PRCP schedule

Environmental Protection Act 1994

PRCP Schedule P-PRCP-100790466 Mt Colin

This PRCP schedule is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994

PRCP schedule: P-PRCP-100790466_V1

PRCP schedule holder

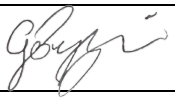
Name	Registered address
Exco Resources Pty Limited ACN: 080 339 671	Level 6, 120 Edward Street Brisbane QLD 4000

Location details

Location
Mining lease (ML) 2640

Take effect

In accordance with section 202B of the *Environmental Protection Act 1994* (EP Act), the PRCP schedule has effect on the day the environmental authority for carrying out relevant activities on land to which the schedule relates takes effect. Pursuant to section 202C of the EP Act, a PRCP schedule continues in force until the environmental authority for the relevant activities to which the PRCP schedule relates is cancelled or surrendered, even if the resource tenure expires or is cancelled and even if the relevant environmental authority is suspended under Chapter 5, part 11 or 11A of the EP Act.

	11 February 2026
Signature	Date

Giles Bezzina

Department of the Environment, Tourism, Science and Innovation
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
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Obligations under the *Environmental Protection Act 1994*

Pursuant to section 202E of the EP Act, if there is an inconsistency between an environmental authority and a PRCP schedule, the environmental authority prevails to the extent of the inconsistency.

Pursuant to section 285 of the EP Act:

- the holder of a PRCP schedule must commission an audit of the schedule by a rehabilitation auditor for the following periods (each an audit period) —

  (a) the 3-year period starting on the day the schedule takes effect

  (b) each 3-year period starting on the day after the previous audit period ended.

- the holder must, within 4 months after the end of each audit period, give the administering authority -

  (a) the rehabilitation auditor's report (an audit report) about the audit that complies with section 286 of the EP Act, and

  (b) a declaration for the audit report that complies with section 285 of the EP Act.

In addition to the requirements found in the conditions of this PRCP schedule, the holder must also meet their obligations under the environmental authority, the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the EP Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443).

PRCP schedule

The PRCP schedule incorporates the following sections:

- Section A - Conditions of PRCP schedule
- Section B – Definitions
- Section C - Final site design and reference maps
- Section D - Post mining land uses
- Section E - Non-use management areas.
- Section F -Tables

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Section A - Conditions of PRCP schedule

Pursuant to section 206A of the EP Act:

- it is a condition of this PRCP schedule that, in carrying out a relevant activity under the schedule, the holder must comply with a requirement stated in the environmental authority relevant to carrying out the activity.
- it is a condition of this PRCP schedule that the holder must comply with the following matters stated in the schedule -

  (a) each rehabilitation milestone and management milestone

  (b) when each rehabilitation milestone and management milestone is to be achieved.

General conditions

PRCP1 All mining disturbance authorised under environmental authority (EA) EPML00715513 must have an associated rehabilitation outcome provided in this Progressive Rehabilitation and Closure Plan (PRCP) schedule.

PRCP2 For each rehabilitation and improvement area the holder must achieve the rehabilitation and improvement milestone criteria (milestone reference):

(a) For the cumulative area available specified in this schedule; and

(b) By the milestone completion date specified in this schedule.

PRCP3 Where land becomes 'available for rehabilitation' earlier than the date nominated in this schedule, the holder must:

(a) Notify the administering authority in writing within 30 business days of the land becoming 'available for rehabilitation';

(b) Describe in the notification why or why not it considers that it would be reasonable and appropriate to apply to the administering authority to amend this schedule; and

(c) Unless otherwise agreed to by the administering authority in writing, within 60 business days of the land becoming 'available for rehabilitation', apply to the administering authority to amend this schedule in a way that maximises the progressive rehabilitation of the land to a stable condition.

Notes:

1. Reference to "earlier than the nominated date in the schedule" means a date that is greater than 1 year prior to the date nominated in the schedule.
2. The written notification must include precise details of the relevant land area and the date when that land became 'available for rehabilitation'.
3. Assessment of land becoming available is undertaken on a nominally annual basis.
4. Rehabilitation of land size must be practicable.

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PRCP4 Where an area achieves a rehabilitation or management milestone, the holder must continue to achieve the milestone criteria until a surrender is approved.

