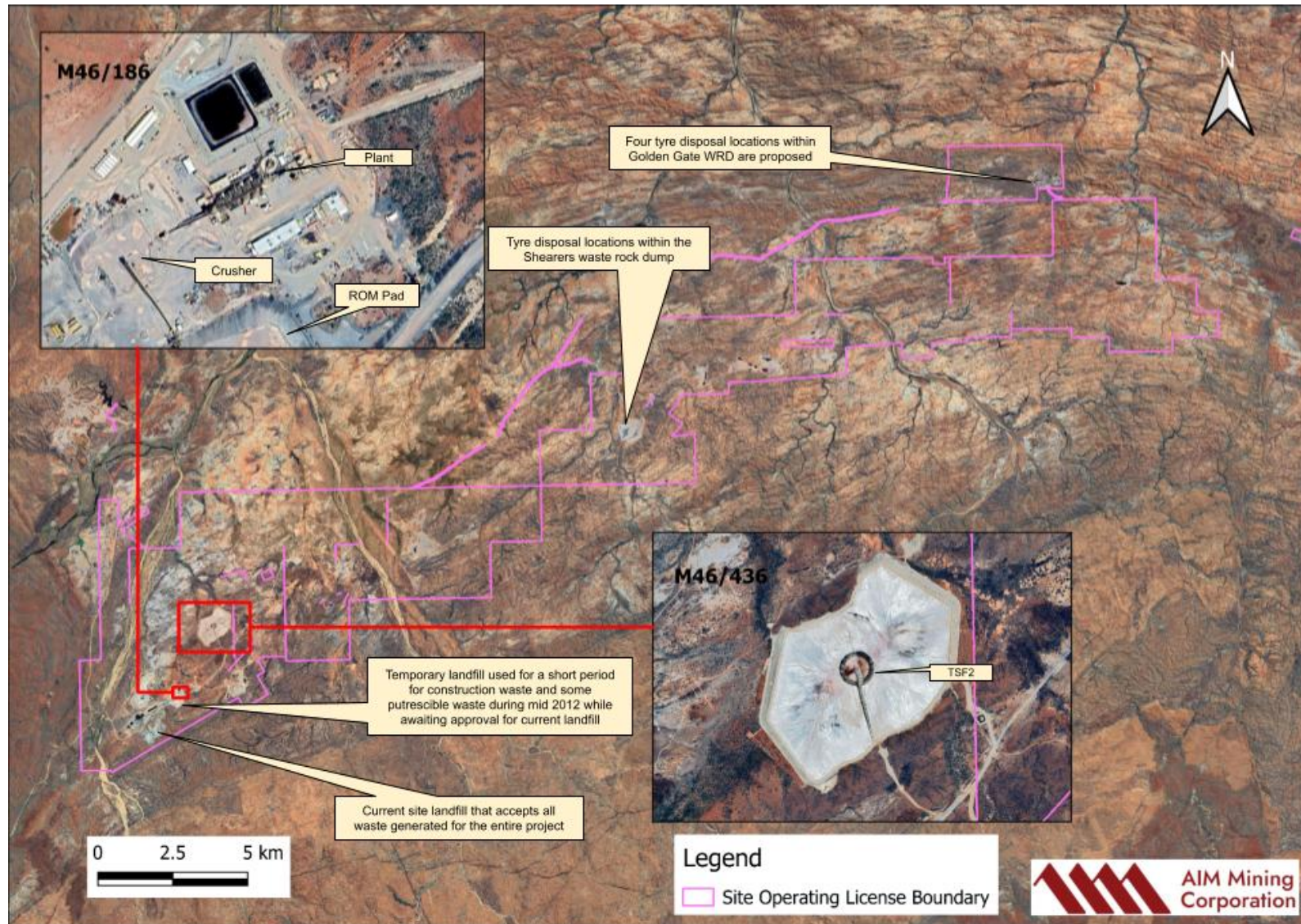


Figure 1: Location of Nullagine Gold Project

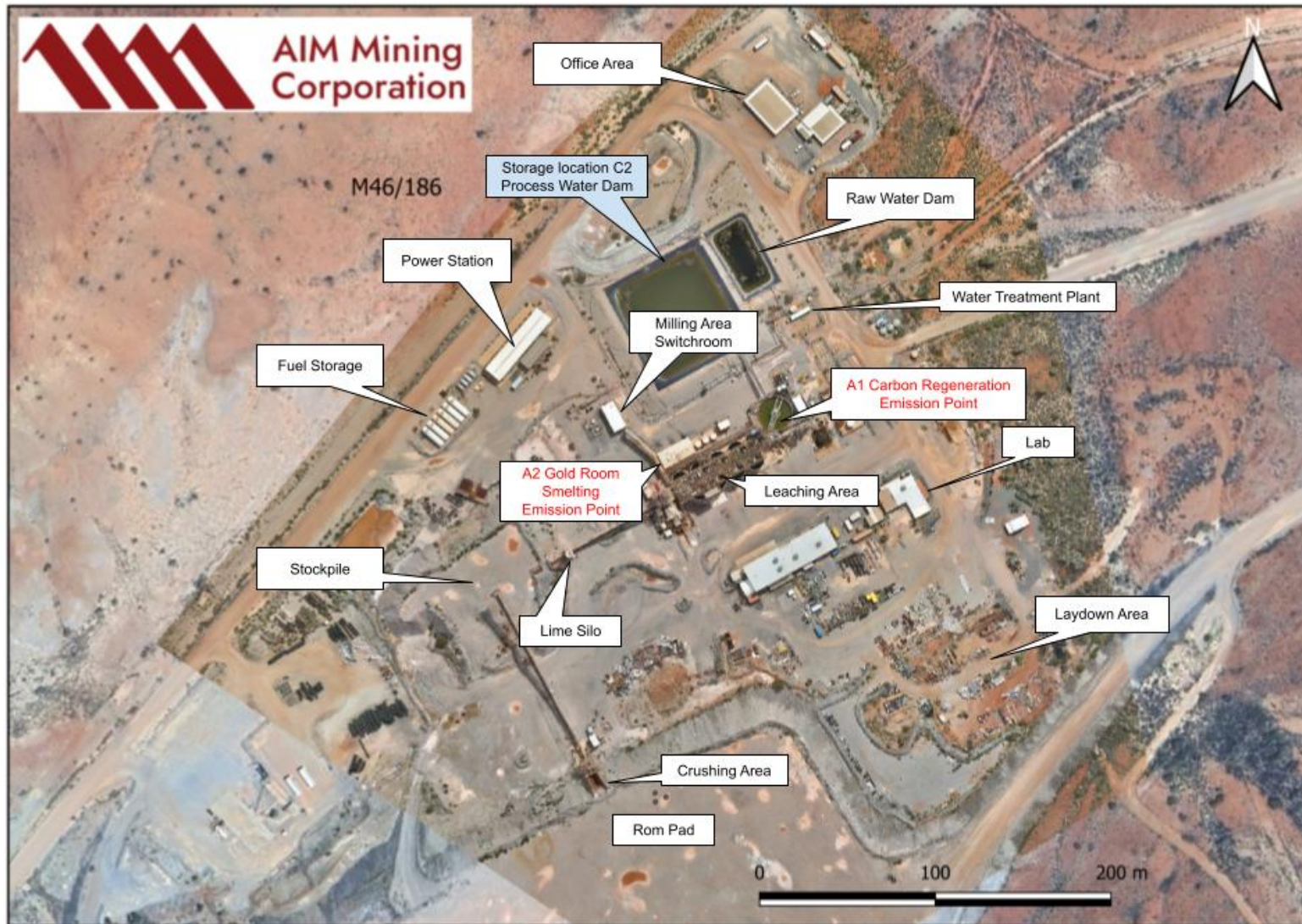


Figure 2: Site Processing Infrastructure

3 Prescribed Premise License Conditions

3.1 Pollution Control and Environmental Incidents

No environmental incidents were recorded during the reporting period, as the project was in care and maintenance. Several groundwater chemistry licence limit exceedances were recorded during the reporting period, details are provided in Appendix D. The exceedances were not communicated to DWER within the timeframe specified within the Licence, and this has been recorded as a non-compliance in the AACR. AIM will ensure that any future monitoring exceedances are reported in accordance with Licence conditions as soon as the exceedance is detected.

3.2 Waste Disposal

3.2.1 Inert Waste Type 1 and Putrescible Waste and Clean Fill Tonnage

A total of approximately 325.5 tonnes of waste was sent to the landfill during the 2024-2025 reporting period which is below the prescribed 500 tonne annual allowance. Much of the waste sent to the landfill facility is collected by the site utilities provider and comprises of camp, office, and crib room generated waste (food and packaging wastes).

3.2.2 Inert Waste Type 2

During the reporting period approximately 13.75 tonnes of Type 2 waste was disposed of within the licensed tyre disposal areas.

3.3 Process Monitoring (License - Table 12)

3.3.1 Waste Water Treatment Plant Effluent Quality

Generated effluent from the Wastewater Treatment Plant (WWTP) is currently discharged onto TSF1. The WWTP is a BioMax unit that is in its ninth year of operation after initially being installed in July 2017 to manage treated effluent.

Table 2: Average effluent quality results for the 2024-2025 reporting period.

Form PR1: Process Monitoring Summary							
Emission Point	Parameter	Unit	Average 2024-2025 result	Average 2023-2024 result	Average 2022-2023 result	Manufacturers Guideline	Method
P1	pH	-	-	8.5	8.42	6.5 – 8.5	External NATA Laboratory Analysis
	BOD	mg/L	17.7	20.5	2.89	20	
	Total suspended solids	mg/L	21.3	16	13.25	30	
	Total Nitrogen	mg/L	12.5	7.3	13.65	20	
	Total Phosphorus	mg/L	3	2.05	2.63	10	
	E. coli	CFU/100ml	4667.33	<10	2,914	1000	

The WWTP performance is measured against the manufacturers guidelines and do not form part of the site licence criteria.

Sampling frequency remained low during the reporting period due to reduced personnel onsite during the care and maintenance period. A non-compliance with the Licence is noted, as only three of the required monthly samples were collected. The reduced throughput of the WWTP and the monitoring results obtained during the reporting period suggest the system is working effectively.

The E. coli average for the reporting period is above the manufactures guideline, but this is due to the limited number of sampling rounds and 1 result of 14000 cfu/100ml. The average free chlorine during the reporting period was recorded as <0.1 mg/L, indicating that the system was not dosing with enough chlorine to treat the water effectively. AIM will work to ensure that samples are collected in accordance with the Licence and will also work with the camp manager (Hanroy) to ensure the WWTP is operating effectively.

Parameters for Total Phosphorus and Total Suspended Solids remain consistent throughout the reporting period and remained within the manufacture’s guideline value range. Biochemical Oxygen Demand (BOD) varied across the samples ranging from 7.1 mg/L to 36 mg/L. The pH was not measured during the reporting period but will be reinstated in the next reporting period with increased site presence at Nullagine.

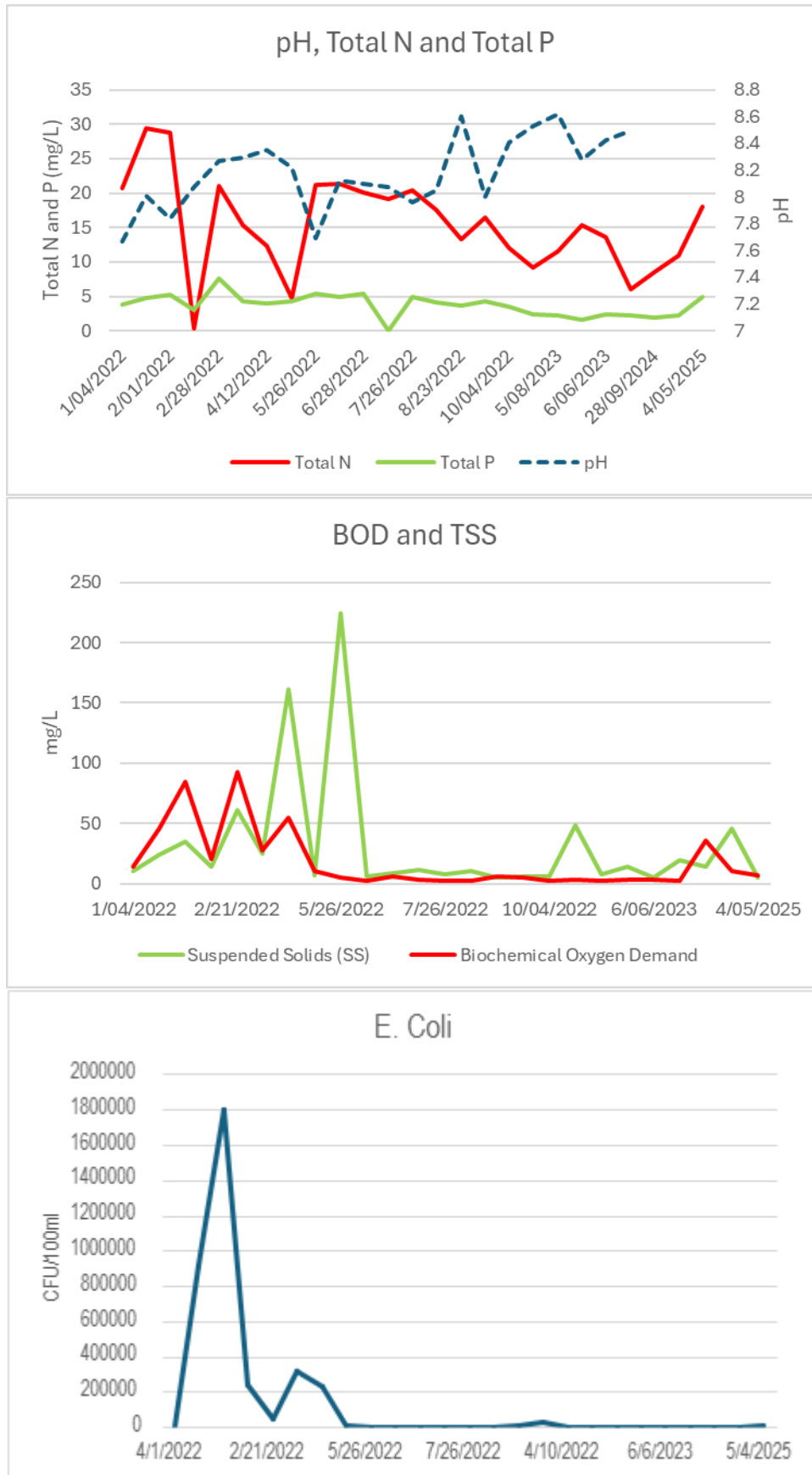


Figure 3: Sewage Treatment Plant Results (2022 – 2025)

3.3.2 Tailings Reuse Water (Tailings Return)

As decant water was not operational during the reporting period, no samples were obtained from the decant return water flow.

3.3.3 Volumes of Treated Effluent from Wastewater Treatment Plant deposited into TSF1

During the reporting period the WWTP continued to discharge onto TSF1. A total of 17603.95 m³ was discharged onto the TSF1 (

Table 3). As the site is in Care and Maintenance the total discharge was well below the licenced quantity of 80 m³/day.

Table 3 WWTP Treated Effluent Discharge for 2024 – 2025 Reporting Period

Wastewater Treated Effluent Discharge	
Discharge days within reporting period	365
Average daily discharge	48.23 m ³ /day
Total discharge to TSF	17.603.95 m³

3.3.4 Volume of water recovered from the TSF Decant Return

No water was recovered from the TSF decant return during the reporting period as the project was in a state of Care and Maintenance.

3.3.5 Phreatic surface levels downstream of TSF 2

AIM Mining have been monitoring the downstream VWP's of TSF2 throughout the reporting period. Figure 4 and 5 below outlines the trends identified below for external VWP's on both West and East walls.

The TSF Audit Undertaken in August 2025 highlighted that VWP 9-11 and VWP 13-18 are not currently working. The recommendation, that AIM is working to rectify, is that these loggers will all be replaced/repared prior to the recommencement of deposition to TSF2.

VWP 3 exceeded the 5 mbgl licence reporting limit during the reporting period. It is noted that the water level in TSF2MB01D and TSFMB01S (immediate vicinity to VWP 3) does not reflect the same SWL trend that the VWP logger does (Figure 6). Therefore, it is unlikely that this is a true reading of water level in this area, further investigation is required to confirm this and conduct repairs if required.

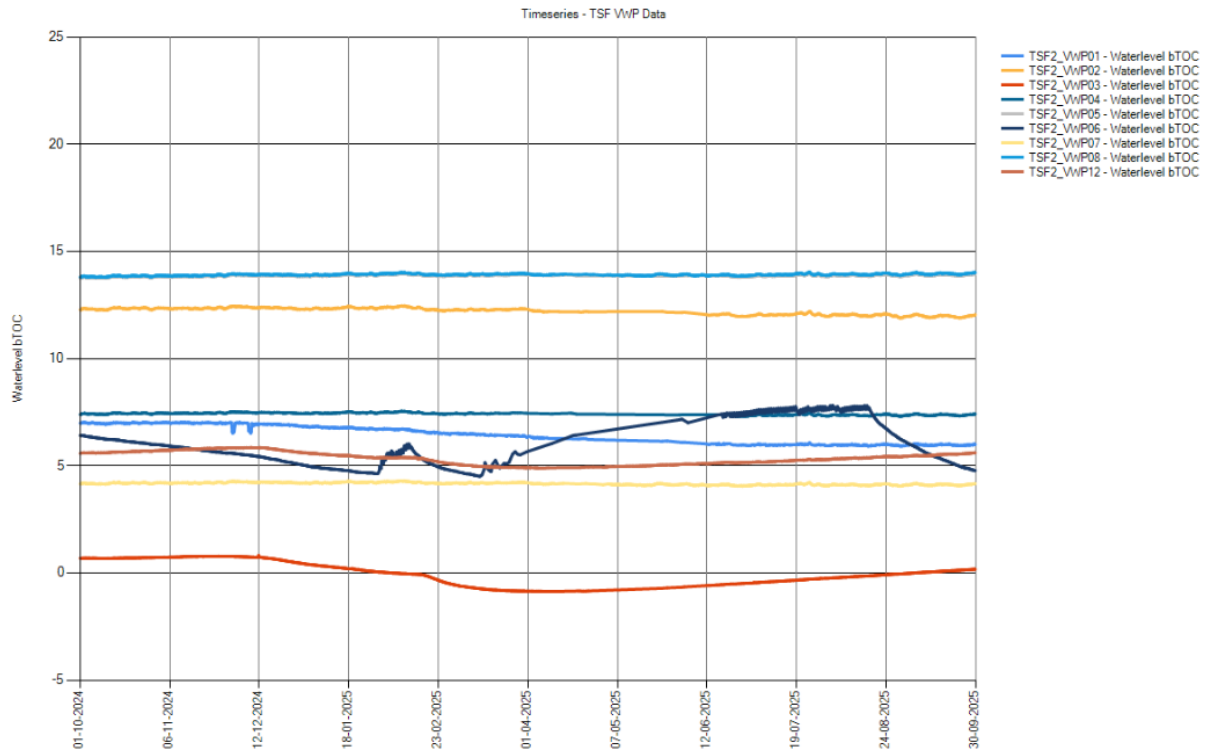


Figure 4: TSF2 VWP Data for all working VWP

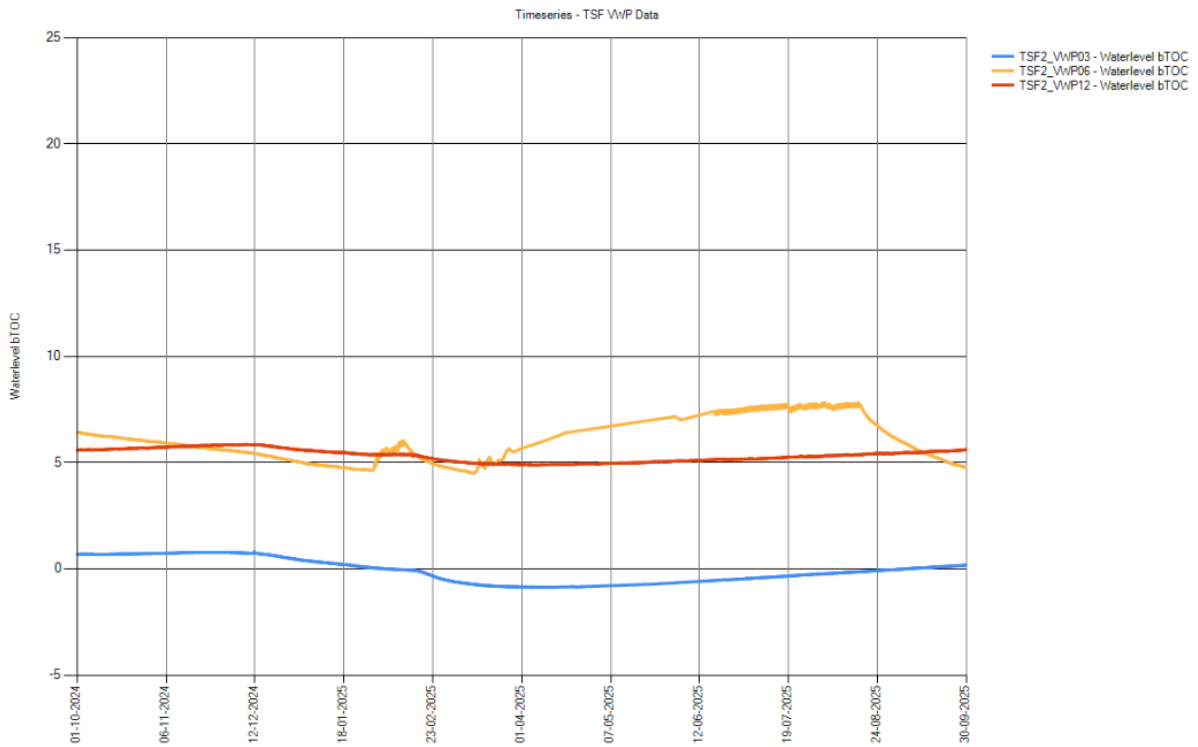


Figure 5: TSF2 VWP Data for working External Wall VWP

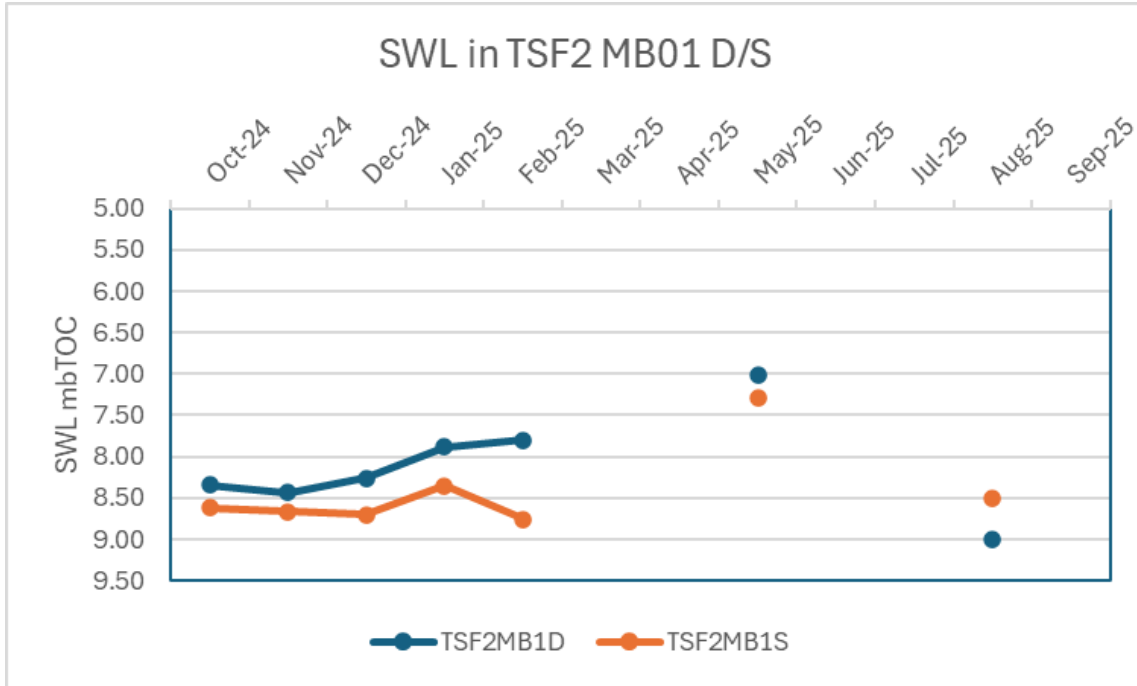


Figure 6: SWL Trends in TSF2MB01D and TSF2MB01S

3.3.6 Volumes of seepage recovered from TSF

The TSF2 underdrainage recovery system/seepage recovery system consists of two locations labelled TSF2 Cell 1 Toe Drain and TSF2 Cell 2 Toe Drain which comprise a concrete sump and pump.

The volumes of seepage recovered during the reporting period summarised in Table 4.

Table 4: Volume of TSF 2 Underdrainage Recovery for 2024-2025 Reporting Period.

TSF underdrainage recovery system	
Discharge days within reporting period	395
Average daily undercarriage and recovery bore discharge	0.997 m ³ /day
Total recovery water back to TSF	394 m ³

Due to the recent acquisition of the NGP and the period that Calidus were in voluntary administration, both solar bores that supplement the underdrainage recovery system require repairs and are currently not operational. TSFB002 and TSFB003 have not been operational since AIM Mining acquired the project however, TSFB004 solar bore pump has been operational when required. Without the supplementary solar bore water, both underdrainage sumps contain minimal water with the Care and Maintenance contractor inspecting them periodically.

As a result of limited working infrastructure, there was approximately 394 m³ recovered during the reporting period. Flows from the underdrainage collections have reduced during the Care and Maintenance period as no tailings deposition has occurred.

3.3.7 Volume of Tailings deposited into TSF2

No tailings were deposited into TSF2 during the reporting period as the project was in a state of Care and Maintenance.

3.4 Ambient Groundwater Quality Monitoring

For compliance with groundwater monitoring and water quality exceedances, this AER reports against the conditions set out in the Part V licence L8675/2012/1.

To comply with the prescribed licence for the NGP, the Department of Water and Environmental Regulation (DWER) in conjunction with Millennium Mining Limited (MML) identified monitoring reference points across the Golden Eagle Project for monthly, quarterly, biannual, and annual sampling requirements as outlined in the Millennium Minerals Groundwater Operating Strategy – June 2018 (GWOS). These requirements are outlined in Table 5 however, only those locations itemised as Part V monitoring bores are reported in this report.

SRK have conducted a study looking at rationalising the monitoring network whilst still maintaining the monitoring objectives identified in the DWER decision notice to the Licence. This rationalisation program formed part of a licence amendment application which was submitted in 2022 and approved in 2024.

Table 5 Groundwater Quality Monitoring Requirements for 2024 – 2025 Reporting Period

Bore	Area/bore field	Protocol	Water level and volume	Field quality	TSF suite	Baseline suite	Monitoring objective
Production Bores							
GEWB0002	Western		Monthly	Quarterly		Biannually	Not in GWOS
GEWB0019	Western	Primary	Monthly	Quarterly	-	Biannually	GE mining area monitoring
GEWB0025	Western	Primary	Monthly	Quarterly	-	Annually	Production bore monitoring
KCB43	Western	Primary	Monthly	Quarterly	-	Annually	Production bore monitoring
KCB47	Western	Primary	Monthly	Quarterly	-	Annually	Production bore monitoring
KCB50	Western	Primary	Monthly	Quarterly	-	Annually	Production bore monitoring
MW5A	Western	Primary	Monthly	Quarterly	-	Biannually	GE mining area monitoring
GEWB0004	Western	Backup	Monthly	Quarterly	-	Annually**	GE pit monitoring
GEWB0006	Western	Backup	Monthly	Quarterly	-	Annually	Cajuput Creek MCFA monitoring
GEWB0009	Western	Backup	Monthly	-	-	-	WL monitoring
GEWB0014A*	Western	Primary	Monthly**	Quarterly**	-	Annually**	Production bore monitoring
GEWB0015	Western	Backup	Monthly	Quarterly	-	Biannually	GE mining area monitoring
KCB10	Western	Primary	Monthly	Quarterly**	-	Annually**	Production bore monitoring
KCB36	Western	Primary	Monthly	Quarterly**	-	Annually**	Production bore monitoring
M05	Western	Backup	Monthly	-	-	Biannually	WL monitoring
FMWB0008	Five Mile	Primary	Monthly	Quarterly	-	Annually	Production bore monitoring
FMWB0013	Five Mile	Primary	Monthly	Quarterly	-	Annually	Production bore monitoring
BB02	Five Mile	Backup	Monthly	-	-	Annually	Shearers – downstream monitoring
FMWB0002	Five Mile	Backup	Monthly	Quarterly**	-	Annually	Production bore monitoring
KCB35	Eastern	Primary	Monthly	Quarterly	-	Annually	Production bore monitoring
KCB07F	Eastern	Primary	Monthly	Quarterly	Quarterly	-	TSF quarterly monitoring
KCB12B	Eastern	Primary	Monthly	Quarterly	Quarterly	-	TSF quarterly monitoring

Bore	Area/bore field	Protocol	Water level	Field quality	TSF suite	Baseline suite	Monitoring objective
KCB41	Eastern	Primary	Monthly	Quarterly	Quarterly	-	TSF quarterly monitoring
KCB06B	Eastern	Primary	Monthly**	Quarterly**		Annually**	WL monitoring
KCB13B	Eastern	Backup	Monthly	Quarterly**	-	Annually**	WL monitoring
KCB32	Eastern	Backup	Monthly	Quarterly**	-	Annually**	WL monitoring
KCB52	Barton's	Backup	Monthly	Quarterly**	-	Annually**	WL monitoring
KCB66	Barton's	Backup	Monthly	Quarterly**	-	Annually**	WL monitoring
WB101*	Eastern	Primary	Monthly**	Quarterly**	-	Annually**	Production bore monitoring
WB128*	Eastern	Primary	Monthly**	Quarterly**	-	Annually**	Production bore monitoring
WB202*	Western	Primary	Monthly**	Quarterly**	-	Annually**	Production bore monitoring
WB203*	Western	Primary	Monthly**	Quarterly**	-	Annually**	Production bore monitoring
TSF002*	TSF2	Recovery bore/TSF monitoring	Monthly**	Quarterly**	Quarterly**	-	TSF seepage/production bore monitoring
Monitoring Bores							
GEWB0007	Cajuput Creek	Monitoring – GDE	Monthly	Quarterly	-	Annually	Cajuput Creek GDE
GEWB0008	Cajuput Creek	Monitoring – GDE	Monthly	-	-	-	Cajuput Creek GDE
GEWB0021	Western	Monitoring	Monthly	-	-	-	GE – Upstream WL
GEWB0023	Western	Monitoring	Monthly	-	-	Annually	GE – Upstream control
GEWB0024	Western	Monitoring	Monthly	-	-	Annually	GE – Upstream control
M01	Western	Monitoring	Monthly	-	-	Annually	GE – Upstream control

Bore	Area/bore field	Protocol	Water level	Field quality	TSF suite	Baseline suite	Monitoring objective
M02	Western	Monitoring	Monthly	-	-	Annually	GE – Upstream control
M03	Western	Monitoring	Monthly	-	-	Annually	GE – Downstream
M04	Western	Monitoring	Monthly	-	-	Annually	GE – Downstream
M06	Western	Monitoring	Monthly			Biannually	
M07	Western	Monitoring	Monthly	-	-	Biannually	GE – Mining area
M16	Western	Monitoring	Monthly	-	-	Annually	GE – Downstream
M17	Eastern	Monitoring	Monthly	-	-	Annually	Eastern – Downstream
TSF2MB1D	TSF2	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
TSF2MB1S	TSF2	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
TSF2MB2D	TSF2	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
TSF2MB2S	TSF2	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
TSF2MB3D	TSF2	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
TSF2MB3S	TSF2	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
TSF2MB4D	TSF2	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
TSF2MB4S	TSF2	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
TSF2MB5D	TSF2	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
TSF001*	TSF2	TSF monitoring	Monthly**	Quarterly**	Quarterly**	-	WL monitoring
TSF003*	TSF2	TSF monitoring	Monthly**	Quarterly**	Quarterly**	-	WL monitoring
TDMB1A	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage

Bore	Area/bore field	Protocol	Water level	Field quality	TSF suite	Baseline suite	Monitoring objective
<i>TDMB1D</i>	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
<i>TDMB1S</i>	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
<i>TDMB2A</i>	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
<i>TDMB2D</i>	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
<i>TDMB2S</i>	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
<i>TDMB3D</i>	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
<i>TDMB3S</i>	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
<i>TDMB4D</i>	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
<i>TDMB4S</i>	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
<i>TDMB5D</i>	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
<i>TDMB5S</i>	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
<i>TDMB6D</i>	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
<i>TDMB6S</i>	TSF1	TSF monitoring	Monthly	Quarterly	Quarterly	-	TSF seepage
BUMB01D	Barton's	Monitoring	Monthly	-	-	Annually	Barton's downstream
BUMB01S	Barton's	Monitoring	Monthly	-	-	Annually	Barton's downstream
BUMB02 (KCB15B)	Barton's	Monitoring	Monthly	-	-	Biannually	Barton's mining area
KCB53	Barton's	Monitoring	Monthly	-	-	Biannually	Barton's mining area
KCB57S	Barton's	Monitoring	Monthly	-	-	-	Barton's downstream WL

Bore	Area/bore field	Protocol	Water level	Field quality	TSF suite	Baseline suite	Monitoring objective
11SDMW07	All Nations	Monitoring	Monthly	-	-	-	All Nations – WL
MMB01	Mustang	Monitoring	Monthly	-	-	Annually	Mustang mining area
<i>11SDMW08</i>	Golden Gate	Monitoring	Monthly	-	-	Biannually	Golden Gate mining area
GGMB01	Golden Gate	Monitoring	Monthly	-	-	-	Golden Gate mining area
GGMB02*	Golden Gate	Monitoring	Monthly**	-	-	-	Golden Gate mining area
GGMB03*	Golden Gate	Monitoring	Monthly**	-	-	-	Golden Gate mining area
GGMB04*	Golden Gate	Monitoring	Monthly**	-	-	-	Golden Gate mining area
RBMB01D	Redbeard	Monitoring	Monthly	-	-	Annually	Redbeard mining area
RBMB01S	Redbeard	Monitoring	Monthly	-	-	Annually	Redbeard mining area

Note:

- “-” Indicates no monitoring requirement.
- “*” indicates production bores were drilled/constructed or recommissioned post formulation of the GWOS.
- “**” indicates additional monitoring outside of the GWOS requirements (only applicable once bores were online).
- *Italics* – indicates bores required for monitoring in the Part V licence

WL – water level; GDE – groundwater dependent ecosystems; GE – Golden Eagle

3.4.1 Monthly Standing Groundwater Levels

Table 6 provides the Standing Water Levels recorded during the reporting period. Highlighted in bold are the exceedances of the 5 mbgl threshold stipulated in Table 13 of the Licence.

Following the 5mbgl trigger level breach in any of the TSFMB2 bores AIM will follow the response plan outlined in the Seepage Management Plan (Schedule 3 of the Licence). During the reporting period all bores around TSF2 did not breach the 5mBGL limit.

Regular photographic vegetation monitoring around the TSF was not undertaken during the reporting period as there was no discharge of tailings into the TSF whilst the site was in a state of care and maintenance. Once operations recommence in Q1 2026 the monitoring will restart.

Monitoring bore M02 is regularly recording standing water levels below the 5mbgl licence limit. AIM did not enact any management actions as these are natural groundwater levels associated with alluvial aquifers and adjacent river conditions.

Table 6: Standing Water Levels (mTOC) during the reporting period

Bore ID	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25
GEWB02	34.25	34.21	32.35	32.62	33.07	-	-	31.43	-	-	33.05	-
GEWB04	21.41	21.43	20.69	20.81	20.94	-	-	19.53	-	-	-	-
GEWB06	14.91	15.14	15.14	14.88	14.78	-	-	-	-	-	13.06	-
GEWB09	-	-	-	-	-	-	-	-	-	-	-	-
GEWB0014A	34.55	34.57	32.88	33.11	33.52	-	-	31.88	-	-	32.02	-
GEWB0015	37.94	38.02	36.96	37.13	37.29	-	-	30.16	-	-	32.12	-
GEWB0019	35.67	35.7	35.61	35.31	-	-	-	-	-	-	34.7	-
GEWB0021	24	24.03	24.04	23.97	23.77	-	-	-	-	-	22	-
GEWB0023	14.02	14.11	14.08	13.99	13.92	-	-	-	-	-	12.69	-
GEWB0024	9.96	-	-	-	-	-	-	-	-	-	-	-
GEWB026	35.26	35.54	32.94	33.24	34.21	-	-	-	-	-	33.27	33.27
KCB07F	33.79	33.75	33.7	-	33.53	-	-	-	-	-	-	-
KCB10	14.73	14.8	14.68	14.69	14.62	-	-	-	-	-	13.67	-
KCB12	15.51	15.59	15.31	15.18	15.14	-	-	14.26	-	-	-	-
KCB41	43.04	43.02	41.75	-	41.38	-	-	-	-	-	-	-
M01	12.51	-	-	-	-	-	-	-	-	-	-	-
M02	5.48	5.81	4.9	4.43	4.51	-	-	3.55	-	-	5	-
M03	8.65	9.01	8.92	8.76	8.64	-	-	7.19	-	-	8	-
M04	15.08	14.96	14.59	14.03	13.6	-	-	12.62	-	-	14.5	-
MW5A	15.11	15.89	14.48	13.96	18.42	-	-	11.37	-	-	-	-
M06	34.59	34.61	32.2	32.91	33.34	-	-	-	-	-	-	-
M16	10.54	11	10.67	10.46	10.36	-	-	8.94	-	-	11.7	-
M17	36.16	36.18	36.2	36.2	36.2	-	-	-	-	-	52	-
TDMB1D	25.11	25.4	24.2	22.92	23.68	-	-	21.38	-	-	24.04	-

Bore ID	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25
TDMB1S	Dry	Dry	Dry	Dry	Dry	-	-	Dry	-	-	Dry	-
TDMB2D	14.35	15.17	13.93	13.5	14.11	-	-	10.61	-	-	13.02	-
TDMB2S	Dry	Dry	Dry	Dry	Dry	-	-	Dry	-	-	Dry	-
TDMB3D	13.64	14.07	13.74	13.4	13.44	-	-	10.13	-	-	11.15	-
TDMB3S	Dry	Dry	4.61	Dry	Dry	-	-	Dry	-	-	Dry	-
TDMB4D	16.69	17.24	13.74	16.38	16.09	-	-	10.34	-	-	10.74	-
TDMB4S	Dry	Dry	Dry	Dry	Dry	-	-	Dry	-	-	Dry	-
TDMB5D	13.42	14.25	13.12	12.35	12.17	-	-	9.82	-	-	10.02	-
TDMB5S	Dry	Dry	Dry	Dry	Dry	-	-	Dry	-	-	Dry	-
TDMB6D	14.33	14.51	13.34	12.63	12.58	-	-	11.6	-	-	36.6	-
TDMB6S	Dry	Dry	Dry	12.65	12.47	-	-	11.59	-	-	Dry	-
TSF2MB1D	8.34	8.43	8.26	7.88	7.8	-	-	7.01	-	-	9	-
TSF2MB1S	8.62	8.66	8.7	8.35	8.76	-	-	7.29	-	-	8.5	-
TSF2MB2D	7.45	7.32	8.06	-	-	-	-	-	-	-	-	-
TSF2MB2S	7.13	6.99	6.79	6.66	7.34	-	-	7.12	-	-	Dry	-
TSF2MB3D	9.35	9.49	9.66	9.37	9.17	-	-	8.58	-	-	1*	-
TSF2MB3S	9.6	9.76	9.88	9.47	9.24	-	-	8.55	-	-	0.8*	-
TSF2MB4D	7.73	7.91	7.84	7.79	7.81	-	-	7.51	-	-	1.1*	-
TSF2MB4S	7.91	8.03	7.94	7.81	7.9	-	-	7.57	-	-	0.8*	-
TSF2MB5	13.81	13.89	11.78	10.86	11.35	-	-	9.99	-	-	18.5*	-
TSF2MB6	13.57	13.63	13.54	13.52	13.48	-	-	12.97	-	-	44*	-
TSF2MB7	13.44	13.48	13.43	13.41	13.37	-	-	12.94	-	-	26*	-
TSF2MB8	15.2	15.25	14.4	13.84	13.75	-	-	12.44	-	-	32*	-
KCB7F	33.79	33.75	33.70	-	33.53	-	-	-	-	-	-	-
KCB10	14.73	14.80	14.68	14.69	14.62	-	-	-	-	-	13.67	-
KCB12	15.51	15.59	15.31	15.18	15.14	-	-	14.26	-	-	-	-
KCB41	43.04	43.02	41.75	-	41.38	-	-	-	-	-	-	-
11SDMW08	6.09	6.39			5.26	-	-	-	-	-	4.09	-
TSFB001	8.33	8.46	8.18	6.14	8.17	-	-	7.71	-	-	8	-

* These values are not accurate due to issues with the dipper at these bores. Results from December 2025 are provided in Table 7

Table 7 – December 2025 Groundwater SWL results

Bore ID	Dec-25
TSF2MB3D	10.56
TSF2MB3S	11.09
TSF2MB4D	8.27
TSF2MB4S	8.66
TSF2MB5	12.31
TSF2MB6	13.25
TSF2MB7	13.06
TSF2MB8	13.39

3.4.2 Groundwater quality results

Over the 2024-2025 reporting period, sampling events were undertaken to comply with the prescribed licence. Unfortunately, due to being in care and maintenance and having limited site personnel the sampling requirements outlined in the Licence have not been met. AIM Mining have started increasing the environmental presence at the NGP and have recently brought on a full time Environmental Technician, in January 2026, to try and improve compliance with the monitoring requirements. Table 8 indicates when the prescribed sampling events that took place.

Table 8: Groundwater quality monitoring sampling events for the 2024 – 2025 reporting period.

Sampling period	Parameter	Reporting Period
Quarterly	September 2024	2024 – 2025 reporting period (1 Oct 2024 – 30 Sep 2025)
	December 2024	
Annual	August 2025	

Seven sampling rounds were completed during the reporting period including two quarterly and one annual sampling rounds. Prior to the acquisition of NGP by AIM, it is understood that no prescribed premise groundwater sampling was undertaken in the reporting period.

Water quality exceedances for the reporting period are listed in Appendix D. The trigger levels were taken from the Table 13 in the PPL with specific trigger levels determined, from the SRK seepage review, for bores in specific locations around TSF2. These triggers are included in the latest amendment to the prescribed premise license (Table 14) which has been approved. An excel sheet with groundwater chemistry results are provided as Appendix E to this report.

August 2025

During the August 2025 Monitoring round a contract field worker undertook water monitoring. Due to their unfamiliarity with the site and the bore equipment several bores were not sampled. Table 9 provides a reason for each bore that was not sampled during the sampling round.

Table 9: Groundwater quality monitoring sampling events for the 2024 – 2025 reporting period.

Bore ID	Reason for no sample
KCB7F	Contractor undertaking the sampling works could not operate the headworks.
KCB10	Contractor undertaking the sampling works could not operate the headworks.
KCB41	Contractor undertaking the sampling works could not operate the headworks.
GEWB24	Unable to be accessed due to track washout/accessibility.
GEWB15	Contractor undertaking the sampling works could not operate the headworks.
M01	Unable to be accessed due to track washout/accessibility.
MW05A	Contractor undertaking the sampling works could not locate the bore.
M06	Well unable to be sampled due to a blockage in the bore.

11SDMW08	Contractor undertaking the sampling works could not locate the bore.
TSF2MB002D	Well unable to be sampled due to a blockage in the bore.
TSF2MB002S	The bore was recorded as dry however it is believed that the SWL was misread and as such the Contractor did not proceed with taking a sample.

3.4.3 Abstraction Volumes

The total volume abstracted from production bores and pits currently listed on the Prescribed Premise Licence is presented in Table 8. The total groundwater volume extracted, from the licence bores, over the reporting period was 351 kL.

Table 10: Water abstraction volumes (kL) for the 2024-2025 reporting period.

Source	Total
GEWB02	No headworks
GEWB04	No headworks
GEWB06	0
GEWB09	213
GEWB14A	138
GEWB15	0
GEWB19	0
GEWB21	No headworks
GEWB23	No headworks
GEWB26	No headworks

3.4.4 Discussion of SWL Trigger Levels

The 5mBGL Trigger Limit was exceeded in M02 (Dec 2024, Jan 2025, Feb 2025 and May 2025) and 11SDMW08 (Sept 2025).

M02 is located directly next to a creek line and as such this is the likely reason as to why the water level is elevated. The bore is away from the operational area which would indicate this is a natural level for this bore.

11SDMW08 is located 30km east of TSF2. The bore is 80m from the Falcon pit edge and located next to a creek line. Based on the location of the bore the exceedance of the 5mBGL limit is likely due to the natural groundwater level in the area. A sampling round in December 2025 found the level to have returned to 5.8mBGL and due to the absence of mining activity in the area it would suggest the level is based on natural fluctuations. This bore will be monitored in 2026, and further trends will be analysed.

4 TSF2 Water Balance

The volume of slurry water pumped to TSF2 was 0 m³; with 0m³ recovered through the decant return system. Tailings ceased to be deposited into TSF2 as of September 2022 (outside of the reporting period). Water decant return continued throughout October 2022 to remove as much water from the rock ring as possible before pumping ceased.

5 Annual Tailings Storage Facility Audit

Tetra Tech Coffey conducted a TSF Audit in August 2025, the audit will be provided to DMPE as per tenement condition requirements, and can be provided to DWER upon request.

6 Complaints Summary

Complaints Summary

There were no formal complaints made against the NGP during the reporting period for environmental or social considerations.

7 Environmental Compliance

The Annual Audit Compliance Report form (AACR) summarises site non-compliances during the reporting period. The AACR is provided as Appendix B of this report.

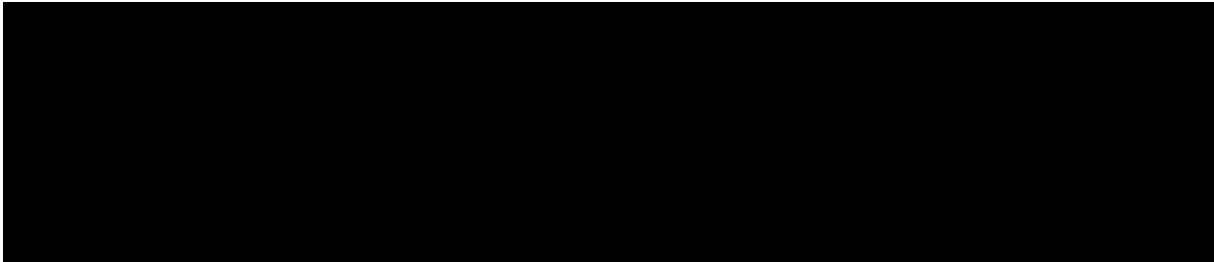
8 Appendix A – L8675/2012/1



Licence number	L8675/2012/1
Licence holder	Millennium Minerals Pty Ltd
ACN	003 257 556
Registered business address	Suite 12, 11 Ventnor Avenue WEST PERTH WA 6005
DWER file number	DER2014/002927
Duration	30/09/2013 to 29/09/2026
Date of issue	26/09/2013
Date of amendment	18/11/2024
Premises details	<p>Nullagine Gold Operation – Golden Eagle Project</p> <p>Mining Tenements M46/3, M46/47, M46/50, M46/57, M46/98, M46/129, M46/138, M46/146, M46/163, M46/164, M46/166, M46/167, M46/170, M46/182, M46/186, M46/192, M46/198, M46/199, M46/200, M46/225, M46/261, M46/262, M46/264, M46/265, M46/266, M46/267, M46/272, M46/273, M46/275, M46/276, M46/277, M46/278, M46/300, M46/426, M46/432, M46/433, M46/434, M46/436, M46/441, M46/442, M46/443, M46/444, M46/445, M46/527, G46/2, L46/33, L46/45, L46/88, L46/91, L46/98, L46/105, L46/115, P46/1675, P46/1704, P46/1705, P46/1706, P46/1755, P46/1756, P46/1757, P46/1758, P46/1824, P46/1922, and P46/1923.</p> <p>NULLAGINE WA 6758</p> <p>As defined by the Premises map in Schedule 1</p>

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 5: Processing or beneficiation of metallic or non-metallic ore.	2,000,000 tonnes per annual period
Category 7: Vat or in situ leaching metal.	2,000,000 tonnes per annual period
Category 12: Screening etc. of material	700,000 tonnes per annual period
Category 52: Electric power generation.	10 MW
Category 73: Bulk storage of chemicals.	1,747.8 cubic metres in aggregate
Category 77: Concrete batching or cement products manufacturing	6,000 tonnes per annual period
Category 85: Sewage facility	80 cubic metres per day
Category 89: Putrescible landfill site	500 tonnes per annual period

This amended licence is granted to the licence holder, subject to the attached conditions, on 18 November 2024, by:



Licence history

Date	Reference number	Summary of changes
24/12/2013	L8675/2012/1	Licence amendment to allow discharge of treated effluent to TSF1.
3/07/2014	L8675/2012/1	Licence amendment to allow disposal of tyres on site.
23/10/2014	L8675/2012/1	Licence amendment to increase production capacity from 1.5 million tonnes per annum (Mtpa) to 2 Mtpa.
27/08/2015	L8675/2012/1	Licence amendment to add improvement conditions requiring a Corrective Action Plan to improve the groundwater monitoring and the development of groundwater limits. Update to licence under Departmental reform program.
19/11/2015	L8675/2012/1	Licence amendment to authorise TSF1 Stage 4 lift. Improvement conditions updated. Groundwater limits applied.
14/03/2017	L8675/2012/1	Amendment Notice 1 Licence amendment to authorise the operation of TSF2 with specific infrastructure requirements.
17/01/2019	L8675/2012/1	Amendment Notice 2 Licence amendment to include category 73 and increase the design capacity of category 85 from 50 to 80 m ³ /day.
5/11/2021	L8675/2012/1	Addition of Category 51 – power generation Authorising operation of TSF2 stage 2A – to 397.3m
7/06/2024	L8675/2012/1	The licence amendment was for the following: <ul style="list-style-type: none"> • change of applicant details and business address (administrative amendment); • operate TSF2 Stage 2B (399 m RL); • revision and upgrade of TSF2 seepage recovery and monitoring network; • review of the licence holder's trigger action response plan and limit levels; • reduction in monitoring frequency of the wastewater treatment plant from fortnightly to monthly; and • revision of the groundwater monitoring network surrounding the Golden Eagle mining area to replace unserviceable monitoring wells with newly established wells.
18/11/2024	L8675/2012/1	The licence amendment was for the following: <ul style="list-style-type: none"> • Two additional prescribed premises categories: <ul style="list-style-type: none"> ○ Category 12: Crushing and screening unit to be installed and operated at Majuba; and

Date	Reference number	Summary of changes
		<ul style="list-style-type: none"> ○ Category 77: Temporary, trailer mounted concrete batching plant to be set-up and operated at Golden Eagle Haulage Yard. • Amendment to existing fuel storage capacity from 1,347.8m³ to 1,747.8m³.

Interpretation

In this licence:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this licence:
 - (i) if dated, refers to that particular version; and
 - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

The licence holder must ensure that the following conditions are complied with:

General

1. The licence holder must record and investigate the exceedance of any descriptive or numerical limit in this licence.
2. The licence holder must ensure the limits specified in Table 1 are not exceeded.

Table 1: Production or design capacity limits

Category ¹	Category description ¹	Premises production or design capacity limit
5	Processing or beneficiation of metallic or non-metallic ore.	2,000,000 tonnes per annual period
7	Vat or in situ leaching metal.	2,000,000 tonnes per annual period
12	Category 12: Screening etc. of material	700,000 tonnes per Annual Period
52	Electric power generation.	10 MW
73	Bulk storage of chemicals.	1,747.8 cubic metres in aggregate
77	Category 77: Concrete batching or cement products manufacturing	6,000 tonnes per Annual Period
85	Sewage facility	80 cubic metres per day
89	Putrescible landfill site	500 tonnes per annual period

Note 1: *Environmental Protection Regulations 1987, Schedule 1.*

Infrastructure and equipment

3. The licence holder must construct and / or install the infrastructure listed in Table 2, in accordance with;
 - (a) the corresponding design and construction requirement; and
 - (b) at the corresponding infrastructure location, as set out in Table 2.

Table 2: Infrastructure requirements

Infrastructure	Design and construction requirements	Infrastructure location
Pipelines (tailings and return water)	<ul style="list-style-type: none"> • all pipelines or sections of pipelines containing tailings and decant return water are either: <ul style="list-style-type: none"> ➤ equipped with telemetry; or ➤ equipped with automatic cut-outs in the event of a pipe failure; or 	Not depicted

Infrastructure	Design and construction requirements	Infrastructure location
	<ul style="list-style-type: none"> ➤ provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspections. • pipelines constructed of high-density polyethylene (HDPE); • pipelines within bunded trenches, maintained with sufficient capacity to contain any spill for a period equal to the time between routine inspections; • return water pipeline maintained with a series of valves to allow water to be diverted into the tailings line for flushing purposes via junction points; • flow meters positioned at the start and end of the tailings pipeline to monitor flows and pressure losses. In the event of pipeline failure, Shift Supervisor is to be notified and the pipeline shut down until repaired; and • spigots maintained at approximately 20 m centres around the TSF2 perimeter. 	
Power plant	N/A	Location as shown in Figure 1 of Schedule 1
Crushing and screening plant	<p>Crushing and screening plant to include:</p> <ul style="list-style-type: none"> • dust covers on material transfer points and conveyors; and • sprinklers for dust suppression fitted on and around equipment. 	Location listed as Majuba as shown in Figure 12 of Schedule 1
Concrete batching plant	<p>The cement silo must be fitted with:</p> <ul style="list-style-type: none"> • a relief valve which is piped to a weigh hopper or outlet within one metre of the ground to prevent overfilling; • a level indicator with an audible high level alarm which sounds if cement reaches 0.6 m below the inlet to the silo's air cleaning system and a test circuit which indicates whether the level indicator and alarm are operating correctly; • a reverse pulse air cleaning system which is designed to reduce dust emissions to less than 50 milligrams of particulate matter per cubic metre or a mechanical rapping air cleaning system with a minimum filter area of 23 m² or ducting which discharges air from the cement silo air cleaning system to a weigh hopper or an outlet within one metre of the ground; • a test circuit which indicates whether the level indicator and alarm are operating correctly; and • a concrete bund at the base of the silo to capture and contain and spillage of supplementary cementitious material. 	Golden Eagle Haulage Yard, listed as Golden Eagle in Figure 12 of Schedule 1

Infrastructure	Design and construction requirements	Infrastructure location
Sedimentation dam	<ul style="list-style-type: none"> Golden Eagle sedimentation basin sized to capture 5 m³, and Majuba sedimentation basin sized to capture a 10% Annual Exceedance Probability (AEP) 6-hour rainfall event; Freeboard of 300 mm; Gravel construction; and Maintenance (e.g. removal of accumulated sediment) as required. 	One sedimentation basin located downstream of concrete batching location within Golden Eagle area and one sedimentation basin located downstream of crushing/stockpiling area within Majuba area (Figure 12 of Schedule 1)
Oil-water separator	<ul style="list-style-type: none"> Must be suitable for treatment of hydrocarbons. Must consist of an automatic closure device to retain all liquid within the system. 	Golden Eagle Haulage Yard, listed as Golden Eagle in Figure 12 of Schedule 1

Compliance reporting

4. The licence holder must within 30 calendar days of an item of infrastructure or equipment required by condition 3 being installed:
 - (a) undertake an audit of their compliance with the requirements of condition 3; and
 - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
5. The Environmental Compliance Report required by condition 4, must include as a minimum the following:
 - (a) certification by the site manager that the items of infrastructure or component(s) thereof, as specified in condition 3, have been constructed in accordance with the relevant requirements specified in condition 3;
 - (b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 3; and
 - (c) be signed by a person authorised to represent the licence holder and contains the printed name and position of that person.
6. The licence holder must design, construct, and install groundwater monitoring bores in accordance with the requirements specified in

Table 3.

Table 3: Infrastructure requirements – groundwater monitoring bores.

Infrastructure	Design, construction, and installation requirements	Bore location(s)	Timeframe
Groundwater monitoring bores:	<p><u>Bore design and construction:</u> Designed and constructed in accordance with <i>Minimum construction requirements for water</i></p>	As depicted in Schedule 1, Figures 4, 5, 6,	Must be constructed, developed

Infrastructure	Design, construction, and installation requirements	Bore location(s)	Timeframe
TSF2MB9S/D, TSF2MB10S/D, TSF2MB11S/D, TSF2MB12S/D, TSF2MB13S/D, TSF2MB14S/D, and TSF2MB15.	<p><i>bores in Australia 4th Ed. (National Uniform Drillers Licensing Committee (NUDLC), 2020).</i></p> <p>Bore screens must target the part, or parts, of the aquifer most likely to be affected by contamination¹. Where temporary / seasonal perched features are present, bores must be nested, and the perched features individually screened.</p>	and 11.	(purged), and determined to be operational prior to recommencement of deposition on TSF2.
	<p><u>Logging of borehole:</u></p> <p>Soil samples must be collected and logged during the installation of the monitoring bores. A record of the geology encountered during drilling must be described and classified in accordance with the Australian Standard Geotechnical Site Investigations AS1726. Any observations of staining / odours or other indications of contamination must be included in the bore log.</p>		
	<p><u>Bore construction log:</u></p> <p>Bore construction details must be documented within a bore construction log to demonstrate compliance with NUDLC 2020. The construction logs shall include elevations of the top of casing position to be used as the reference point for water-level measurements, and the elevations of the ground surface protective installations.</p>		
	<p><u>Bore development:</u></p> <p>All installed monitoring bores must be developed after drilling to remove fine sand, silt, clay, and any drilling mud residues from around the bore screen to ensure the hydraulic functioning of the bore. A detailed record should be kept of bore development activities and included in the bore construction log.</p>		
	<p><u>Installation survey:</u></p> <p>The vertical (top of casing) and horizontal position of each monitoring bore must be surveyed and subsequently mapped by a suitably qualified surveyor.</p>		
	<p><u>Bore network map:</u></p> <p>A bore location map (using aerial image overlay) must be prepared and include the location of all monitoring bores in the monitoring network and their respective identification numbers.</p>		

Note 1: Refer to Section 8 of Schedule B2 of the *Assessment of Site Contamination NEPM* for guidance on bore screen depth and length.

- The licence holder must design, construct, and install any seepage recovery bores in accordance with the requirements specified in Table 4.

Table 4: Seepage Recovery Infrastructure - Design and construction requirements / installation requirements

Infrastructure	Design and construction requirement / installation	Infrastructure
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	requirement	location
Seepage recovery bores	<ul style="list-style-type: none"> Undertake downhole geophysical logging using resistivity and gamma tools to identify appropriate screen intervals of any new seepage recovery bore. Ensure that the pump in each of seepage recovery bores is installed at the depth where the most contaminated groundwater enters the bore. Install inflatable packers above and below the principal zones where contaminated water enters the bore to constrain the depth-interval where pumping would take place. 	Must be situated at locations targeted to recover seepage.

8. The licence holder must, within 60 calendar days of the monitoring bores and seepage recovery bores being constructed, submit to the CEO a bore construction report evidencing compliance with the requirements of condition 6 and 7.
9. The licence holder must ensure that tailings, decant water and treated effluent from the wastewater treatment plant are only discharged into containment cells and/or ponds with the relevant infrastructure requirements and at the locations specified in Table 5 and shown in the Figures in Schedule 1.

Table 5: Containment infrastructure

Containment point reference	Containment infrastructure	Material	Requirements
C1	TSF1	Treated effluent from the wastewater treatment plant	Stage 4 lift to RL 406.5m at completion
C2	Process Pond	Tailings thickener overflow, decant return, process catchment water, and bore water from production bores 6B and 6C	Lined with high density polyethylene liner with a permeability of at least $<10^{-9}$ metres per second or equivalent.
C3	TSF2	Tailings	<p>Construction, layout, and arrangement as shown in Figure 8, Schedule 1</p> <p>Operation approved to current crest height of 399m RL after Stage 2B raise.</p> <p>Underdrainage system installed at the base of TSF2 draining to underdrainage collection sumps depicted in the TSF2 maps in Schedule 1.</p> <p>Toe drain depicted in the Figure 8, Schedule 1.</p>

Premises operation

10. The licence holder must only accept waste onto the Premises if:
 - (a) it is of a type listed in Table 6;
 - (b) the quantity accepted is below any quantity limit listed in Table 6; and
 - (c) it meets any specification listed in Table 6.