PRCP5 The holder must maintain a risk register that identifies the risks to not achieving:

(a) A stable condition for the post-mining land uses (PMLUs);

(b) Sufficient improvement for non-use management areas (NUMAs); and

(c) How the risks are being managed or minimised.

PRCP6 The risk register (PRCP5) must be reviewed annually and include consideration of the outcomes of all PRCP monitoring data.

PRCP7 The holder must carry out monitoring of the rehabilitation activities:

(a) In accordance with any requirement under this schedule; and

(b) As necessary to demonstrate achievement of each rehabilitation milestone or management milestone criteria.

PRCP8 The holder must make and keep up to date records on:

(a) Achievement and maintenance of achievement of each rehabilitation or management milestone criteria of this schedule;

(b) Rehabilitation activities and the results of those activities (including but not limited to, actions taken, date, location, methods, data collected, Quality Assurance/Quality Control (QA/QC), photographs, waste tracking and disposal records, appropriately qualified person (AQP) details and assumptions);

(c) Maintenance of rehabilitation and the results of maintenance activities;

(d) Monitoring of rehabilitation and the results of monitoring;

(e) Details and results of any rehabilitation trials;

(f) Designs, drawings, specifications and any similar documents developed in accordance with good professional practice in relation to rehabilitation or management milestone criteria;

(g) All documents in relation to the requirements of this schedule, including reports (e.g., site investigation report), statements (e.g. site suitability statement), certifications, assessments, investigations, inspections, audits or any similar documents developed in relation to rehabilitation or management milestone criteria; and

(h) Details of community consultation in their community consultation register relating to rehabilitation and closure activities.

PRCP9 Records made under PRCP8 must be kept until the relevant environmental authority has been surrendered.

PRCP10 Records made under PRCP8 must be provided to the administering authority in the specified format within 20 business days of a written request.

PRCP11 All AQP designs, specifications, certifications, assessments and any similar documents, must:

(a) Include documented consideration of any relevant guideline or publication material, including material published by the administering authority;

(b) Detail the boundary conditions (of any model);

(c) Detail any assumptions made, limitations and areas of uncertainty; and

(d) Contain sufficient detail to allow for independent peer review and substantiation.

PRCP12 By 19 December 2026 the holder must provide to the administering authority an AQP prepared final landform closure design report, which must include detailed engineering designs and a durability assessment.

PRCP13 The final landform closure design report required under PRCP12 must at a minimum for the relevant structures (WRD, void, safety bund, breaches for EDD and WDD) include:

(a) Design aims and objectives of final landform, including the cover system and batters;

(b) The intended design life of the component parts of each relevant structure including the cover, batters, access points, water management, and associated monitoring network;

(c) Quality assurance and quality control required during construction;

(d) How the cover system performance will be demonstrated;

(e) How the landform achieves acceptable geotechnical and erosional stability;

(f) How the landform achieves an acceptable water quality outcome;

(g) How redundancy of the monitoring network has been identified and built into the final design;

(h) How the design, including the component parts supports the achievement of the nominated PMLU;

(i) The critical design elements and associated assessment that support the achievement of a stable condition;

(j) Where any assumed or inferred material properties have been used in the design or its assessment (inclusive of modelling), detailed discussion justifying why actual/measured properties were not used, how uncertainties regarding material properties may affect performance, and how those uncertainties are managed;

(k) How the safety bund or equivalent structure (within IA1) has been designed, including, at a minimum:

i. Consideration of the void water balance;

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ii. Consideration of durability, maintenance requirements and design life;

iii. Consideration of how any equivalent structure, in lieu of a safety bund, will function as a physical exclusion barrier;

iv. How the safety bund or equivalent structure will meet best practice requirements including preventing human and stock access whilst allowing for wildlife connectivity from the undisturbed area (totalling 6.07 hectares (ha) and as identified in **Figure 1: Rehabilitation Areas and Improvement Areas** and **Figure 2: Final site design and land use**); and

v. How the design will accommodate probable maximum flood (PMF) events;

PRCP14 The durability assessment as required in PRCP12 must include:

(a) Specified nominated design life of the component parts of the relevant structures including the cover, batters, access points and water management features;

(b) The systematic identification and analysis of potential failure modes for the component parts of the relevant structures (including the cover, batters, access points and water management features);

(c) An explanation of how each failure mode has been considered in the design and designed out, to the extent practicable;

(d) Where a failure mode could not be designed out, the control measures that are required and their residual risks;

(e) How the design has been developed to allow for the future practical repair of the component parts of the structure, should any of the potential failure modes be realised either during or after the nominated design life; and

(f) Details of the minimum monitoring required to detect each potential failure mode, including the type of monitoring, location/s, frequency and performance indicators, to demonstrate ongoing stability and performance in support of achieving a stable condition. This must include measurable time-based criteria to detect the development of potential failure modes.