Table 6: Waste acceptance

Waste type	Waste Code	Quantity limit	Specification ¹
Inert Waste Type 1	N/A	100 tonnes / year in total	None specified
Putrescible Waste	N/A		None specified
Clean Fill	N/A		None specified
Putrescible and Organic wastes			
Sewage	K130	80 m ³ /day	Accepted through sewer inflow(s) only
Vegetable and food processing liquid wastes	K200		
Waste from grease traps	K110	80 m ³ /day	Accepted through sewer inflow(s) only
Miscellaneous			
Inert Waste Type 2	T140	400 tonnes	Tyres only

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

11. The licence holder must ensure that where waste does not comply with Table 6 it is removed from the Premises by the delivery vehicle or, where that is not possible, stored in a segregated storage area or container and removed to an appropriately authorised facility as soon as practicable.
12. The licence holder must ensure that wastes accepted onto the Premises are only subjected to the processes set out in Table 7 and in accordance with any process limits described in that Table.

Table 7: Waste Processing

Waste type	Processes	Process limits ¹
Inert Waste Type 1	Receipt, handling, and disposal of waste by landfilling	All waste types.
Inert Waste Type 2		Disposal of waste by landfilling shall only take place within the landfill areas shown on the Premises Map in Schedule 1.
Putrescible Waste		
Clean Fill		
Sewage	Biological, physical, and chemical treatment.	80 m ³ / day
Vegetable and food processing liquid wastes		
Waste from grease traps		

Note 1: Additional requirements for the acceptance and landfilling of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

13. The licence holder must ensure that cover is applied and maintained on landfilled wastes in accordance with Table 8 and that sufficient stockpiles of cover are maintained on site at all times.

Table 8: Cover requirements

Waste Type	Material	Depth	Timescales
Inert Waste Type 1	Inert and incombustible material	Sufficient to ensure the waste is completely covered and that no waste is exposed	Weekly or as soon as practicable after deposit and prior to compaction
Putrescible Waste			
Inert Waste Type 2	Tyres	100 mm	To be covered by the end of the working day in which the waste was deposited with sufficient quantities of Type 1 inert waste or clean fill to prevent the spread of fire and harbouring of disease vectors.

14. The licence holder must ensure that the site infrastructure and equipment listed in Table 9 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 9.

Table 9: Infrastructure and equipment requirements

Site infrastructure and equipment	Operational requirement	Infrastructure location
TSFs	<ul style="list-style-type: none"> a minimum top of embankment freeboard of 1000 mm (operational freeboard of 300 mm, beach freeboard of 200 mm, and additional stormwater freeboard of 500 mm) or a 1 in 100 year / 72-hour storm event (whichever is greater) is maintained at the TSFs; a minimum top of embankment freeboard of 300 mm is maintained at the Process Pond; methods of operation minimise the likelihood of erosion of the embankments by wave action; a seepage collection and recovery system is installed, maintained and used to capture seepage from TSFs; seepage is returned to the TSFs or re-used in process; and Tailings discharge or spigotting is to be carried out such that the supernatant pond is always maintained around the decant facility and associated pump. The water recovery system (decant pumps and piping) is required to have a minimum capacity of 150 m³/hr. Water recovery must always be maximised. 	Location as shown in Figure 1, 2, and 11 of Schedule 1

Site infrastructure and equipment	Operational requirement	Infrastructure location
Landfill site	<ul style="list-style-type: none"> the size of the tipping face is kept to a minimum and not larger than 30 m in length and 2 m above ground level in height; waste is levelled and compacted as soon as practicable after it is discharged; waste is placed and compacted to ensure all faces are stable and capable of retaining restoration material; restoration of a cell or phase takes place within 6 months after disposal in that cell or phase has been completed; and wind-blown waste must be contained within the landfill area and that wind-blown waste is returned to the tipping area on at least a weekly basis. 	Location as shown in Figure 1 of Schedule 1
Crushing and screening plant	<ul style="list-style-type: none"> surface water runoff controls around crushing and screening plant to direct surface water runoff away from plant. sprinklers fitted on the plant must be in operation when crushing/screening activities are being undertaken. Sprinklers fitted around the plant must be used as required to control dust emissions. 	Location listed as Majuba as shown in Figure 12 of Schedule 1
Concrete batch plant	<ul style="list-style-type: none"> surface water runoff controls around the haulage yard and stockpile areas to redirect water away from concrete batch plant. Any concrete slurry spills must be cleaned up or contained 	Golden Eagle Haulage Yard, location listed as Golden Eagle in Figure 12 of Schedule 1
Water cart	Must be available and operational to effectively wet down dust generating areas	N/A
Sedimentation dam	Freeboard to be maintained at 300 mm at all times	Golden Eagle Haulage Yard and Majuba Crushing Plant as illustrated in Figure 12 of Schedule 1

Emissions and discharges

Point source emissions to air

- The licence holder must ensure that where waste is emitted to air from the emission points in Table 10 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this licence.

Table 10: Emission points to air

Emission point reference and location on Map of emission points	Emission Point	Emission point height (m)	Source, including any abatement
A1	Off-gas released to air via a stack	27.3 m	Carbon regeneration
A2	Off-gas released to air via a stack	10.4 m	Gold smelting
Power plant	Diesel generator exhaust stacks - 2 per generator; 20 stacks in total	7.8 m	Diesel fuelled generators

Monitoring

General monitoring

- 16.** The licence holder must ensure that:
- all water samples are collected and preserved in accordance with AS/NZS 5667.1;
 - all wastewater sampling is conducted in accordance with AS/NZS 5667.10;
 - all groundwater sampling is conducted in accordance with AS/NZS 5667.11; and
 - all samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.
- 17.** The licence holder must ensure that:
- monthly monitoring is undertaken at least 15 days apart;
 - quarterly monitoring is undertaken at least 45 days apart;
 - six monthly monitoring is undertaken at least 5 months apart; and
 - annual monitoring is undertaken at least 9 months apart.
- 18.** The licence holder must ensure that all monitoring equipment used on the Premises to comply with the conditions of this licence is calibrated in accordance with the manufacturer's specifications.
- 19.** The licence holder must, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

Monitoring of inputs and outputs

- 6. 20.** The licence holder must undertake the monitoring specified in

Table 11.

Table 11: Monitoring of inputs and outputs

Input / Output	Parameter	Units	Averaging Period	Frequency
Waste Inputs	Inert Waste Type 1, Putrescible Waste and Clean Fill	Tonnes or (where no weighbridge is present) m ³	N/A	Each load arriving at the landfill
Waste Inputs	Inert Waste Type 2 (Tyres)	Tonnes	N/A	Each load arriving at the landfill

Process monitoring

21. The licence holder must undertake the monitoring specified in Table 12.

Table 12: Process monitoring

Monitoring point reference	Process description	Parameter	Units	Frequency	Method
P1 being the pipe feeding TSF 1 from the wastewater-treatment plant	Treated wastewater quality	pH ¹	pH units	Monthly	AS/NZS 5667.1 AS/NZS 5667.10
		Biochemical oxygen demand	mg/L		
		Total suspended solids	mg/L		
		Total nitrogen	mg/L		
		Total phosphorus	mg/L		
		<i>E.coli</i>	org/100mL		
P2 being the tailings reuse water	Water recovered from the TSF2 for reuse onsite	pH ¹	pH units	Quarterly	AS/NZS 5667.1 AS/NZS 5667.11
		Electrical conductivity	µS/cm		
		Total dissolved solids	mg/L		
		Hardness	mg/L		
		Hydroxide	mg/L		
		Silicon dioxide	mg/L		
		Carbonate	mg/L		
		Bicarbonate	mg/L		
		Potassium	mg/L		
		Calcium	mg/L		
		Magnesium	mg/L		
		Chloride	mg/L		
		Sulfate	mg/L		
		Nitrate	mg/L		
		Aluminium (dissolved)	mg/L		
		Arsenic	mg/L		
Boron	mg/L				

Monitoring point reference	Process description	Parameter	Units	Frequency	Method
P2 being the tailings reuse water	Water recovered from the TSF2 for reuse onsite	Barium	mg/L	Quarterly	AS/NZS 5667.1 AS/NZS 5667.11
		Beryllium	mg/L		
		Mercury	mg/L		
		Molybdenum	mg/L		
		Lead (dissolved)	mg/L		
		Selenium	mg/L		
		Antimony	mg/L		
		Strontium	mg/L		
		Zinc (dissolved)	mg/L		
		Chromium (VI) (dissolved)	mg/L		
		Copper	mg/L		
		Iron (dissolved)	mg/L		
		Manganese	mg/L		
		Nickel	mg/L		
-	-	Volumes of treated effluent from the Wastewater Treatment Plant deposited into the TSF1	m ³	Continuous	Flow metering device
-	-	Volumes of decant water recovered from the TSFs	m ³	Continuous	Flow metering device
-	-	Phreatic surface levels within TSFs embankments	m AHD	Monthly	Data logger
-	-	Volumes of toe drainage seepage recovered	m ³	Continuous	Flow metering device
-	-	Volume of seepage captured by recovery bores TSFB002 and TSFB003	m ³	Continuous	Flow metering device

Note 1: In-field non-NATA accredited analysis permitted.

Ambient environmental quality monitoring

22. The licence holder must monitor groundwater conditions at the premises in accordance with the requirements specified in Table 13 and record the results of all such monitoring.

Table 13: Monitoring of ambient groundwater quality

Monitoring point reference	Parameter	Trigger	Limit	Units	Averaging period	Frequency
GEWB02, GEWB04, GEWB06, GEWB09, GEWB014A, GEWB015, GEWB019, GEWB021, GEWB023, and GEWB026	Volume ¹	None specified	None specified	KL	Spot sample	Monthly
	Surface water level			mbgl		
	pH ¹			-		Quarterly
	Electrical conductivity ¹			µS/cm		
	Total dissolved solids ¹			mg/L		
GEWB02, GEWB015, GEWB021, GEWB024, GEWB026, M01, M02, M03, M04, MW05A, M06, M16, M17, 11SDMW08, TDMB1S/D, TDMB2S/D, TDMB3S/D, TDMB4S/D, TDMB5S/D, TDMB6S/D, TSF2MB1S/D, TSF2MB2S/D, TSF2MB3S/D, TSF2MB4S/D, TSF2MB5, TSF2MB6, TSF2MB7, TSF2MB8, TSF2MB9D/S, TSF2MB10S/D ³ , TSF2MB11S/D ³ , TSF2MB12S/D ³ , TSF2MB13S/D ³ , TSF2MB14S/D ³ , TSF2MB15 ³ , KCB7F, KCB10, KCB12, KCB41, and TSFB001	Surface water level	5	5	mbgl	Spot sample	Monthly
	pH ¹	None specified	None specified	-	Spot sample	<u>Annual:</u> GEWB021, GEWB024, M01, M04, M16, and M17 <u>Six monthly:</u> GEWB02, GEWB015, GEWB016, MW05A, M06, and 11SDMW08 <u>Quarterly:</u> TDMB1S/D, TDMB2S/D, TDMB3S/D, TDMB4S/D, TDMB5S/D, TDMB6S/D, TSF2MB1S/D, TSF2MB2S/D, TSF2MB3S/D, TSF2MB4S/D, TSF2MB5/D, TSF2MB9D/S, TSF2MB10S/D ³ , TSF2MB11S/D ³ , TSF2MB12S/D ³ , TSF2MB13S/D ³ , TSF2MB14S/D ³ , TSF2MB15 ³ , KCB7F, KCB10, KCB12, KCB41, and TSFB001
	Electrical conductivity					
	Total dissolved solids					
	Hardness					
	Hydroxide					
	Silicon dioxide					
	Carbonate					
	Bicarbonate					
	Potassium					
	Calcium					
	Magnesium					
	Chloride ²	1,200	1,500			
	Sulfate ²	2,400	3,000	mg/L	Spot sample	
	Nitrate	40	50			
	Aluminium (dissolved)	1.6	2			
	Arsenic	4	5			
	Boron	4	5			
	Barium	4	5			
	Beryllium	0.5	0.6			
	Mercury	0.008	0.01			
	Molybdenum	0.04	0.5			
	Lead (dissolved)	0.08	0.1			
	Selenium	0.08	0.1			
	Antimony	0.024	0.03			
	Strontium ²	3.2	4			

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Monitoring point reference	Parameter	Trigger	Limit	Units	Averaging period	Frequency
	Zinc (dissolved)	2.4	3			KCB12, KCB41, and TSFB001.
	Chromium (VI) (dissolved)	0.006	0.008			
	Copper	1.6	2			
	Iron (dissolved)	400	500			
	Manganese	12.8	16			
	Nickel ²	0.4	0.5			
	Acrylamide	None specified	None specified	µg/L		
GEWB02, GEWB015, GEWB026, MW05A, M06, and 11SDMW08	Total recoverable hydrocarbons	None specified	5	mg/L	Spot sample	Six monthly
TSF2-VWP 03, TSF2-VWP 06, TSF2-VWP 09, TSF2-VWP 12, TSF2-VWP 15, and TSF2-VWP 18	Surface water level (SWL)	None specified	5	mbgl	Spot sample	Monthly
TDMB1S/D, TDMB2S/D, TDMB3S/D, TDMB4S/D, TDMB5S/D, TDMB6S/D, TSF2MB1S/D, TSF2MB2S/D, TSF2MB3S/D, TSF2MB4S/D, TSF2MB5, TSF2MB9D/S, TSF2MB10S/D ³ , TSF2MB11S/D ³ , TSF2MB12S/D ³ , TSF2MB13S/D ³ , TSF2MB14S/D ³ , TSF2MB15 ³ , TSFB001, KCB7F, KCB10, KCB12, and KCB41	Total cyanide	None specified	None specified	mg/L	Spot sample	Quarterly
	Free cyanide	0.6	0.8	mg/L		
	Free cyanide	0.6	0.8	mg/L	Spot sample	Quarterly

Note 1: In-field non-NATA accredited analysis permitted.

Note 2: Spatial specific Triggers and Limits are set for these analytes in Table 14.

Note 3: Bores yet to be installed.

23. The licence holder must, in the event of a parameter in conditions 22 and 23, Table 13 and 14 being equal or exceeds the corresponding trigger value specified in that condition, undertake the management actions in accordance with the Seepage Management Plan and specified in Schedule 3. The licence holder must not exceed limit values specified in conditions 22 and 23.

Table 14: Spatial specific trigger and limit values for selected analytes

Spatially grouped monitoring point reference	Parameter	Assessment trigger	Compliance limit	Units
<u>TSF2 Distant:</u> KCB7F, M17, and TSF2MB15 ¹	Chloride	6,714 ²	8,299 ²	mg/L
	Sulphate	11,025 ²	13,769 ²	
	Nickel	1.4 ²	2.2 ²	
	Strontium	8.7 ²	12.1 ²	
<u>TSF2 Immediate Vicinity:</u> TSF2MB1S/D, TSF2MB2S/D, TSF2MB3S/D, TSF2MB4S/D, TSF2MB5, TSF2MB6, TSF2MB7, TSF2MB8, TSF2MB9S/D ¹ , TSF2MB10S/D ¹ , TSF2M11S/D ¹ , and TSF2MB14S/D ¹	Chloride	10,237 ³	18,505 ³	
	Sulphate	12,831 ³	21,246 ³	
	Nickel	0.5 ⁴	0.649 ⁴	
	Strontium	9.4 ³	13.6 ³	
<u>TSF2 Nearby Area:</u> TSF2MB12S/D ¹ , TSF2MB13S/D ¹ , and KCB12	Chloride	10,261 ³	17,074 ³	
	Sulphate	6,355 ³	10,052 ³	
	Nickel	0.605 ²	0.928 ²	
	Strontium	4.2 ³	5.8 ³	

Note 1: Bores yet to be installed.

Note 2: Assessment limit at Upper Tolerance Limit (UTL) and compliance limit at four standard deviations above the mean.

Note 3: Assessment limit at UTL and compliance limit based on mass balance calculations.

Note 4: Using previous trigger limit as the assessment limit and UTL as the compliance limit.

24. The licence holder must undertake a monthly water balance for TSF2. The water balance shall as a minimum consider the following:
- site rainfall;
 - evaporation;
 - decant water recovery volumes;
 - seepage recovery volumes from all seepage recovery bores; ~~and~~
 - toe drainage recovery volumes;
 - volumes of tailings deposited;
 - tailings solid content (w/w %);
 - volume of water in tailings;
 - TSF2 remaining filling capacity – determined via tailings level (mRL); and
 - calculated seepage compared against predicted seepage.

7. 25. The licence holder must, in the event of surface water level exceeding the limit in
- 8.
- 9.

Table 13, undertake the management action(s) corresponding to monitoring location(s) within the corresponding timeframe(s) as specified in Table 15.

Table 15: Management actions required in surface water level exceedance around TSF1 and TSF2.

Parameter	Trigger	Management action
Vegetation health; efflorescence	vegetation stressed or dying; or signs of stress in many individuals or several species.	Within 24 hours investigate and assess areas and confirm from further assessment of vegetation health around monitoring bore with SWL exceedance if seepage mounding is causing vegetation decline. If seepage mounding is confirmed to be causing decline, immediately adjust seepage recovery. Continue to assess vegetation health against groundwater level on a weekly basis and maintain a record of all management actions, including photos from fixed locations.

26. During the first 30 days of discharge of Beatons Creek Tailings, the licence holder must collect at least 10 individual representative tailings samples, including pore water, to determine the likely behaviour of elements under a range of leaching conditions, which may include, but not be limited to:
- (a) testing using the LEAF Test Method 1313 pH-dependent leaching test (US EPA, 2017);
 - (b) geotechnical characterisation of tailings including: particle size distribution, volume of solids, settling test (drained and undrained), air drying test and hydraulic conductivity of the same tailings tested in (a); and
 - (c) testing for the contaminants listed in Table 16.

All test results shall be collated and provided in a report to the CEO no later than 60 days after the sample results become available.

Table 16: Tailings characterisation parameters

Stream	Unit	Contaminants		
Tailings leachate and pore water	mg/L	Ag – Silver	Fe – Iron	Sb – Antimony
		Al – Aluminium	Hg – Mercury	Se – Selenium
		As – Arsenic	K – Potassium	Si – Silicon
		Ba – Barium	Mg – Magnesium	Sn – Tin
		B – Boron	Mn – Manganese	Sr – Strontium
		C total – Carbon total	Mo – Molybdenum	Zn – Zinc
		C carbonate – Carbon carbonate	Na – Sodium	TDS (total dissolved solids)
		Ca – Calcium	Ni – Nickel	Total Nitrogen
		Cd – Cadmium	P – Phosphorus	Sulfur total
		Co – Cobalt	Pb – Lead	SO ₄ ⁻² – Sulphate

Stream	Unit	Contaminants		
		Cr – Chromium	Cu – Copper	Acrylamide
	pH unit	pH		

Inspections

27. The licence holder must:
- (a) undertake inspections as detailed in Table 17;
 - (b) where any inspection identifies that an appropriate level of environmental protection is not being maintained, take corrective action to mitigate adverse environmental consequences as soon as practicable; and
 - (c) maintain a record of all inspections undertaken.

Table 17: Inspection of infrastructure

Scope of inspection	Type of inspection	Frequency of inspection
Tailings pipelines	Visual integrity	Daily
Return water lines	Visual integrity	Daily
Embankment freeboard	Visual to confirm required freeboard capacity is available	Daily

Specified actions

28. The licence holder must undertake within a maximum of four months from the day of recommencement of deposition of tailings into TSF2, a ground-based geophysical investigation using electrical or electromagnetic methods on transects near TSF2 to identify water-carrying fracture zones that are likely to be major conduits for groundwater flow/seepage from the TSF2 and their approximate depths and extent.
29. The licence holder must submit to the CEO, within six months from the day of recommencement of deposition of tailings into TSF2, a report on hydrogeological conditions surrounding TSF2 which must include, but need not be limited to, the following:
- (a) Results and interpretation of a ground-based geophysical investigation using electrical or electromagnetic methods as specified in condition 28;
 - (b) Review of the suitability and effectiveness of the current monitoring network (as per column 1 Table 13), based on the results of the geophysical investigation specified in condition 28 and recommendations made by SRK Consulting (2024). The review must identify whether additional bores to monitor seepage from the TSF2 are required, including their location(s) and depths. Any new additional monitoring bore must be constructed and installed as specified in Table 3. At a minimum, one additional bore needs to be identified and installed at a suitable location southern of the existing TSF2. The review must be signed by a suitably qualified hydrogeologist, with a minimum of five years relevant experience; and
 - (c) Review of the suitability and effectiveness of current seepage control infrastructure, based on the results of the geophysical investigation specified in condition 28. The review must identify whether additional seepage recovery

infrastructure is required to contain seepage from the TSF2 including their location, depth and/or dimensions. Any new additional seepage recovery bores must be constructed and installed as specified in Table 4. The review must be signed by a suitably qualified hydrogeologist, with a minimum of five years relevant experience.

Records and reporting

- 30.** The licence holder must record the following information in relation to complaints received by the licence holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
- (a) the name and contact details of the complainant, (if provided);
 - (b) the time and date of the complaint;
 - (c) the complete details of the complaint and any other concerns or other issues raised; and
 - (d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
- 31.** The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
- (a) the calculation of fees payable in respect of this licence;
 - (b) the works conducted in accordance with condition 3 of this licence;
 - (c) any maintenance of infrastructure that is performed in the course of complying with condition 14 of this licence;
 - (d) monitoring programmes undertaken in accordance with conditions 20, 21, 22, 23, and 24 of this licence; and
 - (e) complaints received under condition 30 of this licence.
- 32.** The books specified under condition 31 must:
- (a) be legible;
 - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
 - (c) be retained by the licence holder for the duration of the licence; and
 - (d) be available to be produced to an inspector or the CEO as required.
- 33.** The licence holder must:
- (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
 - (b) prepare and submit to the CEO by no later than 90 days after the end of that annual period an Annual Audit Compliance Report in the approved form.
- 34.** The licence holder must:
- (a) implement and maintain a system which ensures that a record is made of:
 - (i) the waste types and quantities accepted at the site;
 - (ii) the waste types and quantities disposed of at the site; and
 - (iii) any documentary evidence to demonstrate compliance with the Class II landfill acceptance criteria.

35. The licence holder must submit to the CEO an Annual Environmental Report within 90 calendar days after the end of the annual period. The report shall contain the information listed in Table 18 in the format or form specified in that table.

Table 18: Annual Environmental report

Condition or table (if relevant)	Parameter / requirement	Format or form ¹
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
Table 11	Inert Waste Type 1, Putrescible Waste and Clean fill tonnage Inert Waste Type 2 weight	None specified
Table 12	pH, biochemical oxygen demand, total suspended solids, total nitrogen, total phosphorus, and <i>E. coli</i>	Graph showing concentration/value x time plus raw data in excel format
	pH, Electrical conductivity, Total dissolved solids, Hardness, Hydroxide, Silicon dioxide, Carbonate, Bicarbonate, Potassium, Calcium, Magnesium, Chloride, Sulfate, Nitrate, Aluminium (dissolved), Arsenic, Boron, Barium, Beryllium, Mercury, Molybdenum, Lead (dissolved), Selenium, Antimony, Strontium, Zinc, (dissolved), Chromium (VI) (dissolved), Copper, Iron (dissolved), Manganese, and Nickel	Graph showing concentration/value x time plus raw data in excel format
	Volume of treated effluent from the wastewater treatment plant deposited into the TSF1	None specified
	Volumes of decant water recovered from the TSF	None specified
	Phreatic surface levels within TSFs embankments	None specified
	Volumes of toe drainage seepage recovered	None specified
Table 13	Volume, pH, Electrical conductivity, Total dissolved solids, Hardness, Hydroxide, Silicon dioxide, Carbonate, Bicarbonate, Potassium, Calcium, Magnesium, Chloride, Sulfate, Nitrate, Aluminium (dissolved), Arsenic, Boron, Barium, Beryllium, Mercury, Molybdenum, Lead (dissolved), Selenium, Antimony, Strontium, Zinc (dissolved), Chromium (VI) (dissolved), Copper, Iron (dissolved), Manganese, Nickel, Total recoverable hydrocarbons, Total cyanide, Free cyanide and Water level	Graph showing concentration/value x time plus raw data in excel format

Condition or table (if relevant)	Parameter / requirement	Format or form ¹
Table 13	Review of suitability of the UTLs for all ambient groundwater parameters based on monitoring data results (as per SRK Consulting (2024) recommendations).	None specified
Table 13	Breach of surface water level trigger level	None specified
24	TSF water balance	Excel spreadsheet – data from each month
27	Summary of the TSF inspections including details on any breach of freeboard, seepage, spills or leaks and corrective measures undertaken to rectify any issues identified.	None specified
30	Complaints summary	None specified
33	Compliance	Annual Audit Compliance Report (AACR) ¹
34	Records of waste types and quantities received at the site and disposed of at the site.	None specified

Note 1: AACR form can be found at DWER website.

- 36.** The licence holder must ensure that the Annual Environmental Report also contains:
- (a) an assessment of the information contained within the report against previous monitoring results and Licence limits; and
 - (b) an assessment of sewage treatment plant performance.
- 37.** The licence holder must submit the information in Table 19 to the CEO according to the specifications in that table.

Table 19: Non-annual reporting requirements

Condition or table (if relevant)	Parameter	Reporting period	Reporting date (after end of the reporting period)	Format or form ¹
-	Copies of original monitoring reports submitted to the licence holder by third parties	Not Applicable	Within 14 days of the CEOs request	As received by the Licence Holder from third parties

Notification

- 38.** The licence holder must ensure that the parameters listed in

Table 20 are notified to the CEO in accordance with the notification requirements of the table.

Table 20: Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
-	Breach of any limit specified in the licence	Part A: As soon as practicable but no later than 5pm of the next usual working day. Part B: As soon as practicable	N1
-	Production ceasing for an unspecified period of time	As soon as practicable after the decision has been made	None Specified
-	Production recommencing	At least 28 days prior to production recommencing	None specified
17	Calibration report	As soon as practicable	None specified

Note 1: Notification requirements in the licence shall not negate the requirement to comply with s72 of the Act.

Note 2: Forms are in Schedule 2.

Definitions

In this licence, the terms in Table 21 have the meanings defined.

Table 21: Definitions

Term	Definition
Acceptance Criteria	has the meaning defined in Landfill Definitions.
ACN	Australian Company Number
AHD	means the Australian height datum.
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department's website).
annual period	a 12-month period commencing from 1 October until 30 September of the immediately following year.
ANZECC 2000	means the most recent version and relevant parts of the <i>Australian and New Zealand Environment Conservation Council guidelines for fresh and marine water quality</i> .
AS 1726	means the Australian Standard AS 1726 – 1993 <i>Geotechnical site investigations</i> .
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 <i>Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples</i> .
AS/NZS 5667.10	means the Australian Standard AS/NZS 5667.10 <i>Water Quality – Sampling – Guidance on sampling of waste waters</i> .
AS/NZS 5667.11	means the Australian Standard AS/NZS 5667.11 <i>Water Quality – Sampling – Guidance on sampling of groundwaters</i> .
averaging period	means the time over which a limit is measured or a monitoring result is obtained.
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the Department. “submit to / notify the CEO” (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
clean fill	has the meaning defined in Landfill Definitions.

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Term	Definition
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
EP Act	<i>Environmental Protection Act 1986</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
freeboard	means the distance between the maximum water surface elevations and the top of the retaining banks or structures at their lowest point.
Inert Waste Type 1	has the meaning defined in Landfill Definitions.
Inert Waste Type 2	has the meaning defined in Landfill Definitions.
Landfill Definitions	means the document titled ' <i>Landfill Waste Classification and Waste Definitions 1996</i> ' published by the Chief Executive Officer of the Department of Environment and Conservation as amended from time to time.
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.
licence holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
m	means metres.
mbgl	means metres below ground level.
mg/L	means milligrams per litre.
mm	means millimetres.
µS/cm	means micro Siemens per centimetre.
NATA	means the National Association of Testing Authorities, Australia.
NATA accredited	means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis.
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map(s) in Schedule 1 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
putrescible waste	has the meaning defined in Landfill Definitions.

Department of Water and Environmental Regulation

Term	Definition
quarterly	means the 4 inclusive periods from 1 October to 31 December and, in the following year, 1 January to 31 March, 1 April to 30 June and 1 July to 30 September.
RL	means Reduced Level.
Schedule 1	means Schedule 1 of this Licence unless otherwise stated.
Schedule 2	means Schedule 2 of this Licence unless otherwise stated.
SRK Consulting (2024)	<i>Nullagine Gold Project – Water Quality Triggers Review, 03 May 2024 (DWERDT944754).</i>
six monthly	means the 2 inclusive periods from 1 October to 31 March in the following year and 1 April to 30 September.
spot sample	means a discrete sample representative at the time and place at which the sample is taken.
TSF	means Tailing Storage Facility.
w/w %	means weight by weight percentage.
waste	has the same meaning given to that term under the EP Act.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).

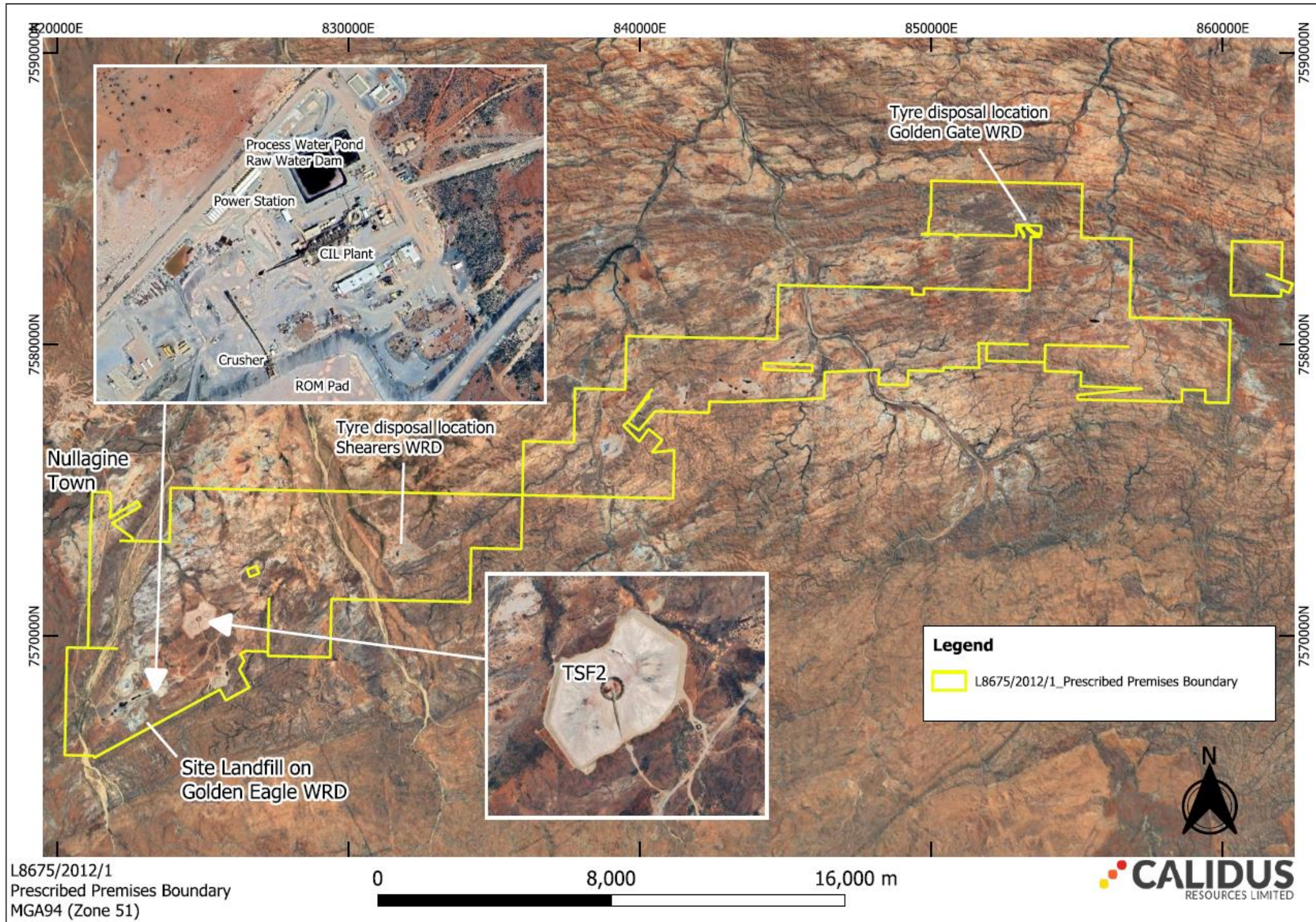


Figure 1: Map of the boundary of the prescribed premises

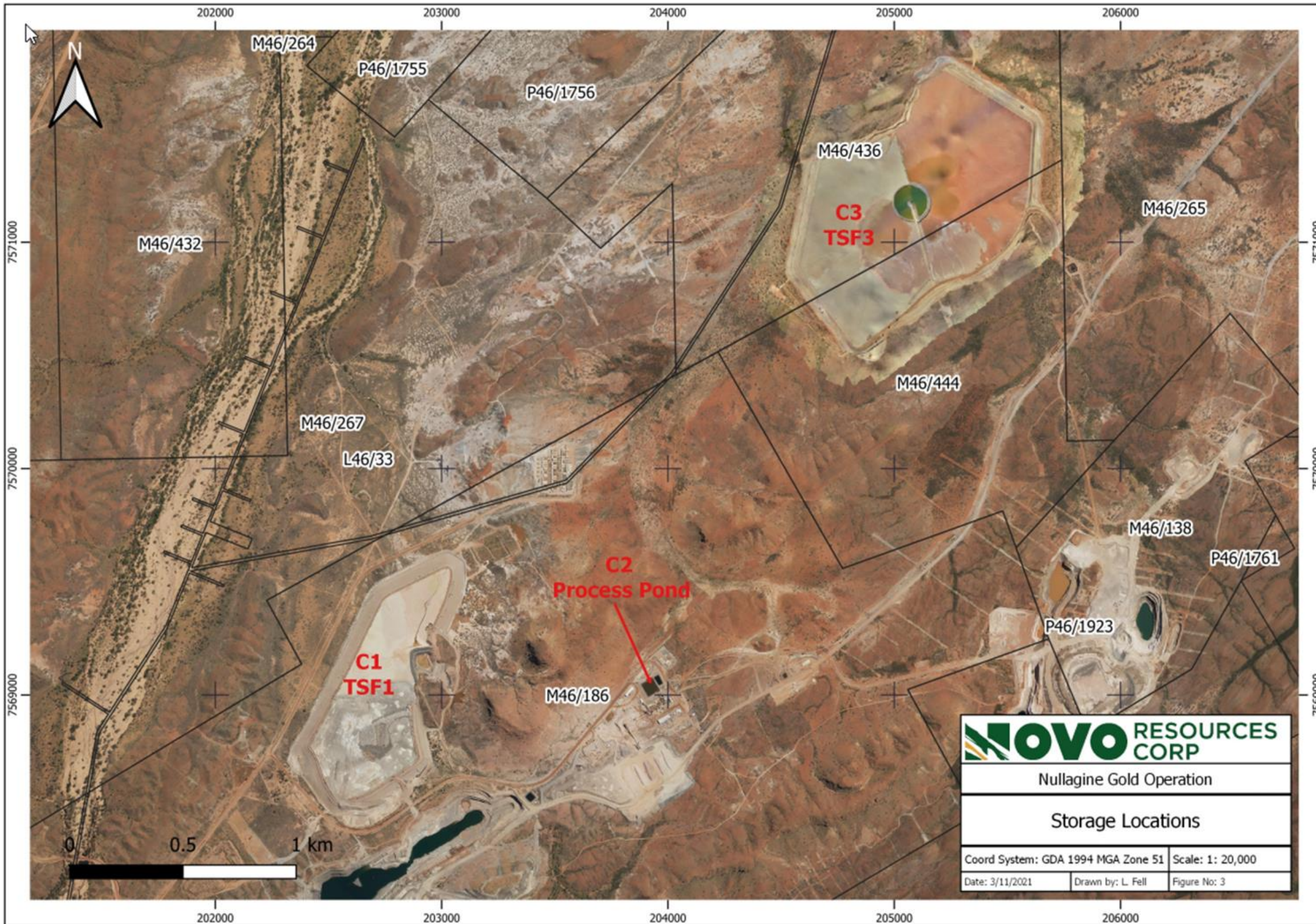


Figure 2: Storage locations C1 and C3 defined in Table 5.

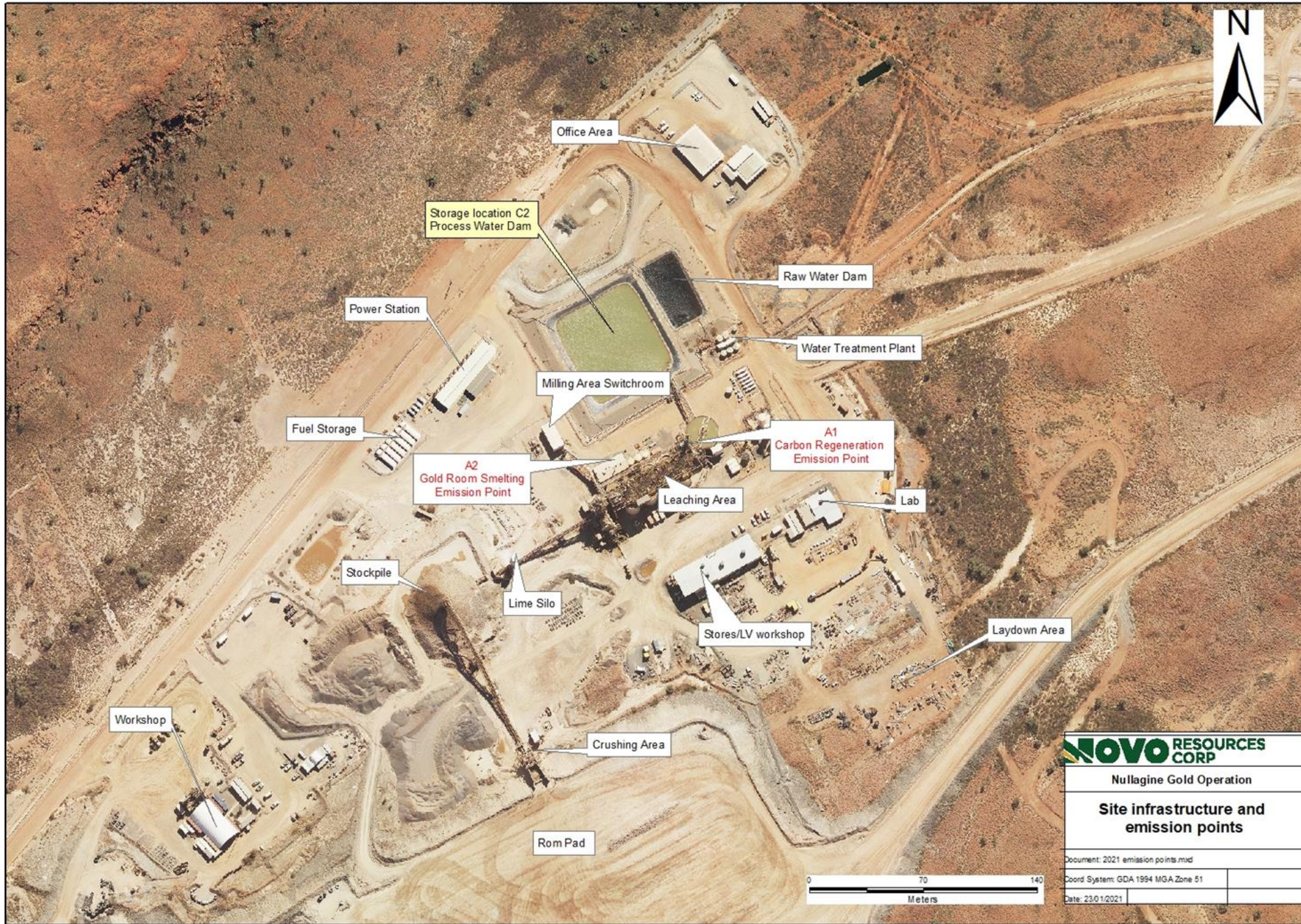


Figure 3: Storage location C2 defined in Table 5.

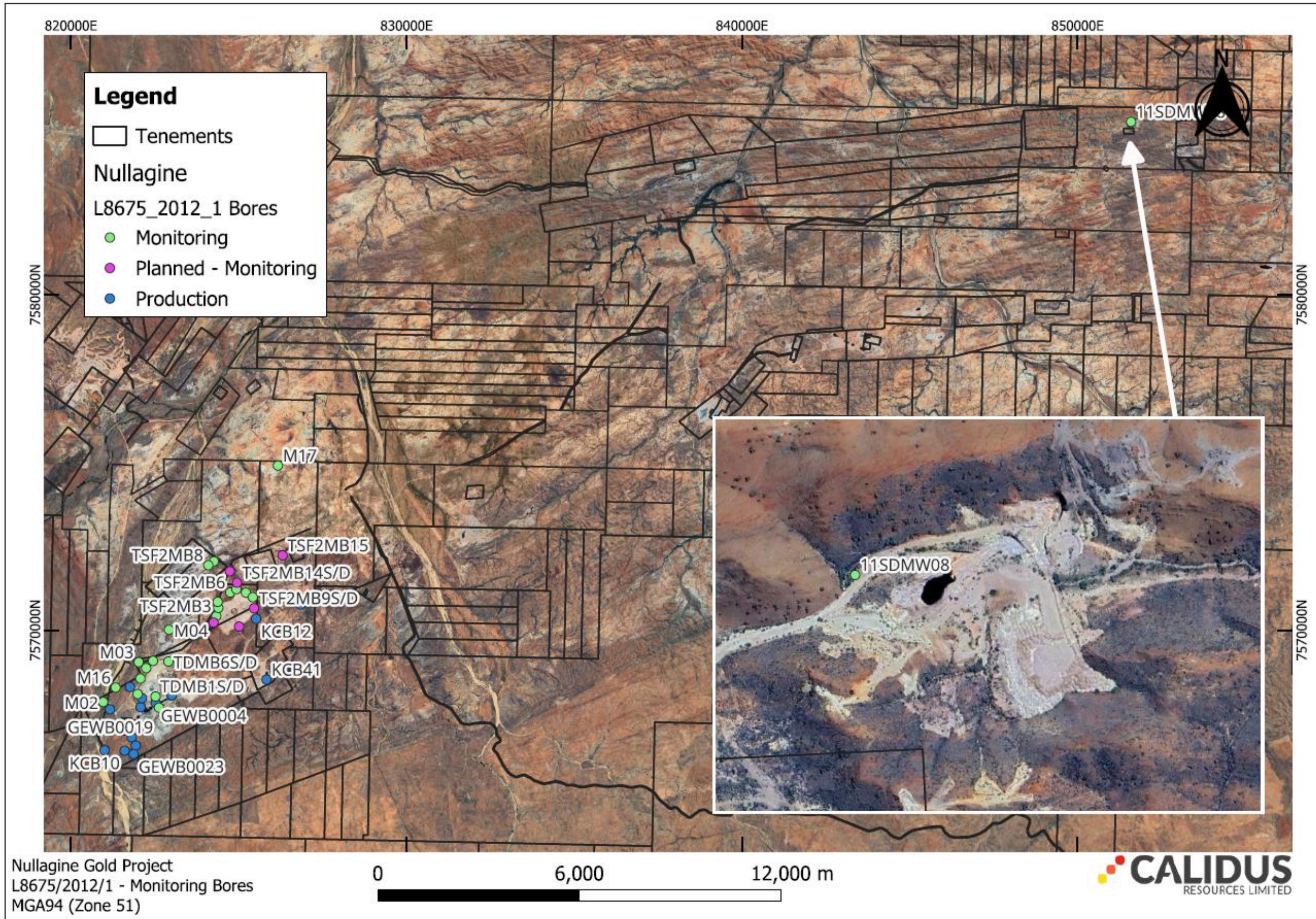


Figure 4: Monitoring points defined in

Table 13.

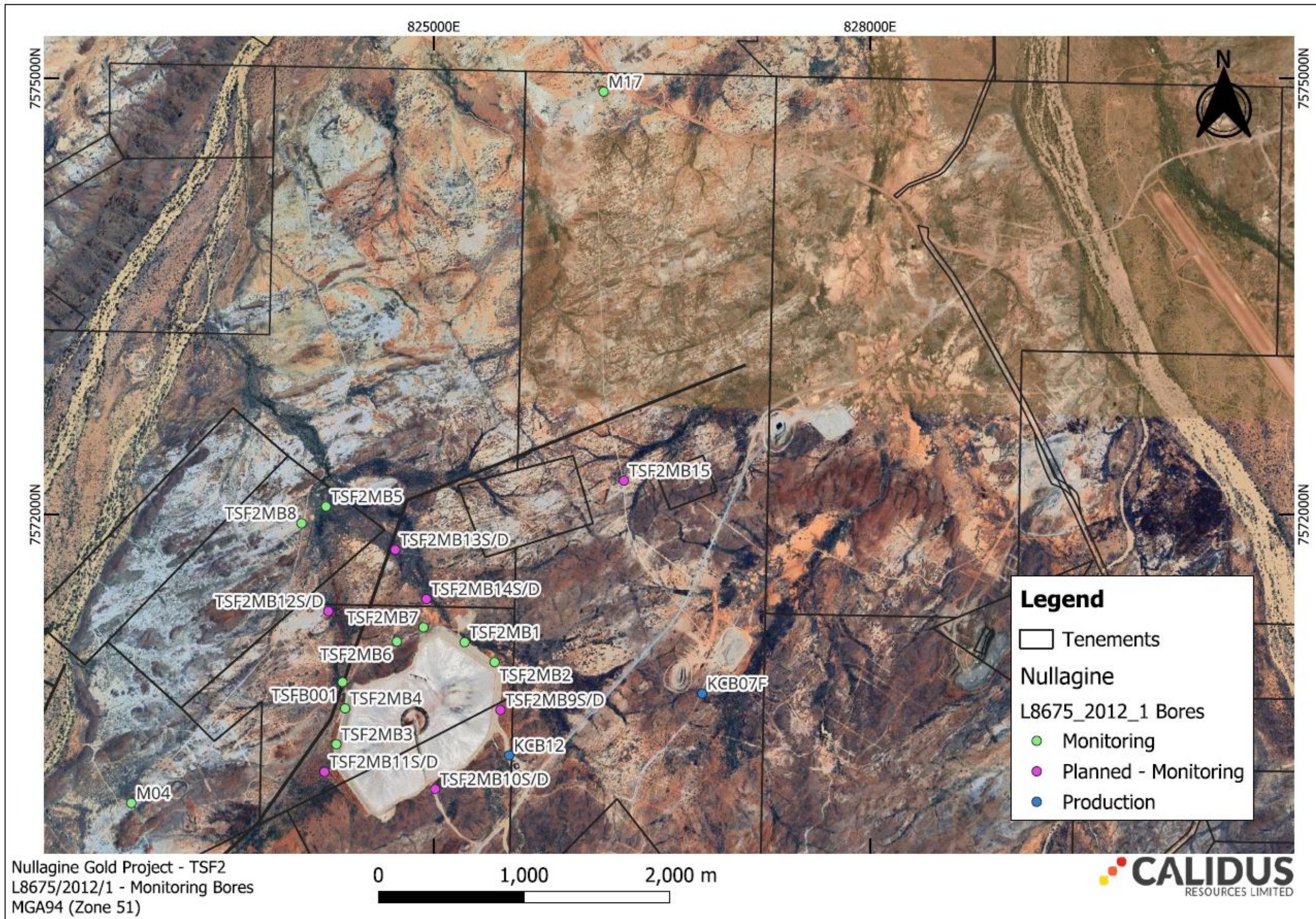


Figure 5: Locations of the TSF2 monitoring points defined in

Table 13.

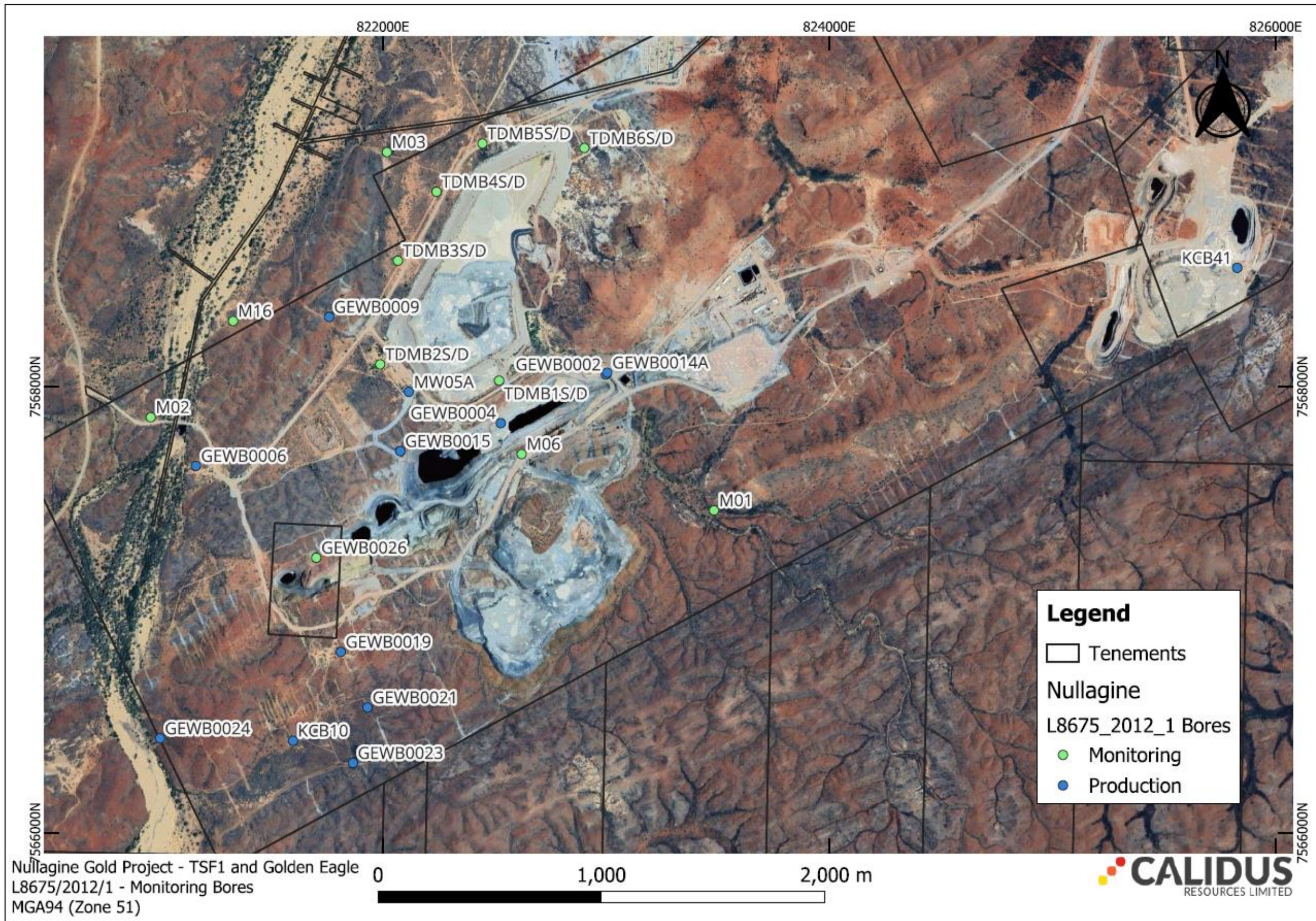


Figure 6: Locations of the TSF1 and Golden Eagle monitoring points defined in

Table 13.

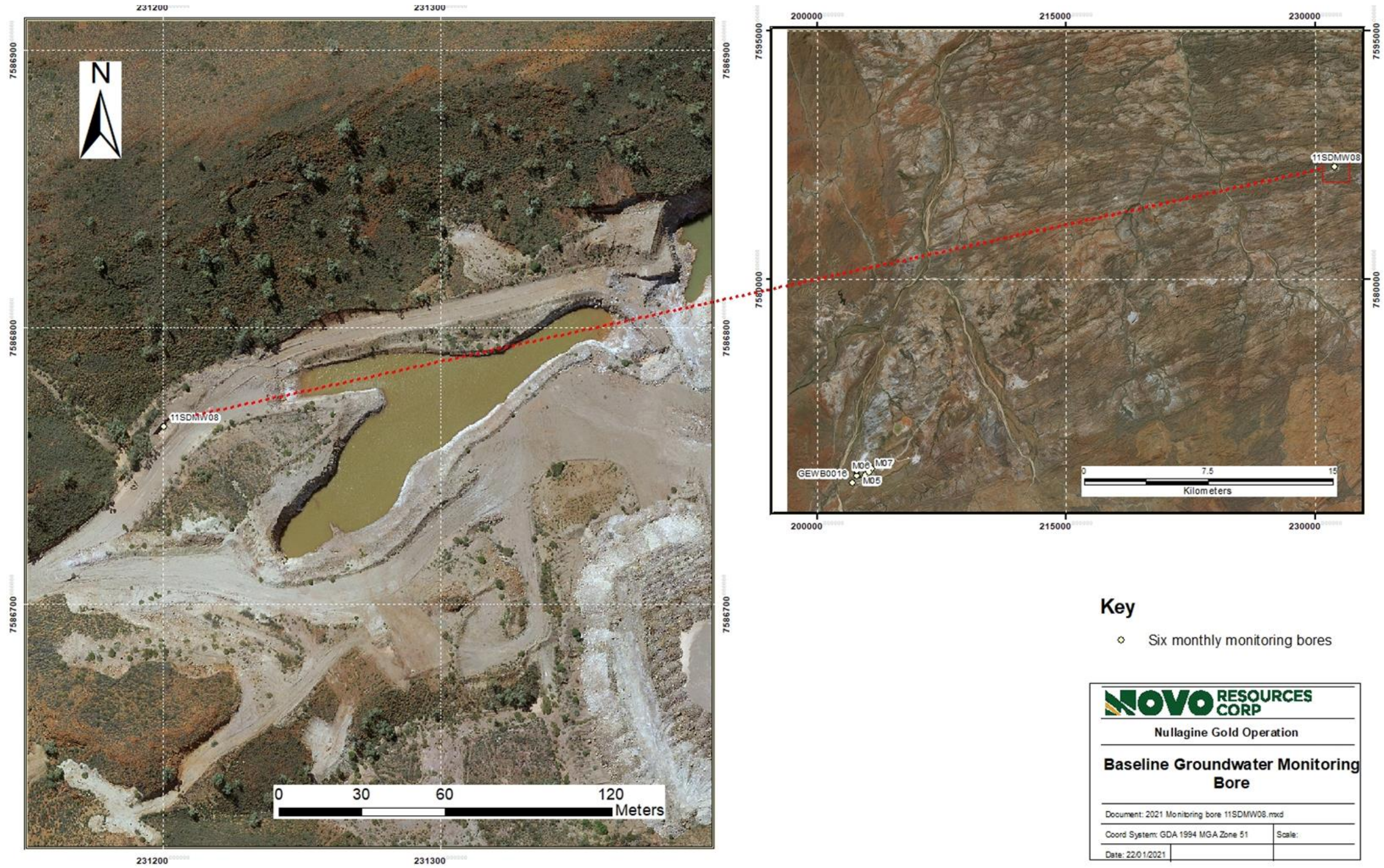


Figure 7: Baseline bore.

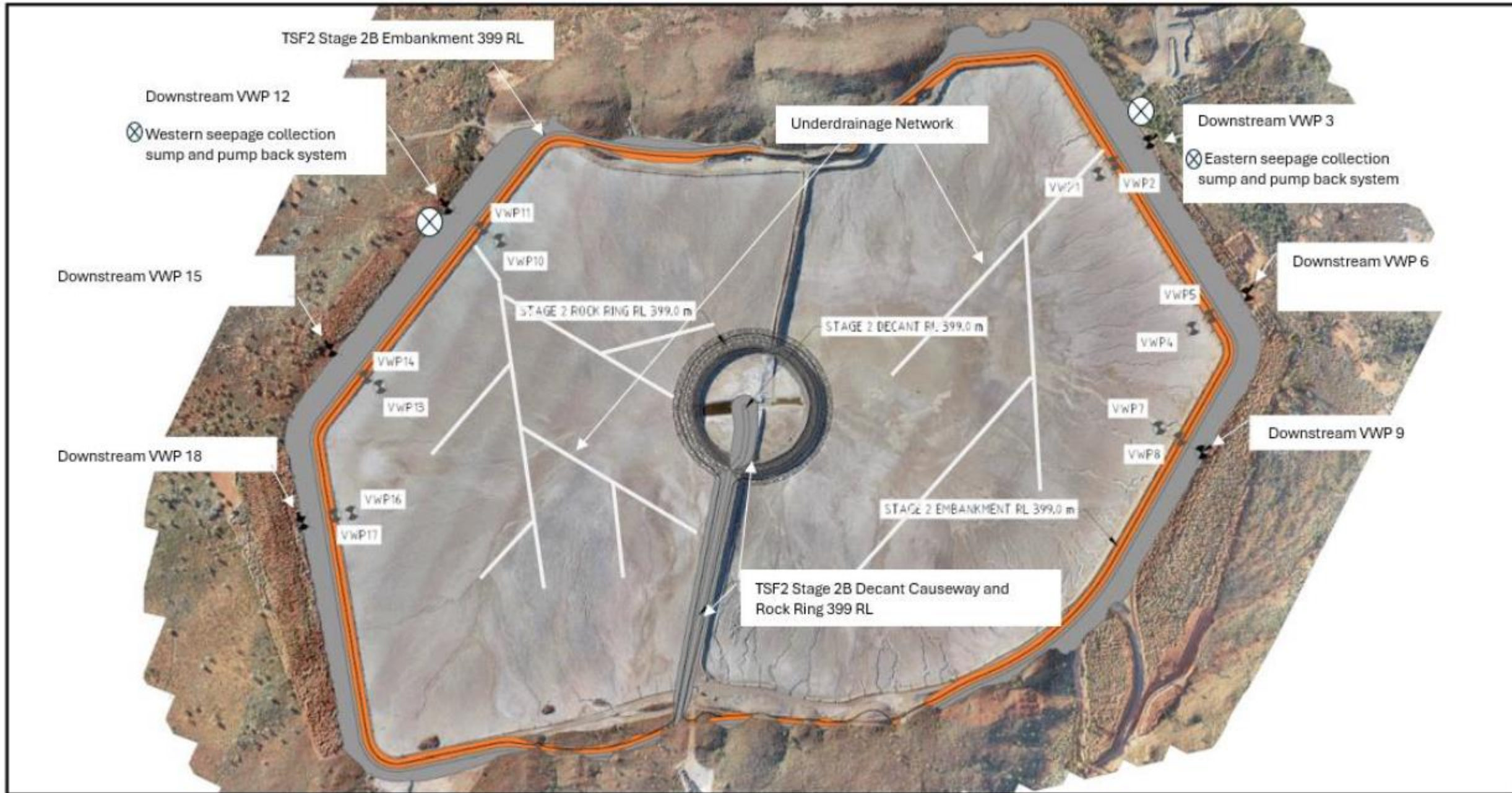


Figure 8: Diagram depicting the underdrainage system, decant structure, toe drain and piezometers.



Figure 9: Location of BC and Golden Eagle ROM pads.