PRCP15 In the context of the final landform design, the following must be considered for the void (within IA1):

(a) Details of the minimum void water level monitoring requirements, including the type of monitoring, location/s and frequency;

(b) The void must be determined to be a sink in perpetuity;

(c) All modelling accounts for a maximum of 133.6 megalitres (ML) of water from the West Mine Water Dam (WMWD), South Sediment Dam (SSD) and SSD sump injected into underground workings of Improvement Area (IA)1;

(d) The type of model must be justified as appropriate to demonstrate the void acting as a sink in perpetuity.

PRCP16 Within six (6) months of groundwater level and quality monitoring indicating a trend deviating from that predicted in the model (per Appendix D Response to DESI August 2024 RI (Groundwater and Water Quality) 29/11/2024), modelling is reviewed and actions taken to address the findings.

PRCP17 Rehabilitation methods of the Eastern Diversion Drain (EDD) and Western Diversion Drain (WDD) (within RA2) include, as a minimum:

(a) An assessment of the requirement for breaches. If breaches are required, engineering specifications including at a minimum; how the design can accommodate PMF events, durability, maintenance requirements and intended design life; and

(b) How the landform achieves acceptable geotechnical and erosional stability, as demonstrated by modelling.

PRCP18 The final landform closure report design and corresponding final landform design report (per PRCP12) must be updated within 5 months of identifying a change requiring amendment. Where the report has been updated, certifications provided under PRCP19 must also be provided to address the changes made.

PRCP19 The documents required under PRCP12 must be developed by an AQP and independently peer reviewed and certified.

PRCP20 The certifications provided under PRCP19 must include:

(a) That the final landform closure design report is fit for purpose;

(b) That the final landform closure design report has been prepared in accordance with good professional practice; and

(c) If constructed, as per the final landform closure design report, the rehabilitated landform will achieve a stable condition in a post-closure context.

PRCP21 Where the surface water quality at the downstream site exceeds the upstream site result as per RM7.12, an AQP must complete an assessment of the cause of the exceedance and risk of rehabilitation not achieving a stable condition within the schedule timeframe and:

(a) Where there is a low risk to achieving a stable condition from the mining tenure, then no further action is to be taken; or

(b) Where there is a risk greater than low to achieve a stable condition, then an assessment of potential environment harm and any changes or rectification actions to rehabilitation activities must be determined and implemented.

(c) PRCP21 (a) can only be triggered 3 times over 5 consecutive years prior to surrender.

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PRCP22 The assessment/s under PRCP21 must be completed and provided to the administering authority within 3 months of receiving the relevant sampling results.

PRCP23 If PRCP21 (b) is triggered, the timeframe under RM7.12 is reset.

PRCP24 The nested bores MCWMB10 and MCWMB11 as listed in **Table 7: Groundwater monitoring bores** and as per **Figure 5. Groundwater monitoring locations** must be installed and operational by 19 December 2026.

PRCP25 The nested bores MCWMB10 and MCWMB11 as listed in **Table 7: Groundwater monitoring bores** and as per **Figure 5. Groundwater monitoring locations** must:

(a) Have one shallow bore (± 30m deep) constructed within the shallow alluvium, or if not present, calcsilicate;

(b) Have one deep bore (±100m deep) constructed within the calcsilicate; and

(c) Be located as per **Figure 5: Groundwater monitoring locations** and **Table 7: Groundwater monitoring bores.**

PRCP26 Disturbance due to exploration activities and minor ancillary activities in areas not planned to be mined and not within a Rehabilitation Area in this schedule must be rehabilitated in accordance with the provisions detailed in the *Eligibility criteria and standard conditions for exploration and mineral development projects*, or its successor, with the exception that land must be rehabilitated to a stable condition that achieves the relevant PMLU as indicated by **Figure 2: Final Site Design and land use**.