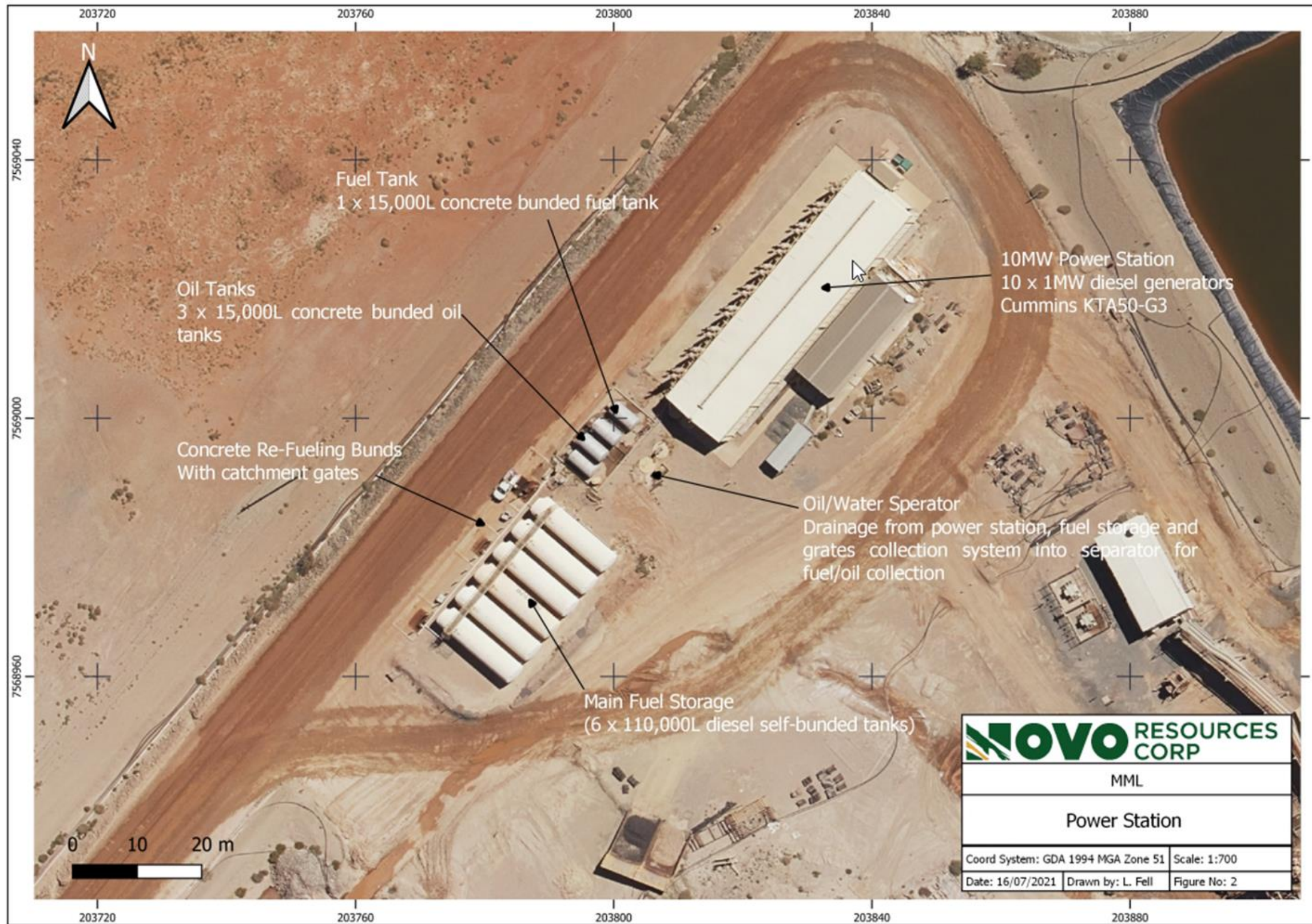


Figure 10: Location of power plant and hydrocarbon storage.

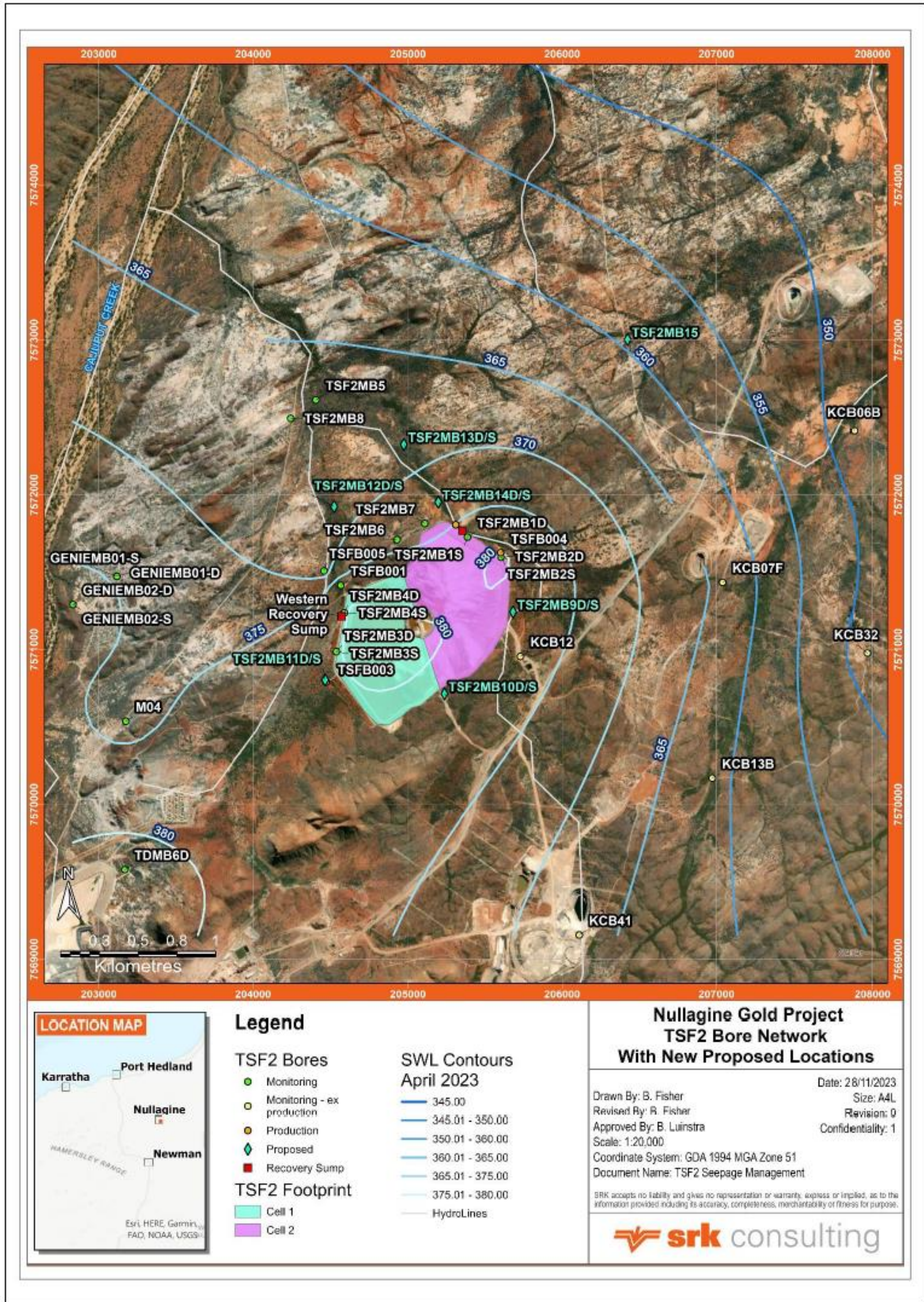
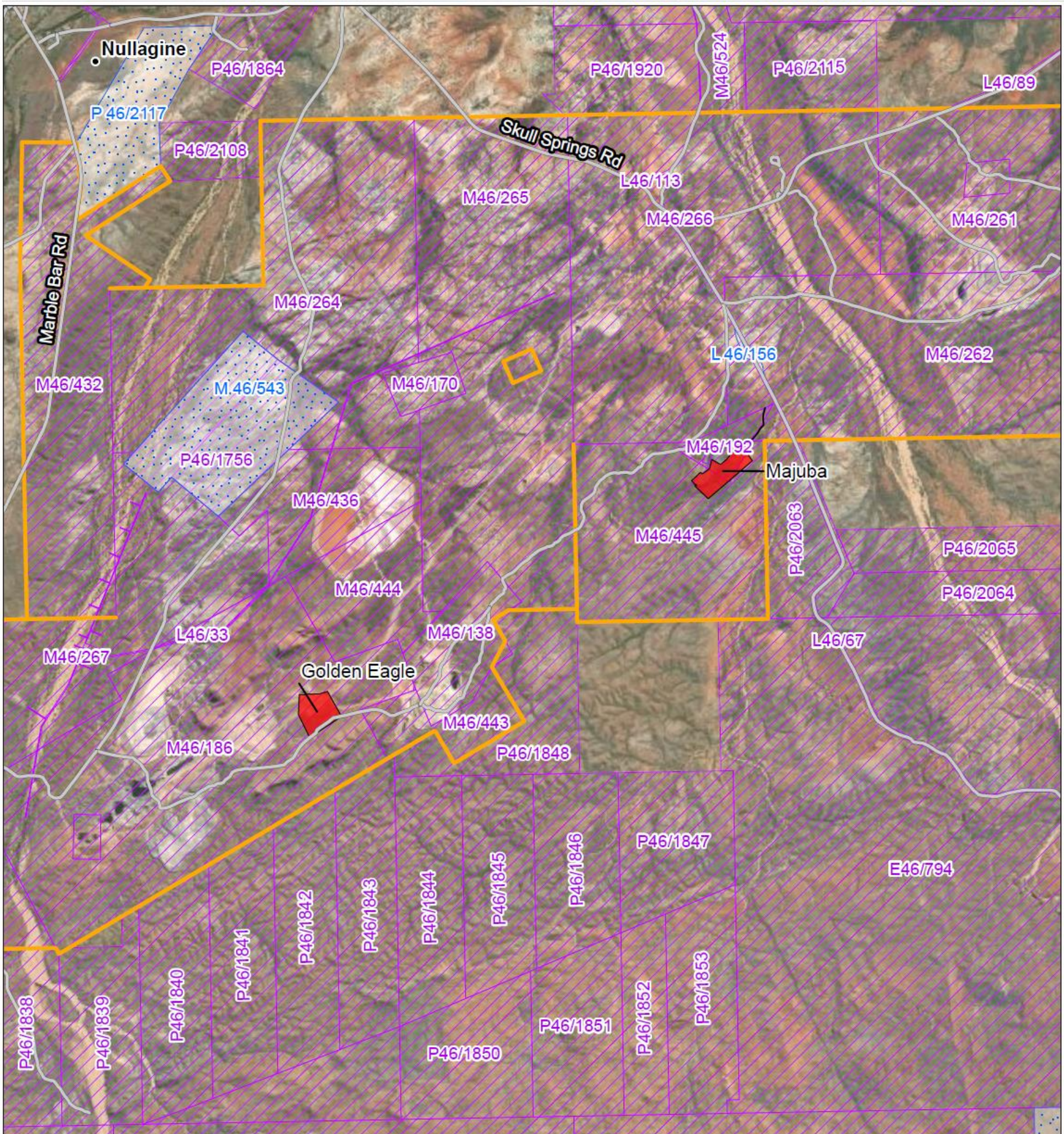


Figure 11: Existing and proposed groundwater monitoring bores, production bores and recovery sumps monitoring network around TSF2.



Data sources: ESRI (2024), data.wa.gov.au, Landgate, DMIRS, HanRoy

Coordinate System: GDA2020 MGA Zone 51 Version: 3 Job No: P526749



**HanRoy Golden Eagle and Majuba
Licence Amendment**

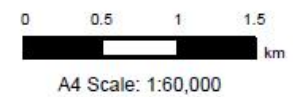


Figure 12: Location of the Golden Eagle haulage yard and Majuba crushing plant

Schedule 2: Reporting & notification forms

Licence: L8675/2012/1
Form: N1

Licence Holder: Millennium Minerals Pty Ltd
Date of breach:

Notification of detection of the breach of a limit.

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

Part A

Licence number	
Name of operator	
Location of premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference/source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	

Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of licence holder	
Date	

Schedule 3: Management actions

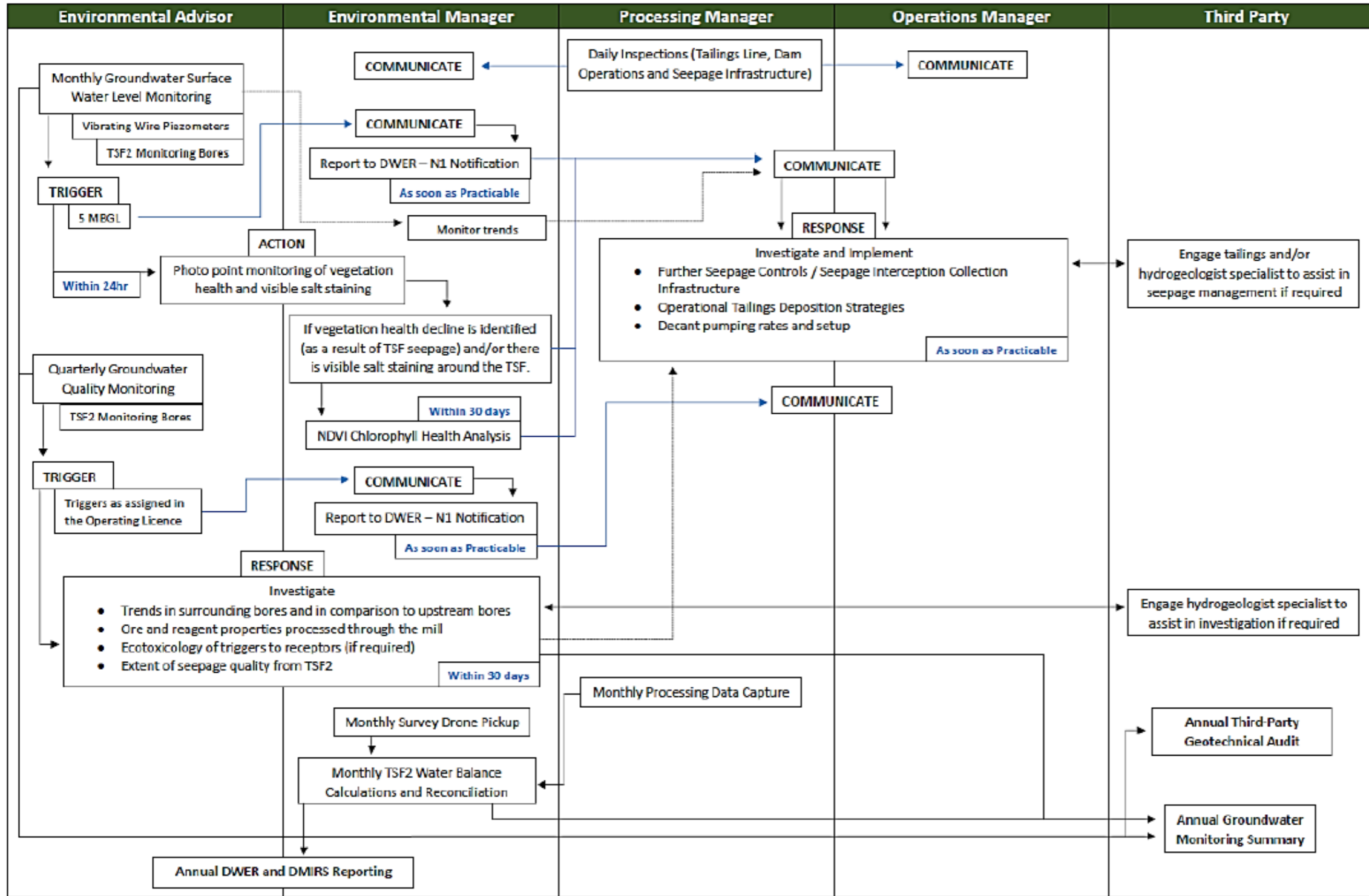


Figure 13: Flow chart for Seepage Trigger Action Response Plan

9 Appendix B – 2025 AACR

Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V

Section A – Licence Details			
Licence number:	L8675/2021/1	Licence file number:	1
Licence holder:	Millennium Minerals Limited		
Trading as:	Millennium Minerals Limited		
ACN:	A.C.N 091 049 357		
Registered address:	10 Kings Park Road, West Perth, WA 6005		
Reporting period:	01/10/2024 to 30/09/2025		

Section B – Statement of Compliance with Licence Conditions
Did you comply with all of your licence conditions during the reporting period? (please tick the appropriate box)
<input type="checkbox"/> Yes – please complete: <ul style="list-style-type: none"> • section C. • section D if required; and • sign the declaration in Section F.
<input checked="" type="checkbox"/> No – please complete: <ul style="list-style-type: none"> • section C. • section D if required. • section E; and • sign the declaration at Section F.

Section C – Statement of Actual Production	
Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed Premises Category	Actual Production Quantity
CAT 5 Processing or beneficiation of metallic or non-metallic ore: premises on which – (a) Metallic or non-metallic ore is crushed, ground, milled or otherwise processed. (b) Tailings from metallic or non-metallic ore are reprocessed; or (c) Tailings or residue from metallic or non-metallic ore are discharged in a containment cell or dam.	0 tonnes
CAT 7 Vat or in situ leaching of metal: premises on which metal is extracted from ore with a chemical solution.	0 tonnes

Section D – Statement of Actual Part 2 Waste Discharge Quantity	
Provide the actual Part 2 waste discharge quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed Premises Category	Actual Part 2 Waste Discharge Quantity
CAT 12 Screening etc. of material: premises (other than premises within category 5 or 8) on which material extracted from the ground is screened, washed, crushed, ground, milled, sized or separated.	0 tonnes
CAT 77 Concrete batching or cement products manufacturing: premises on which cement products or concrete are manufactured for use at places or premises other than those premises.	3,364 tonnes
CAT 85 Sewage facility: premises – (a) On which sewage is treated (excluding septic tanks); or (b) From which sewage is discharged onto land or into waters.	48.23 m ³ /day average (based on an available daily average)
CAT 89 Putrescible landfill site: premises on which waste (as determined by reference to the waste type set out in the document entitled “Landfill Waste Classification and Waste Definitions 1996” published by the Chief Executive Officer, as amended from time to time) is accepted for burial.	339.25 tonnes

Section E – Details of Non-Compliance with Licence Condition

Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.

Condition no:	1	Date(s) of non-compliance:	September 2024 and August 2025
---------------	---	----------------------------	--------------------------------

Details of non-compliance:

There were 6 exceedances of Table 13 groundwater compliance limits and 1 exceedance of Table 14 compliance limits for TSF2MB4D (Immediate Vicinity Bores)



What was the actual (or suspected) environmental impact of the non-compliance?

NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.

Unknown due to the lack of monitoring during the reporting period to be able to analyze trends

Cause (or suspected cause) of non-compliance:

Low staffing and the site being in a state of care and maintenance lead to the groundwater monitoring not being reviewed thoroughly.

Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:

AIM Mining has employed an Environmental Superintendent to be based at NGP permanently which will increase the review of groundwater monitoring data and compliance with condition 1 and 38 from February 2026. An Environmental Technician has also been employed to increase the volume of sampling from February 2026

Was this non-compliance previously reported to DWER? **No**

Department of Water and Environmental Regulation

<input type="checkbox"/> Yes, and	
<input type="checkbox"/> Reported to DWER verbally	Date: / /
<input type="checkbox"/> Reported to DWER in writing	Date: / /

Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	3	Date(s) of non-compliance:	30/09/2025
Details of non-compliance:			
Decant Return Pipeline is not fitted with Telemetry, Automatic cut-off valves or fully enclosed in a V-drain			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No impact as no leaks have occurred in the reporting period and as the plant is not operational no decant return was pumped.			
Cause (or suspected cause) of non-compliance:			
Unknown. Appears to be an oversight by previous project owners			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
AIM Mining Corporation will upgrade the V-drains between the plant and TSF 2 prior to TSF2 recommencing.			
Was this non-compliance previously reported to DWER? No			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	20	Date(s) of non-compliance:	Reporting period
Details of non-compliance:			
Monitoring of the waste inputs was not fully recorded for the reporting period.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Low – due to the site being in care and maintenance and the camp only ramping up in mid-2025 waste was not being generated in large quantities.			
Cause (or suspected cause) of non-compliance:			
Low staffing on site led to low oversight of the waste volume movements			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
AIM Mining has employed an Environmental Superintendent to be based at NGP permanently which will increase oversight of compliance activities.			
Was this non-compliance previously reported to DWER? No			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	21	Date(s) of non-compliance:	Reporting period
Details of non-compliance:			
Monitoring of the WWTP was not undertaken at the required monthly frequency.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Minimal – As the discharge from the WWTP is released and contained on top of TSF1 and does not flow into the undisturbed environment.			
Cause (or suspected cause) of non-compliance:			
Low staffing on site led to low oversight of the WWTP sampling. Also, the camp has been under operation by Hanroy (in an agreement made with Calidus) which means they are operating the WWTP.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
AIM Mining has employed an Environmental Technician to cover the sampling requirements at NGP WWTP which will increase monitoring condition compliance from February 2026.			
Was this non-compliance previously reported to DWER? No			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	22	Date(s) of non-compliance:	Reporting period
Details of non-compliance:			
The majority of groundwater monitoring required in Table 13 of the PPL was not undertaken during the reporting period.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
The impact of the missed monitoring is unclear as the chemistry data for the bores is not available.			
Cause (or suspected cause) of non-compliance:			
Low staffing on site during care and maintenance has led to a reduction in monitoring activities.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
AIM Mining has employed an Environmental Technician to cover the sampling requirements at NGP WWTP which will increase monitoring condition compliance from February 2026.			
Was this non-compliance previously reported to DWER? No			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

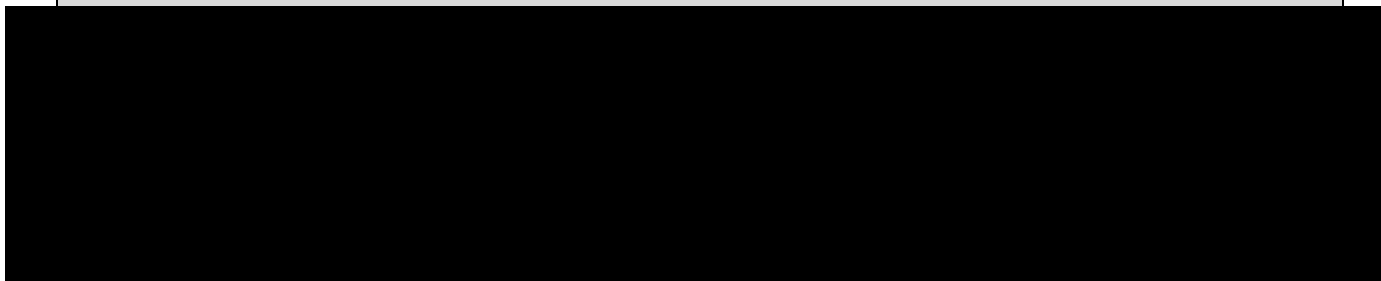
Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	24	Date(s) of non-compliance:	Reporting period
Details of non-compliance:			
During the reporting period, a TSF2 water balance was not captured.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Minimal - As the site was in care and maintenance no deposition of tailing and capture of decant return water and seepage water was undertaken			
Cause (or suspected cause) of non-compliance:			
As the site was in care and maintenance and no production was occurring these values were not captured			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
AIM Mining is looking to start production through the Golden Eagle plant during 2026. At this time the TSF2 water balance values will be recorded.			
Was this non-compliance previously reported to DWER? No			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	33 and 35	Date(s) of non-compliance:	Reporting period
Details of non-compliance:			
AACR and AER were not completed within 90 days of the reporting period			
What was the actual (or suspected) environmental impact of the non-compliance?			
<p>NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p>			
Minimal			
Cause (or suspected cause) of non-compliance:			
Low staffing and the site being in a state of care and maintenance			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
AIM Mining sought an extension to reporting which was approved by DWER for the end of January 2026. AIM has also employed a full-time Environmental Superintendent to improve reporting capacity at the site from February 2026.			
Was this non-compliance previously reported to DWER? No			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	38	Date(s) of non-compliance:	Reporting period
Details of non-compliance:			
Exceedances of a 'Breach of any limit specified in the licence, specifically the groundwater chemistry limits, were not reported to DWER via the N1 form in the required time frame.			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Minimal – as the site was in a state of care and maintenance and no mining or processing operations were being undertaken it is unlikely that contamination would have been caused during the reporting period.			
Cause (or suspected cause) of non-compliance:			
Low staffing and the site being in a state of care and maintenance lead to the groundwater monitoring not being reviewed thoroughly.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
AIM Mining has employed an Environmental Superintendent to be based at NGP permanently which will increase the review of groundwater monitoring data and compliance with condition 38 from February 2026.			
Was this non-compliance previously reported to DWER? No			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input type="checkbox"/> Reported to DWER in writing		Date: / /	

Section F – Declaration

I/We declare that the information in this Annual Audit Compliance Report is true and correct and is not false or misleading in a material particular¹. I/We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation’s (DWER) website.



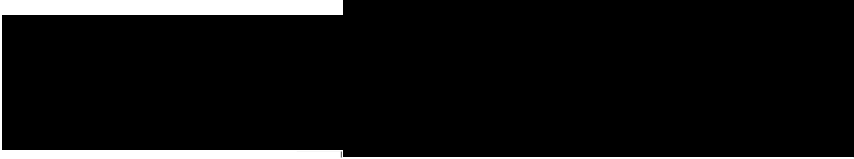
Date:	31/12/2025	Date:	
Seal (if signing under seal):			

¹ It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular.

² AACRs can only be signed by the licence holder or an authorised person with the legal authority to sign on behalf of the licence holder.

Evidence

WWTP throughput

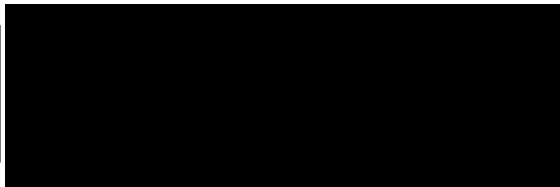


13/12/24 – 46546
19/01/26 – 65936

Total Discharge = 19 390m³ over 402 days

Works out to be about 48.23m³ per day for the reporting period.

Cheers



Landfill Waste Volumes – Tracking sheets from May to September provided in AER Appendix C

	Putrescible	Inert 1	Inert 2
M3	423	3	5
Conversion Factor	0.3	1.1	1.1
Tonnes	126.9	3.3	5.5
<u>2.5 multiplier to reach years total</u>	317.25	8.25	13.75

Concrete Batching – 2.4 tonnes per m³ used as the concrete conversion factor.

Supply to and total

Anderson Construction / Murra Murra Total 691.4 m³

Junjarra Total 23.6 m³

Decmill Total 116.5 m³

Raubax Total 570.2 m³

10 Appendix C – Records of Waste Types and Quantities

Appendix 2: Landfill Logbook

Landfill Logbook

Date	Waste Type	Estimated Waste Volume (m ³)	Waste Origin / Comments	Name
9/5	Village GEN	3m ³	Village	
9/5	Village GEN	3m ³	Village	
7/5	GEN	3m ³	Village	
10 th	GEN	3m ³	Village	
11 th	GEN	3m ³	Village	
12 th	GENERAL	3m ³	VILLAGE	
13 th	GENERAL	5m ³	VILLAGE	
13 th	GENERAL	5m ³	VILLAGE	
13 th	GENERAL	2m ²	VILLAGE	
14 th	GENERAL	3m ³	VILLAGE	
15 th	GENERAL	1m ³	HAUNGE workshop	
15 th	GENERAL	3m ³	VILLAGE	
16 th	GENERAL	3m ³	VILLAGE	
17 th	GENERAL	3m ³	VILLAGE	
17 th	GENERAL	1m ³	HAUNGE workshop	
17 th	GENERAL	3m ³	VILLAGE	
19	GEN	3m ³	VILLAGE	
20 th	GEN	3m ³	VILLAGE	
20 th	General	1m ²	HAUNGE workshop	
21 st	GEN	3m ³	Village	
22	GEN	3m ³	Village	
22	GEN	3m ³	Village	

Appendix 2: Landfill Logbook

Landfill Logbook

Date	Waste Type	Estimated Waste Volume (m ³)	Waste Origin / Comments	Name
23	GEN	3m ³	Village	[REDACTED]
23	GEN	3m ³	Kitelan	
24	GEN	3m ³	Kitelan	
24	GEN	3m ³	Village	
25	GEN	3m ³	Kitelan	
25	GEN	2m ³	Village	
26	↓	↓	↓	
26	↓	↓	↓	
27	GEN	3m ³	Village	
27	GEN	3m ³	Village	
31	GENERAL	3m ³	Village	
31	General	2 m ³	Village	
June 01	General	3 m ³	Village	
02	General	2 m ³	Village	
02	General	2 m ³	Village	
03	General	2 m ³	Village	
03	General	3 m ³	Village	
03	General	3 m ³	Village	
04	General	3 m ³	Village	
04	General	2 m ³	Village	
05	General	3 m ³	Village	
05	General	3 m ³	Village	

Appendix 2: Landfill Logbook

Landfill Logbook

Date	Waste Type	Estimated Waste Volume (m ³)	Waste Origin / Comments
7/6	Household	3m	Household
7/6	Kitchen	3m	Kitchen
8/6	General	3m	Kitchen
9/6	General	3m ³	Kitchen
9/6	General	3m ³	Kitchen
10/6	General	3m ³	Kitchen
10/6	General	2m ³	Kitchen
11/6	General	3m ³	Kitchen
12/6	General	3m ³	Kitchen
14-6	GEN	2m ³	Village
14-6	GEN	3m ³	Kitchen
16-6	GEN	3m ³	Village
16-6	GEN	3m ³	Kitchen
24/6	GENERAL	3m ³	VILLAGE
24/6	GENERAL	3m ³	VILLAGE
24/6	GENERAL	2m ³	VILLAGE
25/6	GENERAL	3m ³	VILLAGE
28/6	GENERAL	3m ³	VILLAGE
28/6	GENERAL	3m ³	VILLAGE
28/6	GENERAL	3m ³	VILLAGE
29/6	GENERAL	3m ³	VILLAGE
1/7	General	3m ³	Village

Appendix 2: Landfill Logbook

Landfill Logbook

Date	Waste Type	Estimated Waste Volume (m ³)	Waste Origin / Comments
1/7	General	3m ³	Village
1/7	General	3m ³	Village
1/7	General	3m ³	Village
2/7	General	3m ³	Kitchen
2/7	General	3m ³	Village
3/7	General	2m ²	Village
3/7	General	2m ²	Village
14/7	General	3m ³	Kitchen
14/7	General	3m ³	Kitchen
15/7	General	3m ³	VILLAGE
15/7	General	3m ³	VILLAGE
15/7	General	3m ³	VILLAGE
16/7	General	3m ³	VILLAGE
16/7	General	2m ³	VILLAGE
01/08	General	3m ³	VILLAGE
01/08	General	3m ³	VILLAGE
01/08	General	3m ³	VILLAGE
01/08	General	2m ²	VILLAGE
02/08	General	2m ²	VILLAGE
02/08	General	1m ¹	VILLAGE
08/08	General	2m ¹	Village
08/08	General	2m ¹	Village

11 Appendix D - Nullagine TSF Groundwater License Exceedances

Bore ID	Dec-24	Jan-25	Feb-25	May-25	Aug-25
M02	4.9	4.43	4.51	3.55	5
11SDMW08			5.26*		4.09

Groundwater standing water level (mBTC) exceedances of the 5mBGL limit.