END OF CONDITIONS

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Section B - Definitions

Appropriately qualified person (AQP)	means a person who has professional qualifications, training, skills and experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis on performance relative to the subject matter using the relevant protocols, standards, methods or literature.
Activity (EP Regulation)	includes that part, if any, of an activity relating to the following— a) Preparing a place for the activity before carrying out the activity; b) Rehabilitating a place after it has been used for carrying out the activity.
BioCondition	refers to the *BioCondition Assessment Manual* (Eyre, T.J., Kelly, A.L, Neldner, V.J., Wilson, B.A., Ferguson, D.J., Laidlaw, M.J. and Franks, A.J. (2015)) and *BioCondition: A Condition Assessment Framework for Terrestrial Biodiversity in Queensland. Assessment Manual. Version 2.2* (Queensland Herbarium, Department of Science, Information Technology, Innovation and Arts, Brisbane) or later versions thereof.
ANZG 2018	means Australian and New Zealand Guidelines for Fresh and Marine Water Quality. Previously ANZECC (2000).
Contaminants	can be a gas, liquid or solid; or an odour; or an organism (whether alive or dead), including a virus; or energy, including noise, heat, radioactivity and electromagnetic radiation; or a combination of contaminants.
Contaminated Land Auditor	a contaminated land auditor is responsible for auditing the work of the suitably qualified person (SQP) by evaluating and certifying Contaminated Land investigation Documents that are submitted for a decision on a land contamination matter.
Environmentally problematic material	means material that will negatively impact water quality and stability or vegetation growth.
Flood stress	is the pressure on structures from rapid water rise, erosion, and saturation during extreme floods, risking instability.
Growth media	is defined as all soil and soil-like material that will support the final vegetation cover. This includes the topsoil and subsoil where these materials are applied independently. Where the topsoil is incorporated into the underlying subsoil/spoil, topsoil refers to the depth of incorporation and the remaining depth is regarded as subsoil. The total depth of growth media is nominally considered to be the effective plant root zone.
Gully	a gully is a channel excavated by water, more than 0.3 m deep.

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Independent AQP	is an AQP who is a third party, being independent of the PRCP schedule holder, and has not previously provided advice on the matter the subject of the review.
Independently peer reviewed	means a review which has been conducted by a peer reviewer who is a third-party to the PRCP schedule holder and the AQP whose report is being reviewed and substantiated. This peer reviewer shall also be an AQP and documentation provided must contain sufficient detail to allow for independent technical review and substantiation and provide and justify site-specific landform performance (SMART) criteria.
Potentially acid forming (PAF)	means material with either a Net Acid Producing Potential of greater than 5 kg of H_2SO^4/tonne or a Net Acid Generation oxidation pH of less than 4.5 (pH unit).
Probable Maximum Flood (PMF)	refer to definition provided in Australian Rainfall and Runoff (ARR) Guideline 2019 Book 8, chapter 6, 6.4.1 Design Context
Rehabilitation activity	means any activity that the holder is required to carry out in relation to this PRCP schedule.
Relevant material	includes: a) Final landform design report; b) “As Constructed” report; c) All monitoring data; d) Assessment of monitoring data; e) All maintenance records; and f) Modelling and technical assessments.
Relevant structure	to be defined during the assessment and listed here. Typically includes TSF and higher risk structures, including WRDs.
Rill	a rill is a channel excavated by water, less than 0.3 m deep.
Stable	in relation to land, means landform dimensions are or will be stable within tolerable limits now and in the foreseeable future. Stability includes consideration of environmental context, geotechnical stability, settlement and consolidation allowances, bearing capacity (trafficability), erosion resistance and geochemical stability with respect to seepage, leachate and related contaminant generation.
Stabilised	means one or both of the following conditions apply: a) no evidence of sediment movement; sides and/or

	b) floors of erosion form are revegetated (Australian Soil and Land Survey Field Handbook Fourth Edition).
Stable condition	see section 111A of the *Environmental Protection Act 1994*.
Suitably qualified person (SQP)	for performing a regulatory function under chapter 7, part 8 (Contaminated Land) of the EP Act or another function prescribed under a regulation, means a person who— a) Has qualifications and experience relevant to performing the function; and b) If a regulation prescribes an organisation for this paragraph—is a member of the organisation.
Vegetative groundcover	means plants, plant litter, tree leaf litter, twigs and woody debris capable of protecting the soil surface from erosion.
Weed	includes: • Category 3 restricted invasive plant species, defined by the Biosecurity Act 2014; and • Weeds of National Significance, defined by Invasive Plants and Animals Committee 2016, Australian Weeds Strategy 2017 to 2027, Australian Government Department of Agriculture and Water Resources, Canberra.