*11SDMW08 has been included as AIM are currently reporting mBTC and if a standard casing height is removed (0.3-0.5m) the well will breach the 5 mBGL limit.

		Antimony
		mg/L
	EQL	0.001
	Triggers	0.024
	Trigger Limit	0.03
TSF2MB4D	20/08/2025	0.068

Groundwater Chemistry limit exceedances TSF2 Immediate Vicinity Bores.

		Sulphate (Filtered)	Chloride	Manganese	Nickel	Selenium	Strontium
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL		1	1	0.001	0.001	0.01	0.001
Triggers		2400	1200	12.8	0.4	0.08	3.2
Trigger Limit		3000	1500	16	0.5	0.1	4
GEWB0026	18/08/2025			13	0.61		
KCB41	28/09/2024					0.11	
TDMB1D	28/09/2024				0.55		
TDMB1D	18/08/2025				0.47		
TSFB001	20/08/2025	8100	6600				5.4

Groundwater Chemistry limit exceedances General Sitewide Bores.

12 Appendix E – Groundwater Chemistry Results

		Lab			
		pH (Lab)	Electrical conductivity * (lab)	TSS	TDS
		pH Units	uS/cm	mg/L	mg/L
EQL		0.01	1	5	10
Triggers					
Trigger Limit					
BCM01	25/08/2025	8.2	6600	12	5400
BCM02	25/08/2025	7.8	1400	12	960
BCMB03	22/08/2025	7.4	1800	45	1300
BCMB04	22/08/2025	7.7	2900	<5	2200
BCMB05	23/08/2025	5.7	1400	5.5	1100
BEMB02	18/08/2025	7.5	11000	<5	8300
BUMB01D	24/08/2025	7.2	220	41	120
BUMB01S	24/08/2025	7.6	3000	77	1800
DS04B	22/08/2025	6.8	3900	72	3100
GEWB0002	17/08/2025	7	2300	7.5	1400
GEWB0006	17/08/2025	7	430	30	280
GEWB0021	17/08/2025	7.2	1900	8.5	1200
GEWB0023	17/08/2025	7.4	1800	8	1000
GEWB0026	18/08/2025	6.3	2900	5	1500
GEWB007	18/08/2025	7.2	280	23	190
KCB10	28/09/2024	7.7	1,300	120	620
KCB41	28/09/2024	7.6	4,100	9	3,100
M02	25/08/2025	8.3	2100	20	1200
M03	20/08/2025	7.8	620	30	390
M04	20/08/2025	7.8	2500	10	1800
M16	20/08/2025	7.1	380	28	250
MMB01	24/08/2025	8.4	11000	6.5	7300
NRB03	23/08/2025	5.9	510	<5	340
NRB06	21/08/2025	6.4	2800	24	2400
NRB08	23/08/2025	4.9	2400	5.5	2000
NRB09	21/08/2025	6.9	17000	22	16000
NRB13	25/08/2025	3.6	5400	36	6000
RBMB01D	24/08/2025	8	1400	120	760
RBMB01S	24/08/2025	7.4	1700	240	960
TDMB1D	28/09/2024	7.3	4,600	180	2,700
TDMB1D	18/08/2025	7.4	4500	190	3000
TDMB2D	28/09/2024	7.3	1,500	32	930
TDMB2D	18/08/2025	7.7	1200	10	750
TDMB3D	28/09/2024	7.5	1,800	12	1,100
TDMB3D	18/08/2025	7.6	1700	<5	1000
TDMB4D	28/09/2024	7.8	2,000	100	1,100
TDMB4D	18/08/2025	8	1900	<5	1100
TDMB5D	28/09/2024	8.4	3,500	80	2,100
TDMB5D	18/08/2025	8.7	3400	6.5	2100
TDMB6D	28/09/2024	7.6	3,000	180	2,000
TDMB6D	20/08/2025	7.9	2900	390	1700
TSFB001	20/08/2025	7.6	30000	58	23000
TSFB005	20/08/2025	7.5	32000	7.5	24000
WRDMB01	21/08/2025	6.9	3700	8	2600
WRDMB04	23/08/2025	5.7	1900	10	1600
WRDMB07	21/08/2025	6.9	7000	66	6400

General Site Bores – Laboratory Reading

		Ionic Balance											
		Anions Total	Cations Total	Ionic Balance	Silicon as SiO2 (Filtered)	Sulphate (Filtered)	Calcium (Filtered)	Magnesium (Filtered)	Potassium (Filtered)	Sodium (Filtered)	Chloride	Fluoride	Hardness as CaCO3 (Filtered)
		mg/L	mg/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL		0.01	0.01	0.01	0.1	1	1	1	1	1	1	0.1	1
Triggers						2400					1200		
Trigger Limit						3000					1500		
BCM01	25/08/2025	91	86	-3.7	20	2500	48	640	23	710	990	-	2700
BCM02	25/08/2025	16	16	-3.5	17	420	21	130	5.1	91	170	-	580
BCMB03	22/08/2025	20	20	-1.6	37	750	25	120	6.4	190	83	-	570
BCMB04	22/08/2025	35	34	-2.3	20	1100	110	220	20	2300	310	-	1200
BCMB05	23/08/2025	17	15	-5.3	14	700	10	130	7.9	88	77	-	570
BEMB02	18/08/2025	140	140	0	25	2300	28	290	8.2	2600	2600	-	1300
BUMB01D	24/08/2025	2	2	-5.6	4.3	22	9.1	8.2	1.7	18	21	-	56
BUMB01S	24/08/2025	33	33	-4.7	54	490	69	170	1.5	350	370	-	3
DS04B	22/08/2025	50	49	-2.6	43	1600	47	370	5.1	350	400	-	1700
GEWB0002	17/08/2025	24	27	0	38	500	40	130	10	330	260	-	620
GEWB0006	17/08/2025	3.9	4.4	0	38	24	16	10	1.5	62	52	-	83
GEWB0021	17/08/2025	20	21	0	42	140	33	71	4.4	310	220	-	370
GEWB0023	17/08/2025	18	20	0	53	80	41	72	4.7	280	210	-	400
GEWB0026	18/08/2025	42	41	0	46	1900	170	300	19	170	45	-	1700
GEWB007	18/08/2025	2.6	2.8	0	52	1.1	13	8.1	1.9	33	11	-	67
KCB10	28/09/2024	10	6.9	-0.6	26	25	14	21	16	93	87	-	120
KCB41	28/09/2024	55	55	-2.2	33	1600	49	370	15	490	630	-	1600
M02	25/08/2025	21	21	-4.4	54	130	56	80	4	270	330	-	470
M03	20/08/2025	5.7	6.6	1.6	49	24	16	19	1.8	95	69	-	120
M04	20/08/2025	24	25	-2.8	16	170	14	17	2.6	510	360	-	110
M16	20/08/2025	3.1	3.4	-2.3	47	11	7.5	11	1.6	49	26	-	62
MMB01	24/08/2025	140	130	-3.5	17	2300	21	370	4.2	2200	2800	-	1600
NRB03	23/08/2025	4.6	4.6	-1.9	25	98	3.1	30	1	43	62	-	130
NRB06	21/08/2025	36	34	-3.6	31	1400	140	230	20	190	170	-	1300
NRB08	23/08/2025	30	29	-1.4	17	1200	83	230	8.3	140	160	-	1100
NRB09	21/08/2025	240	240	-1.7	15	8000	340	1700	43	1800	2500	-	11000
NRB13	25/08/2025	93	76	-10	86	4200	86	780	14	150	210	-	3400
RBMB01D	24/08/2025	15	15	-4.3	18	100	20	110	2.1	120	110	-	500
RBMB01S	24/08/2025	19	19	-4.6	16	200	15	140	0.93	150	230	-	610
TDMB1D	28/09/2024	47	51	0.74	40	750	25	110	8.7	920	670	-	510
TDMB1D	18/08/2025	51	53	0	36	740	30	120	8.8	940	750	-	580
TDMB2D	28/09/2024	15	16	-3.5	50	150	32	44	1.8	240	170	-	260
TDMB2D	18/08/2025	11	13	0	47	78	21	29	1.5	220	92	-	170
TDMB3D	28/09/2024	17	17	-4.8	32	110	20	23	1.9	330	210	-	140
TDMB3D	18/08/2025	16	17	0	34	97	20	23	1.9	330	200	-	140
TDMB4D	28/09/2024	19	19	-5.3	19	170	14	26	1.6	360	260	-	140
TDMB4D	18/08/2025	18	19	0	20	150	13	23	1.6	380	260	-	130
TDMB5D	28/09/2024	33	37	2	16	200	1.7	5.5	0.72	850	450	-	27
TDMB5D	18/08/2025	35	37	0	17	190	2	5.1	0.77	830	500	-	26
TDMB6D	28/09/2024	29	32	1.5	15	280	21	44	6.5	630	370	-	230
TDMB6D	20/08/2025	30	31	0	14	280	26	39	6.8	610	390	-	230
TSFB001	20/08/2025	360	370	1	19	8100	240	1400	54	5600	6600	-	6300
TSFB005	20/08/2025	380	380	0.43	15	6800	190	1400	46	5900	8300	-	6200
WRDMB01	21/08/2025	39	40	-1.2	18	1000	45	260	14	350	450	-	1800
WRDMB04	23/08/2025	23	22	-3.2	13	960	15	210	6.9	94	110	-	890
WRDMB07	21/08/2025	99	96	-2.1	17	4100	240	770	17	450	420	-	4600

General Site Bores – Ionic Balance

		Nutrients					Alkalinity					Acrylamide	
		Nitrate (as N)	Nitrite + Nitrate as N	Nitrogen (Total Oxidised)	Nitrite (as N)	Ammonia as N	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Bicarbonate	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Carbonate	Acrylamide
		mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	
EQL		0.01	0.01	0.01	0.01	10	1000	1		1	1	1	0.2
Triggers		40											
Trigger Limit		50											
BCM01	25/08/2025	0.076	-	-	<0.005	<0.005	<5	630	-	630	<5	-	-
BCM02	25/08/2025	0.022	-	-	<0.005	0.021	<5	150	-	150	<5	-	-
BCMB03	22/08/2025	0.047	-	-	<0.005	0.12	<5	130	-	130	<5	-	<0.1
BCMB04	22/08/2025	0.66	-	-	<0.005	1.4	<5	250	-	250	<5	-	<0.1
BCMB05	23/08/2025	0.0074	-	-	<0.005	0.21	<5	16	-	16	<5	-	<0.1
BEMB02	18/08/2025	0.015	-	-	<0.005	8.6	<5	970	-	970	<5	-	-
BUMB01D	24/08/2025	0.13	-	-	<0.005	0.11	<5	57	-	57	<5	-	-
BUMB01S	24/08/2025	4.4	-	-	0.044	2.8	<5	770	-	770	<5	-	-
DS04B	22/08/2025	0.059	-	-	<0.005	0.26	<5	290	-	290	<5	-	<0.1
GEWB0002	17/08/2025	0.37	-	-	0.006	<0.005	<5	400	-	400	<5	-	<0.1
GEWB0006	17/08/2025	0.21	-	-	0.0065	0.68	<5	120	-	120	<5	-	<0.1
GEWB0021	17/08/2025	0.0065	-	-	<0.005	<0.005	<5	640	-	640	<5	-	<0.1
GEWB0023	17/08/2025	0.024	-	-	<0.005	<0.005	<5	610	-	6100	<5	-	<0.1
GEWB0026	18/08/2025	0.14	-	-	<0.005	0.049	<5	110	-	110	<5	-	<0.1
GEWB007	18/08/2025	0.0097	-	-	<0.005	0.17	<5	140	-	140	<5	-	-
KCB10	28/09/2024	1.7	-	-	<0.005	69	<5	450	-	450	<5	-	<0.0001
KCB41	28/09/2024	1.3	-	-	<0.005	<0.005	<5	390	-	390	<5	-	<0.0001
M02	25/08/2025	0.22	-	-	<0.005	<0.005	<5	570	-	570	<5	-	<0.1
M03	20/08/2025	0.8	-	-	<0.005	0.0051	<5	200	-	200	<5	-	<0.1
M04	20/08/2025	0.046	-	-	<0.005	0.07	<5	610	-	610	<5	-	<0.1
M16	20/08/2025	0.054	-	-	0.006	0.028	<5	130	-	130	<5	-	<0.1
MMB01	24/08/2025	0.62	-	-	<0.005	<0.005	<5	630	-	620	10	-	-
NRB03	23/08/2025	1.8	-	-	<0.005	0.12	<5	47	-	47	<5	-	<0.1
NRB06	21/08/2025	0.0085	-	-	<0.005	0.68	<5	190	-	190	<5	-	<0.1
NRB08	23/08/2025	0.22	-	-	<0.005	<0.005	<5	<5	-	<5	<5	-	<0.1
NRB09	21/08/2025	0.011	-	-	<0.005	0.17	<5	370	-	370	<5	-	-
NRB13	25/08/2025	<0.005	-	-	<0.005	0.15	<5	<5	-	<5	<5	-	-
RBMB01D	24/08/2025	0.35	-	-	<0.005	<0.005	<5	580	-	580	<5	-	-
RBMB01S	24/08/2025	0.44	-	-	<0.005	<0.005	<5	490	-	490	<5	-	-
TDMB1D	28/09/2024	<0.005	-	-	<0.005	0.02	<5	760	-	760	<5	-	<0.0001
TDMB1D	18/08/2025	0.2	-	-	<0.005	0.027	<5	860	-	860	<5	-	<0.1
TDMB2D	28/09/2024	1.8	-	-	<0.005	0.0097	<5	440	-	440	<5	-	<0.0001
TDMB2D	18/08/2025	1.9	-	-	<0.005	0.0061	<5	430	-	430	<5	-	<0.1
TDMB3D	28/09/2024	0.028	-	-	<0.005	0.013	<5	540	-	540	<5	-	<0.0001
TDMB3D	18/08/2025	0.13	-	-	<0.005	0.0069	<5	530	-	530	<5	-	<0.1
TDMB4D	28/09/2024	0.13	-	-	<0.005	0.013	<5	490	-	490	<5	-	<0.0001
TDMB4D	18/08/2025	0.3	-	-	0.0088	<0.005	<5	490	-	490	<5	-	<0.1
TDMB5D	28/09/2024	0.08	-	-	<0.005	0.0099	<5	950	-	940	14	-	<0.0001
TDMB5D	18/08/2025	0.12	-	-	<0.005	<0.005	<5	940	-	890	58	-	<0.1
TDMB6D	28/09/2024	0.035	-	-	<0.005	0.018	<5	760	-	760	<5	-	<0.0001
TDMB6D	20/08/2025	0.31	-	-	<0.005	<0.005	<5	790	-	790	<5	-	<0.1
TSFB001	20/08/2025	0.11	-	-	0.1	0.65	<5	440	-	440	<5	-	<0.1
TSFB005	20/08/2025	0.0067	-	-	<0.005	<0.005	<5	320	-	320	<5	-	<0.1
WRDMB01	21/08/2025	0.13	-	-	<0.005	0.43	<5	310	-	310	<5	-	-
WRDMB04	23/08/2025	0.016	-	-	<0.005	0.26	<5	19	-	19	<5	-	<0.1
WRDMB07	21/08/2025	0.012	-	-	<0.005	0.12	<5	120	-	120	<5	-	-

General Site Bores – Nutrients, Alkalinity and Acrylamide

		Dissolved Metals																								
		Chromium (Hexavalent) (Filtered)	Mercury (Filtered)	Aluminium (Filtered)	Antimony (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (III-VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Manganese (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Tin (Filtered)	Zinc (Filtered)	Strontium (Filtered)	Thorium (Filtered)	Titanium (Filtered)	Uranium (Filtered)	
		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	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	mg/L	ug/L	
EQL		0.001	0.0001	0.01	0.001	0.001	0.001	0.001	0.05	0.0001	0.001	0.001	0.05	0.001	0.001	0.001	0.001	0.01	0.001	0.005	0.001	0.005	0.001	1	0.01	1
Triggers		0.006		1.6									400	0.08						2.4						
Trigger Limit		0.008		2									500	0.1						3						
BCM01	25/08/2025	<0.001	<0.00005	0.011	<0.001	0.0011	0.024	<0.0005	0.42	<0.0001	<0.001	<0.001	0.0025	<0.01	<0.001	0.0023	<0.001	0.0013	<0.001	<0.001	0.018	0.7	<0.0005	<0.001	0.02	
BCM02	25/08/2025	<0.001	<0.00005	<0.01	<0.001	<0.001	0.02	<0.0005	0.14	<0.0001	<0.001	<0.001	0.0072	<0.01	<0.001	0.0029	<0.001	0.0017	<0.001	<0.001	0.022	0.2	<0.0005	<0.001	<0.001	
BCM03	22/08/2025	<0.001	<0.00005	<0.01	<0.001	<0.001	0.021	<0.0005	0.16	<0.0001	<0.001	<0.001	<0.001	<0.01	<0.001	0.0015	<0.001	0.0014	<0.001	<0.001	0.016	0.18	<0.0005	<0.001	<0.001	
BCM04	22/08/2025	<0.001	<0.00005	<0.01	0.0011	0.0062	0.061	<0.0005	0.53	<0.0001	<0.001	0.14	<0.001	<0.01	<0.001	0.67	0.0029	0.0098	<0.001	<0.001	0.0019	0.68	<0.0005	<0.001	0.0019	
BCM05	23/08/2025	<0.001	<0.00005	0.01	<0.001	0.0013	0.019	0.0012	1.6	<0.0001	<0.001	0.098	<0.001	28	<0.001	1.8	<0.001	0.15	<0.001	<0.001	0.074	0.03	<0.0005	<0.001	<0.001	
BEMB02	18/08/2025	<0.001	<0.00005	<0.01	0.0038	0.11	0.0079	<0.0005	0.12	<0.0001	<0.001	0.0022	<0.001	0.011	<0.001	0.036	0.029	0.019	0.0062	<0.001	<0.001	1.2	<0.0005	<0.001	0.018	
BUMB01D	24/08/2025	<0.001	<0.00005	<0.01	<0.001	<0.001	0.014	<0.0005	0.03	<0.0001	<0.001	<0.001	0.0048	0.092	<0.001	0.055	<0.001	0.003	<0.001	<0.001	0.032	0.048	<0.0005	<0.001	<0.001	
BUMB01S	24/08/2025	0.0014	<0.00005	<0.01	<0.001	0.0082	0.048	<0.0005	0.46	0.0022	0.0021	<0.001	0.001	<0.01	<0.001	0.001	0.0063	0.0013	0.0093	<0.001	0.012	0.72	<0.0005	<0.001	0.0054	
DS04B	22/08/2025	<0.001	<0.00005	<0.01	<0.001	0.003	0.023	<0.0005	0.73	<0.0001	<0.001	0.071	<0.001	0.043	<0.001	2	0.0041	0.087	<0.001	<0.001	0.029	0.45	<0.0005	<0.001	0.0033	
GEWB0002	17/08/2025	<0.001	<0.00005	<0.01	0.0041	0.15	0.043	<0.0005	0.33	<0.0001	<0.001	0.19	<0.001	<0.01	<0.001	0.13	0.025	0.023	0.0069	<0.001	0.0062	0.74	<0.0005	<0.001	0.0074	
GEWB0006	17/08/2025	<0.001	<0.00005	<0.01	0.0019	0.0097	0.0051	<0.0005	0.065	<0.0001	<0.001	0.0023	<0.001	0.014	<0.001	0.099	0.0069	0.0093	0.0012	<0.001	0.0047	0.099	<0.0005	<0.001	<0.001	
GEWB0021	17/08/2025	<0.001	<0.00005	<0.01	0.002	0.54	0.082	<0.0005	0.37	<0.0001	<0.001	0.0054	0.0023	0.028	<0.001	0.057	0.037	0.026	<0.001	<0.001	0.011	0.42	<0.0005	<0.001	0.019	
GEWB0023	17/08/2025	<0.001	<0.00005	<0.01	<0.001	0.74	0.011	<0.0005	0.37	<0.0001	<0.001	<0.001	<0.001	<0.01	<0.001	0.017	0.034	0.0025	0.0044	<0.001	0.0048	0.44	<0.0005	<0.001	0.023	
GEWB0026	18/08/2025	<0.001	<0.00005	<0.01	<0.001	0.0033	0.034	0.00089	0.19	<0.0001	<0.001	0.19	<0.001	19	<0.001	14	0.022	0.59	<0.001	<0.001	0.068	0.86	<0.0005	<0.001	0.0016	
GEWB007	18/08/2025	<0.001	<0.00005	<0.01	<0.001	0.0052	0.023	<0.0005	0.054	<0.0001	<0.001	0.0011	<0.001	0.1	<0.001	0.2	0.0033	0.0018	<0.001	<0.001	0.012	0.091	<0.0005	<0.001	<0.001	
KCB10	28/09/2024	<0.001	<0.00005	0.024	<0.001	0.18	0.025	<0.0005	0.11	<0.0001	0.0022	<0.001	<0.001	0.14	<0.001	0.42	<0.001	0.0043	<0.001	<0.001	0.005	0.12	<0.0005	0.003	<0.001	
KCB41	28/09/2024	0.0024	<0.00005	<0.01	0.0038	0.53	0.014	<0.0005	0.36	<0.0001	0.0026	<0.001	<0.001	<0.01	<0.001	0.0025	0.013	0.0085	0.0096	<0.001	0.0032	1.1	<0.0005	<0.001	0.0059	
M02	25/08/2025	<0.001	<0.00005	<0.01	<0.001	0.0076	0.12	<0.0005	0.38	<0.0001	0.0012	<0.001	0.0012	0.016	<0.001	<0.001	0.026	0.0015	<0.001	<0.001	0.086	0.41	<0.0005	<0.001	0.011	
M03	20/08/2025	<0.001	<0.00005	<0.01	<0.001	0.019	0.0049	<0.0005	0.13	<0.0001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	0.0084	<0.001	0.0022	<0.001	0.0035	0.1	<0.0005	<0.001	0.001	
M04	20/08/2025	<0.001	<0.00005	<0.01	0.0038	0.22	0.048	<0.0005	0.67	<0.0001	<0.001	<0.001	<0.001	<0.01	<0.001	0.11	0.091	<0.001	<0.001	<0.001	0.0063	0.12	<0.0005	<0.001	0.0062	
M16	20/08/2025	<0.001	<0.00005	<0.01	<0.001	<0.001	0.0035	<0.0005	0.083	<0.0001	<0.001	<0.001	0.0018	<0.01	<0.001	0.0034	0.0034	<0.001	<0.001	<0.001	0.0036	0.06	<0.0005	<0.001	<0.001	
MMB01	24/08/2025	<0.001	<0.00005	0.021	<0.001	0.025	0.012	<0.0005	1.5	<0.0001	<0.001	0.0011	<0.001	0.018	<0.001	0.029	0.0068	0.0021	0.0013	<0.001	0.0035	0.84	<0.0005	<0.001	0.012	
NRB03	23/08/2025	0.0015	<0.00005	0.015	<0.001	<0.001	0.029	0.0006	0.16	0.0002	0.0016	0.0045	0.019	<0.01	<0.001	0.0089	<0.001	0.057	0.0026	<0.001	0.063	0.047	<0.0005	<0.001	0.002	
NRB06	21/08/2025	<0.001	<0.00005	<0.01	<0.001	0.013	0.022	<0.0005	0.3	<0.0001	<0.001	0.037	<0.001	43	<0.001	19	<0.001	0.048	<0.001	<0.001	0.017	0.44	<0.0005	<0.001	<0.001	
NRB08	23/08/2025	0.003	<0.00005	0.8	<0.001	<0.001	0.014	0.0033	0.15	0.0006	0.01	0.24	0.045	0.015	<0.001	0.47	<0.001	0.91	<0.001	<0.001	0.2	0.42	<0.0005	<0.001	0.0063	
NRB09	21/08/2025	<0.001	<0.00005	<0.01	<0.001	<0.001	0.015	<0.0005	4.1	<0.0001	<0.001	0.0023	<0.001	0.076	<0.001	0.36	<0.001	0.0061	<0.001	<0.001	0.013	3.8	<0.0005	<0.001	0.0013	
NRB13	25/08/2025	<0.001	<0.00005	74	<0.001	0.0047	0.01	0.026	0.27	0.02	0.014	3.1	0.6	0.93	0.0077	11	<0.001	10	<0.001	<0.001	4.5	0.36	0.0035	<0.001	0.22	
RBMB01D	24/08/2025	0.0016	<0.00005	0.015	0.0021	0.0099	0.048	<0.0005	0.32	<0.0001	0.002	<0.001	0.0018	<0.01	<0.001	0.0037	0.0083	0.0014	<0.001	<0.001	0.053	0.29	<0.0005	<0.001	0.0051	
RBMB01S	24/08/2025	<0.001	<0.00005	<0.01	<0.001	0.0016	0.006	<0.0005	0.33	<0.0001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	0.0049	<0.001	0.0014	<0.001	0.025	0.3	<0.0005	<0.001	0.0049	
TDMB1D	28/09/2024	<0.001	<0.00005	<0.01	0.0081	0.66	0.032	<0.0005	0.38	0.00048	<0.001	0.61	0.023	<0.01	<0.001	0.12	0.1	0.48	<0.001	<0.001	0.065	0.64	<0.0005	<0.001	0.0091	
TDMB1D	18/08/2025	<0.001	<0.00005	<0.01	0.0059	0.49	0.038	<0.0005	0.59	0.00038	<0.001	0.48	0.019	<0.01	<0.001	0.15	0.11	0.35	<0.001	<0.001	0.043	0.59	<0.0005	<0.001	0.0097	
TDMB2D	28/09/2024	<0.001	<0.00005	<0.01	<0.001	0.051	0.051	<0.0005	0.25	<0.0001	<0.001	0.01	0.001	<0.01	<0.001	<0.001	0.027	<0.001	0.0032	<0.001	0.001	0.33	<0.0005	<0.001	0.0081	
TDMB2D	18/08/2025	<0.001	<0.00005	<0.01	<0.001	0.048	0.04	<0.0005	0.29	<0.0001	<0.001	0.0029	<0.001	<0.01	<0.001	0.0056	0.043	0.0021	0.0011	<0.001	0.0058	0.19	<0.0005	<0.001	0.0078	
TDMB3D	28/09/2024	<0.001	<0.00005	<0.01	<0.001	0.0033	0.029	<0.0005	0.35	<0.0001	<0.001	0.0067	<0.001	<0.01	<0.001	0.053	0.069	0.0016	<0.001	<0.001	0.0011	0.17	<0.0005	<0.001	0.003	
TDMB3D	18/08/2025	<0.001	<0.00005	<0.01	<0.001	0.0036	0.028	<0.0005																		

		Acid Extractable Metals (Total metals)																						
		Mercury	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Manganese	Molybdenum	Nickel	Selenium	Tin	Zinc	Strontium	Thorium	Titanium	Uranium
		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	mg/L	mg/L	mg/L	mg/L	µg/L	mg/L	ug/L
EQL		0.0001	0.01	0.001	0.001	0.001	0.001	0.05	0.0001	0.001	0.001	0.001	0.05	0.001	0.001	0.001	0.001	0.01	0.001	0.005	0.001	1	0.01	1
Triggers		0.008		0.024	4	4	0.5	4				1.6			12.8	0.04	0.4	0.08			3.2			
Trigger Limit		0.01		0.03	5	5	0.6	5			2				16	0.5	0.5	0.1			4			
BCM01	25/08/2025	<0.00005	0.084	<0.001	0.0014	0.024	<0.0005	0.44	<0.0001	<0.001	<0.001	0.0017	0.19	<0.001	0.027	<0.001	0.0017	<0.001	<0.001	0.018	0.83	<0.0005	<0.001	0.022
BCM02	25/08/2025	<0.00005	0.03	<0.001	<0.001	0.019	<0.0005	0.12	<0.0001	<0.001	<0.001	0.011	0.099	<0.001	0.003	<0.001	0.0015	<0.001	<0.001	0.038	0.23	<0.0005	<0.001	<0.0001
BCM03	22/08/2025	<0.00005	0.079	<0.001	0.0019	0.023	<0.0005	0.18	<0.0001	0.001	0.003	0.0027	0.97	<0.001	0.12	<0.001	0.0068	<0.001	<0.001	0.04	0.18	<0.0005	0.0016	<0.0001
BCM04	22/08/2025	<0.00005	0.02	0.0011	0.0056	0.06	<0.0005	0.62	<0.0001	<0.001	0.12	<0.001	0.088	<0.001	0.64	0.0027	0.0089	<0.001	<0.001	0.0048	0.69	<0.0005	<0.001	0.0021
BCM05	23/08/2025	<0.00005	0.16	<0.001	0.0028	0.021	0.0013	0.16	<0.0001	0.002	0.11	0.0014	30	0.0011	1.9	<0.001	0.17	<0.001	<0.001	0.16	0.032	<0.0005	0.0022	<0.0001
BEMB02	18/08/2025	<0.00005	0.036	0.019	0.23	0.013	<0.0005	1.4	<0.0001	0.002	0.0019	0.0016	0.35	<0.001	0.033	0.032	0.027	0.0059	<0.001	0.0064	1.4	0.00082	<0.001	0.019
BUMB01D	24/08/2025	0.000058	0.47	<0.001	0.0028	0.018	<0.0005	0.022	<0.0001	0.0085	0.0021	0.0083	4.5	<0.001	0.17	0.0011	0.0089	<0.001	<0.001	0.045	0.059	<0.0005	0.005	<0.0001
BUMB01S	24/08/2025	0.0013	2	<0.001	0.01	0.053	<0.0005	0.38	0.00043	0.024	0.0061	0.0084	3.74	0.0018	0.17	0.0063	0.021	0.0092	<0.001	0.026	0.79	<0.0005	0.01	0.0057
DS04B	22/08/2025	<0.00005	0.026	<0.001	0.08	0.026	<0.0005	0.91	<0.0001	<0.001	0.067	<0.001	13	<0.001	2.1	0.0042	0.079	<0.001	<0.001	0.014	0.47	<0.0005	<0.001	0.0022
GEWB0002	17/08/2025	<0.00005	0.097	0.0087	0.26	0.043	<0.0005	0.35	<0.0001	0.0012	0.2	0.0046	0.9	0.003	0.63	0.026	0.051	0.0076	<0.001	0.0073	0.76	<0.0005	0.0015	0.0077
GEWB0006	17/08/2025	<0.00005	0.41	0.003	0.016	0.0065	<0.0005	0.078	0.00015	0.0033	0.0028	0.0024	1	0.0027	0.098	0.0069	0.012	0.0025	<0.001	0.12	0.098	<0.0005	0.0078	0.0012
GEWB0021	17/08/2025	<0.00005	0.17	0.0019	0.53	0.073	<0.0005	0.36	<0.0001	0.0028	0.0079	0.0055	0.86	<0.001	0.088	0.037	0.024	<0.001	<0.001	0.013	0.43	<0.0005	0.0021	0.019
GEWB0023	17/08/2025	0.00027	0.016	<0.001	1.5	0.011	<0.0005	0.37	<0.0001	0.0012	0.0016	0.0033	2.7	0.0012	0.053	0.035	0.0039	0.0061	<0.001	0.0065	0.46	<0.0005	<0.001	0.023
GEWB0026	18/08/2025	<0.00005	0.053	<0.001	0.0062	0.037	0.001	0.29	0.00048	<0.001	0.19	0.0014	19	<0.001	13	0.023	0.61	<0.001	<0.001	0.13	0.94	<0.0005	<0.001	0.0021
GEWB007	18/08/2025	<0.00005	0.33	<0.001	0.007	0.026	<0.0005	0.047	<0.0001	0.0035	0.0018	<0.0012	1.2	<0.001	0.25	0.0031	0.0042	<0.001	<0.001	0.025	0.1	<0.0005	0.0055	<0.001
KCB10	28/09/2024	<0.00005	0.5	0.0014	0.19	0.032	<0.0005	0.13	<0.0001	0.0099	0.0025	0.0068	1.6	0.001	0.41	0.0024	0.01	<0.001	<0.001	0.038	0.1	<0.0005	0.01	<0.001
KCB41	28/09/2024	<0.00005	0.041	0.007	0.55	0.016	<0.0005	0.43	<0.0001	0.0058	0.0079	0.0027	0.18	<0.001	0.17	0.013	0.028	0.11	<0.001	0.0099	1	0.00092	0.0011	0.0062
M02	25/08/2025	<0.00005	0.52	0.001	0.0086	0.12	<0.0005	0.43	0.00011	0.0073	0.0011	0.0042	0.85	<0.001	0.074	0.027	0.0064	<0.001	<0.001	0.19	0.48	<0.0005	0.011	0.012
M03	20/08/2025	<0.00005	0.11	<0.001	0.02	0.0055	<0.0005	0.14	<0.0001	0.0019	<0.001	0.0019	0.2	<0.001	0.0053	0.0085	0.0017	0.0022	<0.001	0.0059	0.11	<0.0005	0.0012	0.0011
M04	20/08/2025	<0.00005	1	0.0055	0.24	0.054	<0.0005	0.65	<0.0001	0.0097	0.0021	0.0078	1.6	<0.001	0.15	0.093	0.0079	<0.001	<0.001	0.019	0.13	<0.0005	0.01	0.0065
M16	20/08/2025	<0.00005	0.16	<0.001	0.001	0.0051	<0.0005	0.086	<0.0001	0.0018	<0.001	0.0068	0.33	<0.001	0.05	0.0034	0.0017	<0.001	<0.001	0.011	0.063	<0.0005	0.0025	<0.0001
MMB01	24/08/2025	<0.00005	0.084	<0.001	0.029	0.0095	<0.0005	1.2	<0.0001	<0.001	0.0019	0.0012	0.39	<0.001	0.055	0.0072	0.0024	0.001	<0.001	0.0086	0.93	0.00094	0.0011	0.013
NRB03	23/08/2025	0.00022	0.2	<0.001	0.0012	0.031	0.0008	0.19	0.00019	0.0031	0.014	0.028	0.37	<0.001	0.043	<0.001	0.065	0.0026	<0.001	0.062	0.049	<0.0005	0.0023	0.0028
NRB06	21/08/2025	<0.00005	0.038	<0.001	0.034	0.026	<0.0005	0.32	<0.0001	<0.001	0.058	<0.001	36	<0.001	21	<0.001	0.076	<0.001	<0.001	0.028	0.44	<0.0005	<0.001	<0.0001
NRB08	23/08/2025	0.000095	0.8	<0.001	<0.001	0.014	0.003	0.16	0.00059	0.0065	0.22	0.042	1	<0.001	0.5	<0.001	0.88	<0.001	<0.001	0.17	0.46	<0.0005	<0.001	0.0075
NRB09	21/08/2025	<0.00005	0.077	<0.001	0.0041	0.016	<0.0005	3.9	<0.0001	0.0011	0.0025	0.001	9.1	<0.001	0.38	<0.001	0.0076	<0.001	<0.001	0.021	4	<0.0005	0.001	0.0015
NRB13	25/08/2025	0.0008	75	<0.001	0.03	0.017	0.024	0.22	0.021	0.019	3	0.61	13	0.0097	12	0.0011	10	<0.001	<0.001	4.6	0.42	0.0062	0.0048	0.25
RBMB01D	24/08/2025	<0.00005	0.39	0.0024	0.012	0.051	<0.0005	0.3	<0.0001	0.0068	<0.001	0.0054	0.76	<0.001	0.038	0.0087	0.0052	<0.001	<0.001	0.057	0.3	<0.0005	0.0045	0.0056
RBMB01S	24/08/2025	<0.00005	7.1	0.0013	0.017	0.034	<0.0005	0.32	0.00014	0.073	0.014	0.023	14	0.0045	0.24	0.0035	0.064	0.0015	<0.001	0.083	0.32	0.0014	0.033	0.0058
TDMB1D	28/09/2024	<0.00005	2.1	0.0087	0.63	0.042	<0.0005	0.36	0.00075	0.03	0.62	0.15	4.7	0.0043	0.17	0.098	0.55	0.0011	0.0019	0.061	0.51	0.0016	0.021	0.01
TDMB1D	18/08/2025	<0.00005	4.2	0.0062	0.51	0.042	<0.0005	0.61	0.00042	0.052	0.59	0.19	8.9	0.0048	0.45	0.1	0.47	<0.001	<0.001	0.08	0.61	0.0016	0.033	0.01
TDMB2D	28/09/2024	<0.00005	0.85	<0.001	0.052	0.055	<0.0005	0.27	<0.0001	0.0083	0.013	0.0025	1.6	<0.001	0.036	0.027	0.0061	0.0034	<0.001	0.0044	0.29	<0.0005	0.0077	0.0083
TDMB2D	18/08/2025	<0.00005	0.23	<0.001	0.048	0.039	<0.0005	0.28	<0.0001	0.0028	0.0034	0.0017	0.43	<0.001	0.015	0.044	0.0044	0.0011	<0.001	0.0095	0.2	<0.0005	0.0041	0.0082
TDMB3D	28/09/2024	<0.00005	0.3	<0.001	0.0035	0.029	<0.0005	0.37	<0.0001	0.0047	0.0086	0.0021	0.68	<0.001	0.13	0.071	0.0058	<0.001	<0.001	0.0045	0.15	<0.0005	0.002	0.0031
TDMB3D	18/08/2025	<0.00005	0.063	<0.001	0.0036	0.026	<0.0005	0.39	<0.0001	<0.001	0.006	<0.001	0.12	<0.001	0.0091	0.068	<0.001	<0.001	<0.001	0.0044	0.16	<0.0005	<0.001	0.0031
TDMB4D	28/09/2024	<0.00005	2.1	0.001	0.0058	0.059	<0.0005	0.49	<0.0001	0.024	0.07	0.0065	4.6	0.0012	0.18	0.13	0.022	0.0017	<0.001	0.01	0.31	0.0012	0.011	0.41
TDMB4D	18/08/2025	<0.00005	0.11	<0.001	0.0085	0.049	<0.0005	0.5	<0.0001	0.012	0.075	0.002	0.17	<0.001	0.0052	0.14	0.0016	0.0029	<0.001	0.0093	0.3	<0.0005	0.0015	0.18

		Hydrocarbons																					
		C6 - C9	C6-C10	F1 minus BTEX (C6-C10)	Methyl tert butyl ether (MTBE)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Naphthalene	C10 - C14	C15 - C28	C29-C36	ΣC10 - C36 (Sum of total)	ΣC10 - C16 Fraction	ΣC10 - C16 Fraction	ΣC10 - C16 Fraction	ΣC10 - C16 Fraction	Total BTEX	TRH (sum)	
		µg/L	mg/L	mg/L		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL		20	0.02	0.02		1	2	2	2	2		5	50	100	50	50	100						
Triggers																							5
Trigger Limit																							
BCM01	25/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<1	-
BCM02	25/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<1	-
BCMB03	22/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCMB04	22/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCMB05	23/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEMB02	18/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<0.001	-
BUMB01D	24/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<1	-
BUMB01S	24/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<1	-
DS04B	22/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEWB0002	17/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<0.001	-
GEWB0006	17/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<0.001	-
GEWB0021	17/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<0.001	-
GEWB0023	17/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<0.001	-
GEWB0026	18/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<0.001	-
GEWB007	18/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<0.001	-
KCB10	28/09/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB41	28/09/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M02	25/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<1	-
M03	20/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<0.001	-
M04	20/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	110	<100	110	<50	<50	<100	<100	110	<0.001	-
M16	20/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<0.001	-
MMB01	24/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<1	-
NRB03	23/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NRB06	21/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NRB08	23/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NRB09	21/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NRB13	25/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<1	-
RBMB01D	24/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<1	-
RBMB01S	24/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<1	-
TDMB1D	28/09/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TDMB1D	18/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TDMB2D	28/09/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TDMB2D	18/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TDMB3D	28/09/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TDMB3D	18/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TDMB4D	28/09/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TDMB4D	18/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TDMB5D	28/09/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TDMB5D	18/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TDMB6D	28/09/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TDMB6D	20/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TSFB001	20/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TSFB005	20/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WRDMB01	21/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WRDMB04	23/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WRDMB07	21/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<0.001	-

General Site Bores – Hydrocarbons

		Cyanide		
		Total Cyanide	Cyanide (Free)	Weak Acid Dissociable Cyanide
			mg/L	mg/L
EQL			0.004	0.004
Triggers			0.6	
Trigger Limit			0.8	
BCM01	25/08/2025	<0.004	<0.004	<0.004
BCM02	25/08/2025	<0.004	<0.004	<0.004
BCMB03	22/08/2025	<0.004	<0.004	<0.004
BCMB04	22/08/2025	0.019	<0.004	<0.004
BCMB05	23/08/2025	<0.004	<0.004	<0.004
BEMB02	18/08/2025	<0.004	<0.004	<0.004
BUMB01D	24/08/2025	<0.004	<0.004	<0.004
BUMB01S	24/08/2025	<0.004	<0.004	<0.004
DS04B	22/08/2025	<0.004	<0.004	<0.004
GEWB0002	17/08/2025	<0.02	<0.02	<0.02
GEWB0006	17/08/2025	<0.004	<0.004	<0.004
GEWB0021	17/08/2025	<0.004	<0.004	<0.004
GEWB0023	17/08/2025	<0.004	<0.004	<0.004
GEWB0026	18/08/2025	<0.004	<0.004	<0.004
GEWB007	18/08/2025	<0.004	<0.004	<0.004
KCB10	28/09/2024		<0.004	<0.004
KCB41	28/09/2024		<0.004	<0.004
M02	25/08/2025	<0.004	<0.004	<0.004
M03	20/08/2025	<0.004	<0.004	<0.004
M04	20/08/2025	<0.004	<0.004	<0.004
M16	20/08/2025	<0.004	<0.004	<0.004
MMB01	24/08/2025	<0.004	<0.004	<0.004
NRB03	23/08/2025	<0.004	<0.004	<0.004
NRB06	21/08/2025	<0.004	<0.004	<0.004
NRB08	23/08/2025	<0.004	<0.004	<0.004
NRB09	21/08/2025	<0.004	<0.004	<0.004
NRB13	25/08/2025	<0.004	<0.004	<0.004
RBMB01D	24/08/2025	<0.004	<0.004	<0.004
RBMB01S	24/08/2025	<0.004	<0.004	<0.004
TDMB1D	28/09/2024		<0.004	<0.004
TDMB1D	18/08/2025	0.096	<0.004	<0.004
TDMB2D	28/09/2024		<0.004	<0.004
TDMB2D	18/08/2025	<0.004	<0.004	<0.004
TDMB3D	28/09/2024		<0.004	<0.004
TDMB3D	18/08/2025	<0.004	<0.004	<0.004
TDMB4D	28/09/2024		<0.004	<0.004
TDMB4D	18/08/2025	0.039	<0.004	<0.004
TDMB5D	28/09/2024		<0.004	<0.004
TDMB5D	18/08/2025	<0.004	<0.004	<0.004
TDMB6D	28/09/2024		<0.004	<0.004
TDMB6D	20/08/2025	<0.004	<0.004	<0.004
TSFB001	20/08/2025	0.0046	<0.004	<0.004
TSFB005	20/08/2025	<0.004	<0.004	<0.004
WRDMB01	21/08/2025	<0.004	<0.004	<0.004
WRDMB04	23/08/2025	<0.004	<0.004	<0.004
WRDMB07	21/08/2025	<0.004	<0.004	<0.004

General Site Bores – Cyanide

		General															
		pH (Lab)	Electrical conductivity *(lab)	TSS	TDS	Anions Total	Cations Total	Ionic Balance	Silicon as SiO2 (Filtered)	Sulphate (Filtered)	Calcium (Filtered)	Magnesium (Filtered)	Potassium (Filtered)	Sodium (Filtered)	Chloride	Flouride	Hardness as CaCO3 (Filtered)
		pH_Units	uS/cm	mg/L	mg/L	meq/L	meq/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		mg/L
EQL		0.01	1	5	10	0.01	0.01	0.01	0.1	1	1	1	1	1	1		1
Triggers										11025							6714
Trigger Limit										13769							8299
KCB07F	28/09/2024	7.3	24,000	22	12,000	330	360	4	19	-	320	1900	36	4300	5400	-	8500
M17	21/08/2025	6.8	21000	5000	17000	280	280	-0.98	17	7300	160	840	840	4600	4400	-	3900

TSF2 Distance Bores – General Chemistry

		Nutrients					Alkalinity by PC Titrator						Acrylamide
		Nitrate (as N)	Nitrite + Nitrate as N	Nitrogen (Total Oxidised)	Nitrite (as N)	Ammonia as N	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Bicarbonate	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Carbonate	Acrylamide
		mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L
EQL		0.01	0.01	0.01	0.01	10	1000	1	1	1	1	1	0.2
Triggers		40											
Trigger Limit		50											
KCB07F	28/09/2024	0.11	-	-	<0.005	0.26	<5	340	-	340	<5	-	<0.0001
M17	21/08/2025	0.034	-	-	<0.005	0.13	<5	280	-	280	<5	-	<0.1

TSF2 Distance Bores – Nutrients and Alkalinity

		Dissolved Metals																								
	KCB7F M17 TSF2MB15	Chromium (hexavalent) (Filtered)	Mercury (Filtered)	Aluminium (Filtered)	Antimony (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Manganese (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Tin (Filtered)	Zinc (Filtered)	Strontium (Filtered)	Thorium (Filtered)	Titanium (Filtered)	Uranium (Filtered)	
		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	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	mg/L	µg/L	
EQL		0.001	0.0001	0.01	0.001	0.001	0.001	0.001	0.05	0.0001	0.001	0.001	0.001	0.05	0.001	0.001	0.001	0.001	0.01	0.001	0.001	0.005	0.001	1	0.01	1
Triggers		0.006		1.6										400	0.08							2.4				
Trigger Limit		0.008		2										500	0.1							3				
KCB07F	28/09/2024	<0.001	<0.00005	<0.02	<0.002	0.0036	0.023	<0.001	1.2	<0.0002	<0.002	0.011	<0.002	2.9	<0.002	7.2	0.011	0.023	<0.002	<0.002	<0.002	6.4	<0.001	<0.002	0.0045	
M17	21/08/2025	<0.001	<0.00005	<0.01	<0.001	<0.001	0.02	<0.0005	1.1	0.0019	<0.001	0.014	<0.001	0.61	<0.001	4.5	0.0019	0.012	<0.001	<0.001	0.006	1.8	<0.0005	<0.001	0.0032	

TSF2 Distance Bores – Dissolved Metals

		Total Metals																									
	KCB7F M17 TSF2MB15	Mercury	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Manganese	Molybdenum	Nickel	Selenium	Tin	Zinc	Strontium	Thorium	Titanium	Uranium	Thallium	Vanadium	Bismuth
		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	mg/L	mg/L	mg/L	mg/L	µg/L	mg/L	µg/L	mg/L	mg/L	mg/L
EQL		0.0001	0.01	0.001	0.001	0.001	0.001	0.05	0.0001	0.001	0.001	0.001	0.05	0.001	0.001	0.001	0.001	0.01	0.001	0.005	0.001	1	0.01	1	0.001	0.01	0.001
Triggers		0.008		0.024	4	4	0.5	4		1.6					12.8	0.04	1.4	0.08			8.7						
Trigger Limit		0.01		0.03	5	5	0.6	5		2					16	0.5	2.2	0.1			21.1						
KCB07F	28/09/2024	<0.00005	0.043	<0.002	0.0045	0.023	<0.001	1.4	<0.0002	<0.002	0.014	<0.002	3.2	<0.002	7.1	0.011	0.034	<0.002	0.006	0.0049	5.9	<0.001	<0.002	0.0042	-	-	-
M17	21/08/2025	<0.00005	58	0.0017	0.01	0.12	0.0005	1.1	0.0024	0.66	0.086	0.11	85	0.01	5.1	0.003	0.53	<0.001	<0.001	0.19	1.8	0.0053	0.071	0.0041	-	-	-

TSF2 Distance Bores – Total Metals

		Hydrocarbons																						
	KCB7F M17 TSF2MB15	C6 - C9	C6-C10	F1 minus BTEX (C6-C10)	Methyl tert butyl ether (MTBE)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Naphthalene	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	>C10 - C16 Fraction	F2-Naphth (C10-C16)	>C16 - C34 Fraction	>C34 - C40 Fraction	C10 - C40 (Sum of total)	Total BTEX	TRH Sum	
		µg/L	mg/L	mg/L		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	mg/L	mg/L	
EQL		20	0.02	0.02		1	2	2	2	2	2	5	50	100	50	50	100	0.1	100	100	100	100	0.001	
Triggers											0.6													5
Trigger Limit											0.8													
KCB07F	28/09/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M17	21/08/2025	<10	<10	<10	<1	<1	<1	<1	<2	<1	<1	<1	<50	<100	<100	<50	<50	<50	<100	<100	<50	<1		

TSF2 Distance Bores – Hydrocarbons

		Cyanide		
	KCB7F M17 TSF2MB15	Cyanide Total	Cyanide (Free)	Weak Acid Dissociable Cyanide
		mg/L	mg/L	mg/L
EQL		0.004	0.004	0.004
Triggers			0.6	
Trigger Limit			0.8	
KCB07F	28/09/2024	<0.004	<0.004	<0.004
M17	21/08/2025	<0.004	<0.004	<0.004

TSF2 Distance Bores – Cyanide

	KCB12 TSF2MB12S TSF2MB12D TSF2MB13S TSF2MB13D	Lab					
		Turbidity (Field)	Total Titratable Acidity	pH (Lab)	Electrical conductivity *(lab)	TSS	TDS
		NTU	mg/L	pH_Units	uS/cm	mg/L	mg/L
EQL				0.01	1	5	10
Triggers							
Trigger Limit							
KCB12	9/11/2019	-	-	7.6	4980	<5	3170
KCB12	14/02/2020	-	-	7.78	5640	118	3950
KCB12	31/03/2021	-	-	7.91	4240	114	2870
KCB12	23/06/2021	-	-	7.68	4280	54	2810
KCB12	13/12/2021	-	-	7.54	4600	120	3200
KCB12	9/03/2022	-	-	7.78	4170	50	2610
KCB12	9/07/2022	-	-	7.78	4690	93	3190
KCB12	30/09/2022	-	-	8.13	4360	183	2760
KCB12	11/01/2023	-	-	8.06	4860	100	3280
KCB12	26/03/2023	-	-	7.54	5540	117	3800
KCB12	9/07/2023	-	-	7.72	5910	30	3910
KCB12	8/06/2024	-	-	8.1	6300	54	4400
KCB12	28/09/2024	-	-	7.4	6400	68	4800
KCB12	20/12/2024	-	-	7.4	6800	53	4700
KCB12	21/08/2025	-	-	7.2	5400	140	3700

TSF2 Nearby Bores – Laboratory Readings

		Ionic Balance											
KCB12 TSF2MB12S TSF2MB12D TSF2MB13S TSF2MB13D		Anions Total	Cations Total	Ionic Balance	Silicon as SiO2 (Filtered)	Sulphate (Filtered)	Calcium (Filtered)	Magnesium (Filtered)	Potassium (Filtered)	Sodium (Filtered)	Chloride	Fluoride	Hardness as CaCO3 (Filtered)
		meq/L	meq/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL		0.01	0.01	0.01	0.1	1	1	1	1	1	1	1	1
Triggers						6355					10261		
Trigger Limit						10052					17074		
KCB12	9/11/2019	54.3	52.7	1.49	39.9	1070	39	203	16	774	702	-	933
KCB12	14/02/2020	63.8	63.7	0.15	29.4	1290	51	217	23	981	881	-	1020
KCB12	31/03/2021	46.6	47.7	1.14	63.1	865	31	204	13	668	645	-	917
KCB12	23/06/2021	50	47.1	2.92	61.3	927	34	208	13	643	661	-	941
KCB12	13/12/2021	51.6	54.5	2.72	62.3	934	40	258	16	709	726	-	1160
KCB12	9/03/2022	45.3	50.2	5.07	64.1	780	40	229	14	666	650	-	1040
KCB12	9/07/2022	53	55.7	2.53	64.1	923	39	266	13	725	774	-	1190
KCB12	30/09/2022	47.7	50.9	3.25	63	750	36	221	12	704	746	-	1000
KCB12	11/01/2023	54.4	58.3	3.46	68.7	910	47	288	15	733	843	-	1300
KCB12	26/03/2023	67.3	73.4	4.3	68.4	1420	63	405	16	839	954	-	1820
KCB12	9/07/2023	62.8	72.9	7.47	63.1	1250	67	387	18	857	897	-	1760
KCB12	8/06/2024	-	20	21	60	-	37	39	2.9	340	280	-	250
KCB12	28/09/2024	72	72	-1.9	58	1600	53	360	18	900	1100	-	1600
KCB12	20/12/2024	71	77	2.9	-	1600	56	380	19	980	1000	-	1700
KCB12	21/08/2025	65	64	-2.6	57	1400	53	300	17	820	970	-	1400

TSF2 Nearby Bores – Ionic Balance

	KCB12 TSF2MB12S TSF2MB12D TSF2MB13S TSF2MB13D	Nutrients					Alkalinity					
		Nitrate (as N)	Nitrite + Nitrate as N	Nitrogen (Total Oxidised)	Nitrite (as N)	Ammonia as N	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Bicarbonate	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Carbonate
		mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L		mg/L	mg/L	mg/L
EQL		0.01	0.01	0.01	0.01	10	1000	1		1	1	1
Triggers		40										
Trigger Limit		50										
KCB12	9/11/2019	0.16	-	0.16	<0.01	10	<1000	613	747.9	613	<1	<1
KCB12	14/02/2020	<0.01	-	<0.01	<0.01	30	<1000	608	741.8	608	<1	<1
KCB12	31/03/2021	2.47	2.48	-	0.01	20	<1000	523	638.1	523	<1	<1
KCB12	23/06/2021	2.52	2.55	-	0.03	<10	<1000	601	-	601	<1	-
KCB12	13/12/2021	3.03	3.03	-	<0.01	20	<1000	584	-	584	<1	-
KCB12	9/03/2022	3.89	3.89	-	<0.01	150	<1000	538	-	538	<1	-
KCB12	9/07/2022	3.46	3.46	-	<0.01	60	<1000	596	-	596	<1	-
KCB12	30/09/2022	4.06	4.06	-	<0.01	<20	<1000	553	-	553	<1	-
KCB12	11/01/2023	3.61	3.61	-	<0.01	40	<1000	585	-	585	<1	
KCB12	26/03/2023	2.89	2.89	-	<0.01	50	<1000	543	-	543	<1	-
KCB12	9/07/2023	2.62	2.62	-	<0.01	<10	<1000	574	-	574	<1	-
KCB12	8/06/2024	2.5	-	-	<0.0050	0.013	<5	600	-	580	19	-
KCB12	28/09/2024	2.6	-	-	<0.005	0.036	<5	520	-	520	<5	-
KCB12	20/12/2024	2.7	-	-	<0.0050	0.038	<5.0	520	-	520	<5.0	-
KCB12	21/08/2025	3.6	-	-	<0.005	0.13	<5	570	-	570	<5	-

TSF2 Nearby Bores – Nutrients and Alkalinity

		Dissolved Metals																								
		Acrylamide	Chromium (hexavalent) (Filtered)	Mercury (Filtered)	Aluminium (Filtered)	Antimony (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Manganese (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Tin (Filtered)	Zinc (Filtered)	Strontium (Filtered)	Thorium (Filtered)	Titanium (Filtered)	Uranium (Filtered)
		µg/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	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	mg/L	ug/L
EQL		0.2	0.001	0.0001	0.01	0.001	0.001	0.001	0.001	0.05	0.0001	0.001	0.001	0.001	0.05	0.001	0.001	0.001	0.001	0.01	0.001	0.005	0.001	1	0.01	1
Triggers			0.006		1.6						0.006			400	0.08							2.4				
Trigger Limit			0.008		2						0.008			500	0.1							3				
KCB12	9/11/2019	-	<0.01	<0.0001	<0.01	0.001	0.003	0.066	<0.001	0.85	0.0001	<0.001	0.002	<0.001	<0.05	<0.001	0.045	0.019	0.038	0.01	<0.001	0.053	1.1	<1	<0.01	16
KCB12	14/02/2020	-	<0.01	<0.0001	<0.01	<0.001	0.018	0.03	<0.001	1.12	<0.0001	<0.001	0.006	<0.001	4.03	<0.001	0.449	0.027	0.021	<0.01	<0.001	0.043	1.13	<1	<0.01	8
KCB12	31/03/2021	-	<0.001	<0.0001	<0.01	<0.001	0.007	0.011	<0.001	0.84	<0.0001	0.004	0.017	<0.001	0.1	<0.001	0.022	0.018	0.006	<0.01	<0.001	0.05	0.988	<1	<0.01	27
KCB12	23/06/2021	<0.2	<0.001	<0.0001	<0.01	<0.001	0.006	0.012	<0.001	0.74	0.0001	<0.001	0.013	<0.001	0.07	<0.001	0.032	0.015	0.007	<0.01	<0.001	0.016	0.99	<1	<0.01	27
KCB12	13/12/2021	<0.2	0.004	<0.0001	<0.01	<0.001	0.008	0.016	<0.001	0.83	0.0001	0.001	0.03	<0.001	<0.05	<0.001	0.003	0.017	0.003	<0.01	<0.001	<0.005	1.22	<1	<0.01	28
KCB12	9/03/2022	<0.2	0.003	<0.0001	<0.01	<0.001	0.008	0.017	<0.001	0.72	0.0001	0.001	0.026	<0.001	<0.05	<0.001	0.012	0.016	0.004	<0.01	<0.001	<0.005	1.12	<1	<0.01	24
KCB12	9/07/2022	<0.2	<0.001	<0.0001	<0.01	0.002	0.007	0.019	<0.001	1.14	0.0001	<0.001	0.032	<0.001	<0.05	<0.001	0.056	0.019	0.004	<0.01	<0.001	<0.005	1.23	<1	<0.01	32
KCB12	30/09/2022	<0.2	0.007	<0.0001	<0.01	<0.001	0.01	0.021	<0.001	1.19	0.0002	0.003	0.018	<0.001	<0.05	<0.001	0.003	0.018	<0.001	0.01	<0.001	<0.005	1.06	<1	<0.01	24
KCB12	11/01/2023	<0.2	0.004	0.0002	<0.01	<0.001	0.008	0.018	<0.001	1	0.0002	0.001	0.101	<0.001	<0.05	<0.001	<0.001	0.014	<0.001	<0.01	<0.001	<0.005	1.43	<1	<0.01	26
KCB12	26/03/2023	<0.2	0.003	0.0002	<0.01	<0.001	0.009	0.041	<0.001	0.83	0.0003	<0.001	0.251	<0.001	<0.05	<0.001	0.044	0.011	0.002	<0.01	<0.001	<0.005	2.04	<1	<0.01	30
KCB12	9/07/2023	<0.2	0.003	0.0002	<0.01	<0.001	0.007	0.018	<0.001	0.84	0.0002	0.001	0.281	<0.001	<0.05	<0.001	0.002	0.012	0.002	<0.01	<0.001	<0.005	1.89	<1	<0.01	34
KCB12	8/06/2024	<0.0001	<0.001	<0.00005	0.012	0.003	0.0086	0.02	<0.0005	0.83	0.00037	<0.001	0.35	0.0029	0.034	0.0013	0.0072	0.019	0.0042	0.007	0.0069	0.016	1.6	0.00056	<0.001	0.034
KCB12	28/09/2024	<0.0001	<0.001	0.00019	0.016	<0.001	0.0064	0.018	<0.0005	0.81	0.00029	<0.001	0.35	<0.001	<0.01	0.0026	0.0081	0.018	0.0026	0.0054	<0.001	0.0031	1.7	<0.0005	<0.001	0.032
KCB12	20/12/2024	<0.00010	<0.0010	<0.050	<0.01	<0.001	0.007	0.019	<0.0005	0.94	0.00028	<0.001	0.34	<0.001	<0.01	<0.001	0.019	0.019	0.0028	0.006	0.016	0.0068	1.6	<0.0005	<0.001	0.03
KCB12	21/08/2025	<0.1	<0.001	0.00041	<0.01	<0.001	0.0059	0.019	<0.0005	0.83	0.00024	<0.001	0.29	0.0012	0.011	<0.001	0.021	0.02	0.0026	0.0061	<0.001	0.0075	1.3	<0.0005	<0.001	0.03

TSF2 Nearby Bores – Dissolved Metals

		Total Metals																									
KCB12 TSF2MB12S TSF2MB12D TSF2MB13S TSF2MB13D		Mercury	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Manganese	Molybdenum	Nickel	Selenium	Tin	Zinc	Strontium	Thorium	Titanium	Uranium	Thallium	Vanadium	Bismuth
		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	mg/L	mg/L	mg/L	mg/L	µg/L	mg/L	ug/L	mg/L	mg/L	mg/L
EQI		0.0001	0.01	0.001	0.001	0.001	0.001	0.05	0.0001	0.001	0.001	0.001	0.05	0.001	0.001	0.001	0.001	0.01	0.001	0.005	0.001	1	0.01	1	0.001	0.01	0.001
Triggers				0.024	4	4	0.5	4		1.6					12.8	0.04	0.605	0.08			4.2						
Trigger Limit				0.03	5	5	0.6	5		2					16	0.5	0.928	0.1			5.8						
KCB12	9/11/2019	<0.0001	<0.01	0.001	0.003	0.016	<0.001	0.86	0.0001	<0.001	0.002	<0.001	0.21	<0.001	0.046	0.025	0.038	0.01	<0.001	0.033	1.04	<1	<0.01	16	-	-	-
KCB12	14/02/2020	<0.0001	0.79	0.001	0.022	0.022	<0.001	1.06	0.0001	0.007	0.007	0.002	5.85	<0.001	0.454	0.038	0.027	<0.01	<0.001	0.062	1.15	<1	<0.01	10	-	-	-
KCB12	31/03/2021	0.0002	1.44	0.001	0.015	0.014	<0.001	0.87	0.0003	0.026	0.03	0.016	4.35	0.003	0.065	0.021	0.031	<0.01	<0.001	0.095	0.999	<1	0.02	32	-	-	-
KCB12	23/06/2021	<0.0001	0.07	<0.001	0.007	0.012	<0.001	0.73	0.0002	0.001	0.024	<0.001	0.43	<0.001	0.037	0.02	0.008	<0.01	<0.001	0.021	0.994	<1	<0.01	31	-	-	-
KCB12	13/12/2021	0.0001	0.55	0.001	0.014	0.017	<0.001	0.9	0.0001	0.007	0.034	0.004	1.58	<0.001	0.019	0.022	0.008	<0.01	<0.001	0.01	1.18	<1	0.01	35	-	-	-
KCB12	9/03/2022	<0.0001	0.97	<0.001	0.012	0.019	<0.001	0.89	0.0001	0.011	0.034	0.003	1.39	<0.001	0.027	0.023	0.01	<0.01	<0.001	0.009	1.06	<1	0.02	30	-	-	-
KCB12	9/07/2022	<0.0001	1.24	0.002	0.014	0.02	<0.001	1.02	0.0002	0.013	0.054	0.003	2.1	<0.001	0.076	0.027	0.014	0.01	<0.001	0.01	1.19	<1	0.04	38	-	-	-
KCB12	30/09/2022	<0.0001	3.69	0.002	0.031	0.033	<0.001	1.54	0.0002	0.043	0.032	0.01	7.21	0.003	0.102	0.029	0.034	0.01	<0.001	0.022	1.1	1	0.08	34	-	-	-
KCB12	11/01/2023	0.0003	1.38	<0.001	0.015	0.026	<0.001	1.03	0.0002	0.015	0.154	0.005	1.98	0.001	0.03	0.022	0.014	<0.01	<0.001	0.008	1.46	<1	0.03	32	-	-	-
KCB12	26/03/2023	0.0004	4.98	0.002	0.029	0.05	<0.001	0.67	0.0005	0.043	0.271	0.013	7.6	0.005	0.663	0.014	0.048	<0.01	<0.001	0.021	2.1	<1	0.06	31	-	-	-
KCB12	9/07/2023	0.0002	0.79	<0.001	0.01	0.021	<0.001	1.01	0.0002	0.007	0.323	0.002	1.29	0.001	0.022	0.018	0.008	<0.01	<0.001	0.011	1.86	<1	<0.01	40	-	-	-
KCB12	8/06/2024	0.00033	0.76	0.0011	0.013	0.02	<0.0005	0.73	0.00032	0.012	0.37	0.0046	2	0.0017	0.046	0.018	0.012	0.007	0.0017	0.017	1.7	<0.0005	0.016	0.038	-	-	-
KCB12	28/09/2024	<0.00005	1.6	0.0021	0.014	0.022	<0.0005	0.9	0.00033	0.022	0.33	0.0068	4.4	0.0053	0.1	0.018	0.021	0.0056	0.0032	0.023	1.5	<0.0005	0.028	0.03	-	-	-
KCB12	20/12/2024	0.00041	0.88	<0.001	0.012	0.018	<0.0005	0.92	0.00027	0.0096	0.31	0.0023	1.8	<0.001	0.04	0.017	0.0095	0.0053	<0.001	0.0039	1.6	<0.0005	0.018	0.029	-	-	-
KCB12	21/08/2025	0.00045	1.2	0.0011	0.016	0.024	<0.0005	0.9	0.00032	0.022	0.28	0.0066	13	0.0074	0.082	0.02	0.018	0.0058	0.0026	0.025	1.4	<0.0005	0.027	0.034	-	-	-

TSF2 Nearby Bores – Total Metals

		TRH																						
KCB12 TSF2MB12S TSF2MB12D TSF2MB13S TSF2MB13D		C6 - C9	C6-C10	F2-Naphth (C10-C16)	Methyl tert butyl ether (MTBE)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Naphthalene	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	>C10 - C16 Fraction	F1 minus BTEX (C6-C10)	>C16 - C34 Fraction	>C34 - C40 Fraction	C10 - C40 (Sum of total)	Total BTEX	TRH (sum)	
		µg/L	mg/L	mg/L		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL		20	0.02	0.1		1	2	2	2	2	2	5	50	100	50	50	100	0.02	100	100	100	0.001		
Triggers																								5
Trigger Limit																								
KCB12	9/11/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB12	14/02/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB12	31/03/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB12	23/06/2021	<20	<0.02	<0.1	-	<1	<2	<2	<2	<2	<2	<5	<50	<100	<50	<50	<100	<0.02	<100	<100	<100	<0.001	-	-
KCB12	13/12/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB12	9/03/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB12	9/07/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB12	30/09/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB12	11/01/2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB12	26/03/2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB12	9/07/2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB12	8/06/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB12	28/09/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB12	20/12/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCB12	21/08/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TSF2 Nearby Bores - Hydrocarbons

		CN		
KCB12 TSF2MB12S TSF2MB12D TSF2MB13S TSF2MB13D		Cyanide Total	Cyanide (Free)	CN (WAD)
		mg/L	mg/L	mg/L
EQL		0.004	0.004	0.004
Triggers			0.6	
Trigger Limit			0.8	
KCB12	9/11/2019	<0.004	<0.004	<0.004
KCB12	14/02/2020	<0.004	<0.004	<0.004
KCB12	31/03/2021	0.024	<0.004	<0.02
KCB12	23/06/2021	0.014	<0.004	<0.004
KCB12	13/12/2021	0.022	<0.004	<0.004
KCB12	9/03/2022	0.011	<0.004	<0.004
KCB12	9/07/2022	0.01	<0.004	<0.004
KCB12	30/09/2022	0.006	<0.004	<0.004
KCB12	11/01/2023	0.034	0.009	0.007
KCB12	26/03/2023	0.07	0.004	<0.004
KCB12	9/07/2023	0.116	0.009	0.009
KCB12	8/06/2024	0.041	<0.004	<0.004
KCB12	28/09/2024	0.071	<0.004	<0.004
KCB12	20/12/2024	0.11	0.0051	0.0054
KCB12	21/08/2025	0.042	<0.004	<0.004

TSF2 Nearby Bores – Cyanide

	TSFMB1S/D TSFMB2S/D TSFMB3S/D TSFMB4S/D TSF2MB5 TSF2MB6 TSF2MB7 TSF2MB8 TSFMB9S/D TSFMB10S/D TSFMB11S/D TSFMB14S/D	Lab			
		pH (Lab)	Electrical conductivity *(Lab)	TSS	TDS
		pH_Units	uS/cm	mg/L	mg/L
EQL		0.01	1	5	10
Trigger					
Trigger Limit					
Bore ID	Date				
TSF2MB1D	28/09/2024	6.6	40000	74	30000
TSF2MB1D	25/08/2025	7.3	11000	38	8400
TSF2MB1S	28/09/2024	7.1	47000	190	32000
TSF2MB1S	25/08/2025	7.4	46000		41000
TSF2MB2D	28/09/2024	7	37000	66	25000
TSF2MB2S	28/09/2024	7.2	40000	240	26000
TSF2MB3D	28/09/2024	7.1	28000	840	16000
TSF2MB3D	20/08/2025	7.2	28000	9	24000
TSF2MB3S	28/09/2024	7.1	33,000	410	22,000
TSF2MB3S	20/08/2025	7	35000	300	30000
TSF2MB4D	28/09/2024	6.8	35,000	12	19,000
TSF2MB4D	20/08/2025	7.6	34000	52	29000
TSF2MB4S	28/09/2024	6.9	43,000	3600	29,000
TSF2MB4S	20/08/2025	6.9	45000	1900	38000
TSF2MB5	28/09/2024	8.4	3500	80	2100
TSF2MB5	20/12/2024	7.3	29000	1100	19000
TSF2MB5D	20/08/2025	7.4	32000	5300	20000
TSF2MB6	20/08/2025	7.4	22000	260	17000
TSF2MB7	20/08/2025	7.2	27000	12	23000
TSF2MB8	20/08/2025	9.2	13000	38	7600

TSF2 Immediate Vicinity Bores – Laboratory Readings

		Ionic Balance											
TSFMB1S/D TSFMB2S/D TSFMB3S/D TSFMB4S/D TSF2MB5 TSF2MB6 TSF2MB7 TSF2MB8 TSFMB9S/D TSFMB10S/D TSFMB11S/D TSFMB14S/D		Anions Total	Cations Total	Ionic Balance	Silicon as SiO2 (Filtered)	Sulphate (Filtered)	Calcium (Filtered)	Magnesium (Filtered)	Potassium (Filtered)	Sodium (Filtered)	Chloride	Fluoride	Hardness as CaCO3 (Filtered)
		meq/L	meq/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
EQL		0.01	0.01	0.01	0.1	1	1	1	1	1	1	1	
Trigger						12831					10237		
Trigger Limit						21246					18505		
Bore ID	Date												
TSF2MB1D	28/09/2024	540	570	2.8	24	13000	250	2100	25	8800	9400	-	9500
TSF2MB1D	25/08/2025	150	140	-4	10	3500	79	520	17	2100	2700	-	2300
TSF2MB1S	28/09/2024	660	690	3.1	34	16000	380	2600	18	10000	11000	-	12000
TSF2MB1S	25/08/2025	680	620	-4.7	37	16000	390	2400	14	9200	12000	-	11000
TSF2MB2D	28/09/2024	520	550	2.6	25	13000	400	2500	46	7500	9200	-	11000
TSF2MB2S	28/09/2024	550	600	3.3	31	14000	340	2600	44	8400	9200	-	11000
TSF2MB3D	28/09/2024	370	390	2.6	18	9000	240	1900	41	5000	6200	-	8400
TSF2MB3D	20/08/2025	380	370	0	18	9100	240	1700	36	5000	6500	-	7700
TSF2MB3S	28/09/2024	450	480	2.2	16	11000	230	2100	38	6700	7900	-	9,300
TSF2MB3S	20/08/2025	480	450	0	16	11000	240	2000	38	6300	8600	-	9000
TSF2MB4D	28/09/2024	470	500	3.5	20	11000	220	2000	38	7300	8100	-	8900
TSF2MB4D	20/08/2025	460	430	0	20	11000	240	1800	39	6300	8300	-	8000
TSF2MB4S	28/09/2024	580	620	3.7	19	14000	230	2300	28	9700	10000	-	9,900
TSF2MB4S	20/08/2025	590	560	0	19	14000	240	2100	31	8800	11000	-	9100
TSF2MB5	28/09/2024	33	37	2	20	200	1.7	5.5	0.72	850	450	-	27
TSF2MB5	20/12/2024	34	38	1.4	-	190	1.6	5.3	0.8	860	470	-	26
TSF2MB5D	20/08/2025	350	340	0	21	5600	150	930	25	6000	7800	-	4200
TSF2MB6	20/08/2025	290	290	0	24	6900	170	870	26	4800	5100	-	4000
TSF2MB7	20/08/2025	370	340	0	22	8800	3300	1300	29	5000	6400	-	6200
TSF2MB8	20/08/2025	140	130	0	3.5	1800	4.4	110	26	2800	3000	-	480

TSF2 Immediate Vicinity Bores – Ionic Balance

		Nutrients					Alkalinity					Acrylamide	
		Nitrate (as N)	Nitrite + Nitrate as N	Nitrogen (Total Oxidised)	Nitrite (as N)	Ammonia as N	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Bicarbonate	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Carbonate	Acrylamide
		mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L
EQL		0.01	0.01	0.01	0.01	10	1000	1	1	1	1	1	0.2
Trigger		40											
Trigger Limit		50											
TSF2MB1D	28/09/2024	<0.005	-	-	<0.005	1.6	<5	250	-	250	<5	-	<0.0001
TSF2MB1D	25/08/2025	0.021	-	-	0.013	0.058	<5	410	-	410	<5	-	<0.1
TSF2MB1S	28/09/2024	0.23	-	-	<0.005	0.031	<5	290	-	290	<5	-	<0.0001
TSF2MB1S	25/08/2025	0.74	-	-	<0.005	0.17	<5	310	-	310	<5	-	<0.1
TSF2MB2D	28/09/2024	0.032	-	-	0.0074	0.035	<5	360	-	360	<5	-	<0.0001
TSF2MB2S	28/09/2024	1.5	-	-	<0.005	0.028	<5	330	-	330	<5	-	<0.0001
TSF2MB3D	28/09/2024	0.026	-	-	<0.005	0.094	<5	320	-	320	<5	-	<0.0001
TSF2MB3D	20/08/2025	<0.005	-	-	<0.005	0.034	<5	370	-	370	<5	-	<0.1
TSF2MB3S	28/09/2024	0.12	-	-	<0.005	0.045	<5	260	-	260	<5	-	<0.0001
TSF2MB3S	20/08/2025	0.33	-	-	<0.005	<0.005	<5	270	-	270	<5	-	<0.1
TSF2MB4D	28/09/2024	0.029	-	-	<0.005	0.08	<5	240	-	240	<5	-	<0.0001
TSF2MB4D	20/08/2025	<0.005	-	-	<0.005	4.89	<5	470	-	470	<5	-	<0.1
TSF2MB4S	28/09/2024	1.8	-	-	<0.005	0.033	<5	240	-	240	<5	-	<0.0001
TSF2MB4S	20/08/2025	1.6	-	-	<0.005	<0.005	<5	240	-	240	<5	-	<0.1
TSF2MB5	28/09/2024	0.08	-	-	<0.005	0.0099	<5	950	-	940	14	-	<0.0001
TSF2MB5	20/12/2024	1	-	-	<0.005	0.028	<5	980	-	960	21	-	-
TSF2MB5D	20/08/2025	1.8	-	-	0.022	<0.005	<5	710	-	710	<5	-	<0.1
TSF2MB6	20/08/2025	1.6	-	-	<0.005	<0.005	<5	360	-	360	<5	-	<0.1
TSF2MB7	20/08/2025	0.44	-	-	<0.005	0.0054	<5	320	-	320	<5	-	<0.1
TSF2MB8	20/08/2025	<0.005	-	-	<0.005	0.063	<5	510	-	350	160	-	<0.1

TSF2 Immediate Vicinity Bores – Nutrients, Alkalinity and Acrylamide

		Dissolved Metals																							
		Chromium (hexavalent) (Filtered)	Mercury (Filtered)	Aluminium (Filtered)	Antimony (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Manganese (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Tin (Filtered)	Zinc (Filtered)	Strontium (Filtered)	Thorium (Filtered)	Titanium (Filtered)	Uranium (Filtered)
		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	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	mg/L	ug/L
EQL		0.001	0.0001	0.01	0.001	0.001	0.001	0.001	0.05	0.0001	0.001	0.001	0.001	0.05	0.001	0.001	0.001	0.001	0.01	0.001	0.005	0.001	1	0.01	1
	Trigger	0.006		1.6							0.006			400	0.08						2.4				
	Trigger Limit	0.008		2							0.008			500	0.1						3				
	TSF2MB1D 28/09/2024	<0.005	<0.00005	<0.02	<0.002	0.049	0.017	<0.001	1.5	0.0003	<0.002	0.012	<0.002	7.7	<0.002	5.3	0.0098	0.067	<0.002	<0.002	0.063	6.1	<0.001	<0.002	<0.002
	TSF2MB1D 25/08/2025	<0.001	<0.00005	<0.01	0.0072	0.064	0.039	<0.0005	0.4	<0.0001	0.0029	0.003	<0.001	0.019	<0.001	1.7	<0.001	0.0075	<0.001	<0.001	0.007	1.6	<0.0005	0.0014	<0.001
	TSF2MB1S 28/09/2024	<0.005	0.00028	<0.02	<0.002	0.026	0.019	<0.001	1.7	0.00044	<0.002	0.011	<0.002	<0.02	<0.002	0.027	0.009	0.0059	0.0024	<0.002	0.0066	8.7	<0.001	<0.002	0.016
	TSF2MB1S 25/08/2025	<0.001	0.000077	<0.01	<0.001	0.027	0.023	<0.0005	2	0.00051	0.0023	0.11	0.0032	<0.01	<0.001	0.052	0.0055	0.0054	0.003	<0.001	0.052	7.8	<0.0005	<0.001	0.016
	TSF2MB2D 28/09/2024	<0.005	<0.00005	<0.02	0.0066	0.041	0.019	<0.001	2.2	0.0012	<0.002	0.47	0.026	0.043	<0.002	0.77	0.012	0.033	<0.002	<0.002	0.065	9.8	<0.001	<0.002	0.028
	TSF2MB2S 28/09/2024	<0.005	0.0014	<0.02	<0.002	0.019	0.022	<0.001	2.6	0.00056	0.0048	0.57	<0.002	0.05	<0.002	0.045	0.0098	<0.002	0.0033	<0.002	0.0073	9.4	<0.001	<0.002	0.02
	TSF2MB3D 28/09/2024	<0.001	<0.00005	<0.02	0.0059	0.014	0.03	<0.001	1.2	<0.0002	<0.002	0.0068	<0.002	6.3	<0.002	6.7	0.0085	0.0048	<0.002	<0.002	0.003	7.5	<0.001	<0.002	0.0044
	TSF2MB3D 20/08/2025	<0.005	<0.00005	<0.01	0.011	0.0055	0.03	<0.0005	1.1	<0.0001	<0.001	0.0011	<0.001	<0.01	<0.001	6.4	0.0078	0.0012	<0.001	<0.001	<0.001	7.3	<0.0005	<0.001	0.0046
	TSF2MB3S 28/09/2024	<0.001	<0.00005	<0.02	<0.002	0.026	<0.001	1.2	0.0012	<0.002	0.016	<0.002	0.05	<0.002	0.094	0.0057	0.034	<0.002	<0.002	0.0074	7.5	<0.001	<0.002	0.0078	
	TSF2MB3S 20/08/2025	<0.005	<0.00005	<0.01	0.001	0.0011	0.023	<0.0005	1.3	0.0034	<0.001	0.0086	0.002	<0.01	<0.001	0.087	0.0042	0.031	0.0022	<0.001	0.0044	7.7	<0.0005	<0.001	0.0085
	TSF2MB4D 28/09/2024	<0.001	<0.00005	<0.02	<0.002	0.088	0.017	<0.001	1.6	<0.0002	<0.002	0.064	<0.002	6.4	<0.002	3.2	0.006	0.045	<0.002	<0.002	0.057	6.8	<0.001	<0.002	<0.002
	TSF2MB4D 20/08/2025	<0.005	<0.00005	0.011	0.062	0.067	0.039	<0.0005	1.6	<0.0001	0.0026	0.018	0.0013	0.015	<0.001	2.8	<0.001	0.0054	<0.001	<0.001	<0.001	6.5	<0.0005	0.001	<0.001
	TSF2MB4S 28/09/2024	<0.005	0.0019	<0.02	<0.002	0.0026	0.025	<0.001	1.9	0.0013	<0.002	0.2	<0.002	<0.02	<0.002	0.17	0.0032	0.056	0.0023	<0.002	0.016	7.4	<0.001	<0.002	0.0048
	TSF2MB4S 20/08/2025	<0.005	0.000085	<0.02	<0.002	0.0032	0.024	<0.001	2.1	0.0013	<0.002	0.2	<0.002	<0.02	<0.002	0.14	0.0026	0.056	0.0024	<0.002	<0.002	7.2	<0.001	0.0055	0.0095
	TSF2MB5 28/09/2024	<0.001	<0.00005	<0.01	0.0076	1	0.027	<0.0005	1	<0.0001	0.0032	0.0023	0.0031	<0.01	<0.001	0.0098	0.16	0.0024	0.008	<0.001	0.0019	0.056	<0.0005	<0.001	0.065
	TSF2MB5 20/12/2024	<0.005	-	0.19	0.001	0.02	0.023	<0.0005	1	0.00085	0.0026	0.01	0.011	0.37	<0.001	0.014	0.0081	0.02	0.0075	0.0015	0.026	2.8	<0.0005	0.0013	0.02
	TSF2MB5D 20/08/2025	<0.005	<0.00005	<0.01	<0.001	0.0089	0.03	<0.0005	1.3	0.00082	<0.001	0.0018	0.002	<0.01	<0.001	0.036	0.0095	0.013	0.008	<0.001	<0.001	3	<0.0005	0.045	0.0054
	TSF2MB6 20/08/2025	<0.005	0.00024	<0.01	<0.001	0.045	0.0029	<0.0005	1.4	0.00026	<0.001	0.14	0.0013	0.017	<0.001	0.0042	0.012	<0.001	0.0099	<0.001	<0.001	4.6	<0.0005	0.021	0.0098
	TSF2MB7 20/08/2025	<0.005	<0.00005	<0.01	<0.001	0.0017	0.01	<0.0005	1.3	0.00021	<0.001	0.011	<0.001	<0.01	<0.001	0.002	0.0076	0.0016	0.0079	<0.001	<0.001	8.2	<0.0005	0.022	0.0095
	TSF2MB8 20/08/2025	<0.005	<0.00005	<0.01	0.0016	0.24	0.012	<0.0005	0.6	<0.0001	<0.001	<0.001	<0.001	<0.01	<0.001	0.014	0.049	0.0016	<0.001	<0.001	0.012	0.21	0.00059	<0.001	0.02

TSF2 Immediate Vicinity Bores – Dissolved Metals

		Total Metals																						
	TSFMB1S/D TSFMB2S/D TSFMB3S/D TSFMB4S/D TSF2MB5 TSF2MB6 TSF2MB7 TSF2MB8 TSFMB9S/D TSFMB10S/D TSFMB11S/D TSFMB14S/D	Mercury	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Manganese	Molybdenum	Nickel	Selenium	Tin	Zinc	Strontium	Thorium	Titanium	Uranium
		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	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	mg/L
EQ		0.0001	0.01	0.001	0.001	0.001	0.05	0.0001	0.001	0.001	0.001	0.05	0.001	0.001	0.001	0.001	0.01	0.001	0.005	0.001	1	0.01	1	
Trigger		0.008		0.024	4	4	0.5	4			1.6				12.8	0.04	0.5	0.08			9.4			
Trigger Limit		0.01		0.03	5	5	0.6	5			2				16	0.5	0.649	0.1			13.6			
TSF2MB1D	28/09/2024	<0.00005	0.9	0.0026	0.057	0.021	<0.001	1.5	<0.0002	0.1	0.016	0.04	11	<0.002	5	0.0064	0.12	<0.002	0.011	0.074	5.6	<0.001	0.014	<0.002
TSF2MB1D	25/08/2025	<0.00005	0.37	0.011	0.065	0.04	<0.0005	0.43	<0.0001	0.0089	0.0051	0.0058	1.1	<0.001	2.5	<0.001	0.021	<0.001	<0.001	0.039	2.5	<0.0005	0.0082	<0.0001
TSF2MB1S	28/09/2024	0.001	4.8	<0.002	0.056	0.03	<0.001	1.7	0.0007	0.066	0.021	0.019	11	0.0039	0.26	0.0065	0.052	0.0028	<0.002	0.12	7.9	0.0013	0.078	0.016
TSF2MB1S	25/08/2025	0.0024	8.7	0.0023	0.072	0.042	<0.001	1.7	0.00056	0.1	0.11	0.029	18	0.0066	0.39	0.0055	0.079	0.0029	<0.002	0.097	8.1	0.0025	0.13	0.018
TSF2MB2D	28/09/2024	0.00065	1.3	0.0082	0.058	0.022	<0.001	2.4	0.0012	0.11	0.52	0.22	3.2	0.0063	0.77	0.017	0.063	<0.002	<0.002	0.076	8.9	<0.001	0.014	0.028
TSF2MB2S	28/09/2024	0.0017	6.2	<0.002	0.034	0.063	<0.001	2.7	0.00072	0.07	0.57	0.014	14	0.0024	0.16	0.009	0.05	0.0035	<0.002	0.036	8.1	0.0011	0.044	0.02
TSF2MB3D	28/09/2024	<0.00005	30	0.014	0.042	0.092	<0.001	1.2	0.00054	0.29	0.053	0.14	70	0.012	6.8	0.0091	0.25	<0.002	<0.002	0.14	6.7	0.004	0.076	0.0049
TSF2MB3D	20/08/2025	<0.00005	0.067	0.014	0.0059	0.03	<0.0005	1.1	<0.0001	<0.001	0.0014	0.0026	0.49	<0.001	6.7	0.0074	0.0019	<0.001	<0.001	0.0029	7.6	0.00073	<0.001	0.0049
TSF2MB3S	28/09/2024	<0.00005	11	0.0025	0.012	0.044	<0.001	1.2	0.0019	0.11	0.035	0.035	22	0.0032	0.3	0.0056	0.12	<0.002	<0.002	0.054	6.7	0.0019	0.037	0.0077
TSF2MB3S	20/08/2025	<0.00005	6.8	0.0016	0.0067	0.033	<0.0005	1.3	0.0033	0.065	0.02	0.012	13	0.0033	0.23	0.0043	0.075	0.0023	<0.001	0.029	7.8	0.0012	0.02	0.0099
TSF2MB4D	28/09/2024	<0.00005	0.033	0.0029	0.09	0.018	<0.001	1.7	<0.0002	0.026	0.07	0.014	7.3	<0.002	3.2	0.0063	0.061	<0.002	1.9	0.053	6.6	<0.001	<0.002	<0.002
TSF2MB4D	20/08/2025	<0.00005	0.35	0.068	0.076	0.04	<0.0005	1.6	<0.0001	0.0094	0.02	0.011	0.81	<0.001	3	<0.001	0.012	<0.001	<0.001	0.014	6.9	<0.0005	0.011	0.0011
TSF2MB4S	28/09/2024	0.0059	9.8	<0.002	0.039	0.11	<0.001	1.9	0.0016	0.1	0.21	0.02	25	0.0058	0.3	0.0033	0.12	0.0028	0.32	0.039	7	0.0027	0.13	0.0055
TSF2MB4S	20/08/2025	0.0047	32	0.0022	0.13	0.28	0.0014	2	0.0017	0.36	0.22	0.071	81	0.026	0.59	0.0031	0.26	0.0029	<0.002	0.1	7.5	0.012	0.26	0.0085
TSF2MB5	28/09/2024	<0.00005	2.7	0.0079	1	0.039	<0.0005	1	0.00014	0.038	0.044	0.018	5.6	0.0025	0.2	0.15	0.041	0.0093	0.018	0.025	0.051	0.0013	0.011	0.061
TSF2MB5	20/12/2024	0.00072	25	0.0031	0.1	0.036	0.00072	0.85	0.001	0.23	0.43	0.14	39	0.016	2.2	0.0094	0.18	0.0088	<0.001	0.099	3.2	0.0037	0.1	0.021
TSF2MB5D	20/08/2025	0.0018	61	0.0013	0.13	0.096	0.003	1.4	0.0012	0.74	0.22	0.18	110	0.042	2.4	0.0068	0.44	0.011	<0.001	0.38	2.9	0.017	0.12	0.066
TSF2MB6	20/08/2025	0.00088	3	<0.001	0.067	0.0042	<0.0005	1.4	0.00025	0.029	0.15	0.0076	6	0.0015	0.11	0.012	0.027	0.01	<0.001	0.023	4.8	0.0012	0.014	0.022
TSF2MB7	20/08/2025	<0.00005	0.18	<0.001	0.0036	0.012	<0.0005	1.3	0.00029	0.0029	0.0012	0.0015	0.4	<0.001	0.012	0.0083	0.0029	0.007	<0.001	0.011	8.2	<0.0005	0.0023	0.023
TSF2MB8	20/08/2025	<0.00005	0.54	0.0017	0.27	0.02	<0.0005	0.58	0.00013	0.0085	0.0029	0.0055	1.2	<0.001	0.04	0.0084	<0.001	<0.001	0.092	0.26	<0.0005	0.0068	0.021	

TSF2 Immediate Vicinity Bores – Total Metals

		CN		
		Cyanide (Free)	Cyanide Total	Weak Acid Dissociable Cyanide
		mg/L	mg/L	mg/L
EQL		0.004	0.004	0.004
Trigger		0.6		
Trigger Limit		0.8		
TSF2MB1D	28/09/2024	<0.004	<0.004	<0.004
TSF2MB1D	25/08/2025	<0.004	<0.004	<0.004
TSF2MB1S	28/09/2024	<0.004	0.0061	<0.004
TSF2MB1S	25/08/2025	<0.004	<0.004	<0.004
TSF2MB2D	28/09/2024	<0.004	0.2	<0.004
TSF2MB2S	28/09/2024	<0.004	0.34	<0.004
TSF2MB3D	28/09/2024	<0.004	<0.004	<0.004
TSF2MB3D	20/08/2025	<0.004	<0.004	<0.004
TSF2MB3S	28/09/2024	<0.004	0.0061	<0.004
TSF2MB3S	20/08/2025	0.0064	<0.004	<0.004
TSF2MB4D	28/09/2024	<0.004	0.022	<0.004
TSF2MB4D	20/08/2025	0.01	<0.004	<0.004
TSF2MB4S	28/09/2024	<0.004	0.053	<0.004
TSF2MB4S	20/08/2025	0.081	<0.004	<0.004
TSF2MB5	28/09/2024	<0.004	<0.004	<0.004
TSF2MB5	20/12/2024	<0.004	<0.004	<0.004
TSF2MB5D	20/08/2025	<0.004	<0.004	<0.004
TSF2MB6	20/08/2025	0.068	<0.02	<0.02
TSF2MB7	20/08/2025	<0.004	<0.004	<0.004
TSF2MB8	20/08/2025	<0.004	<0.004	<0.004

TSF2 Immediate Vicinity Bores – Cyanide