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Section C - Final site design and reference maps

Figure 1: Rehabilitation Areas and Improvement Areas

Figure 2: Final site design and land use

Figure 3: Rehabilitation monitoring sites

Figure 4. Surface water monitoring locations

Figure 5. Groundwater monitoring locations

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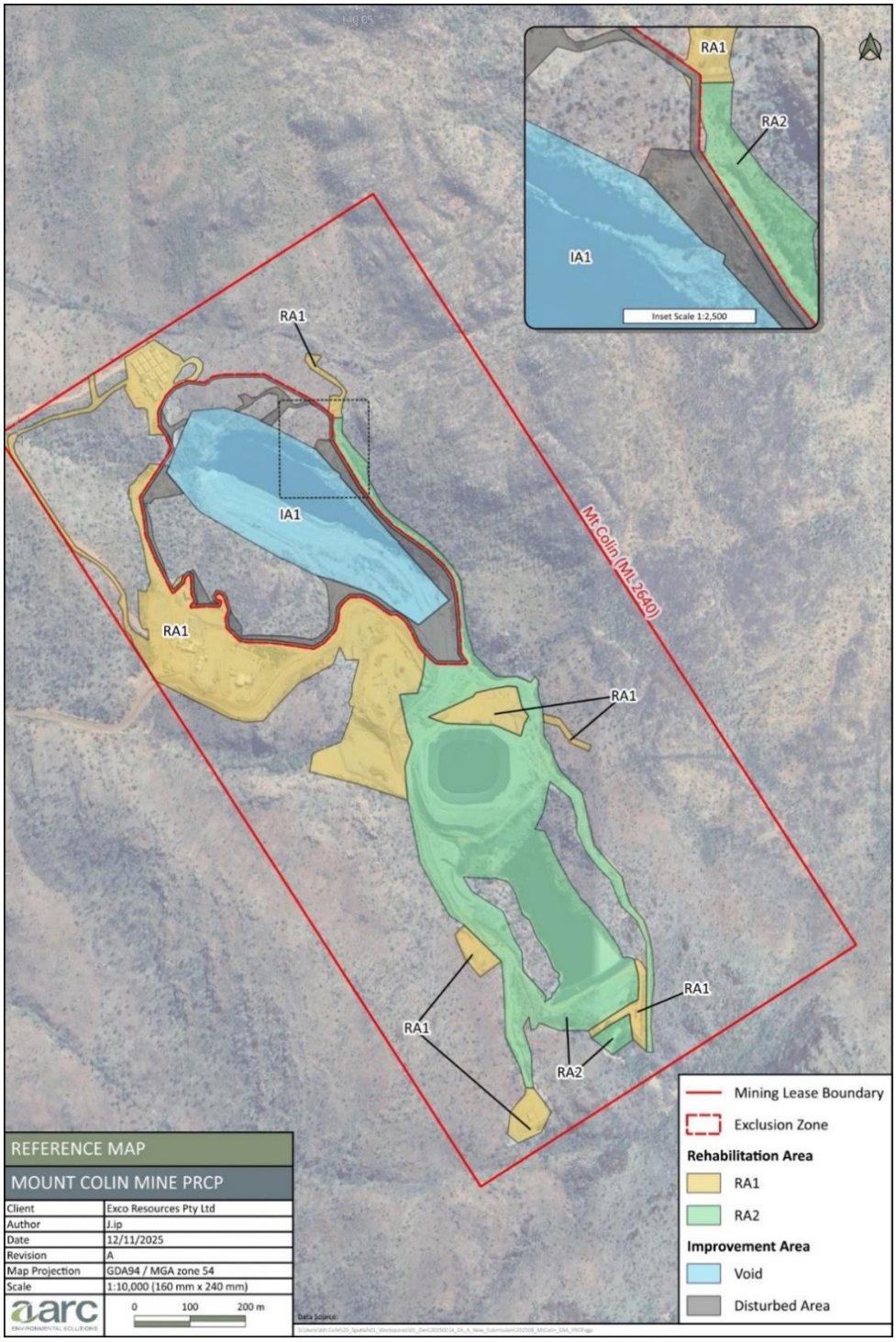

Figure 1: Rehabilitation Areas and Improvement Areas

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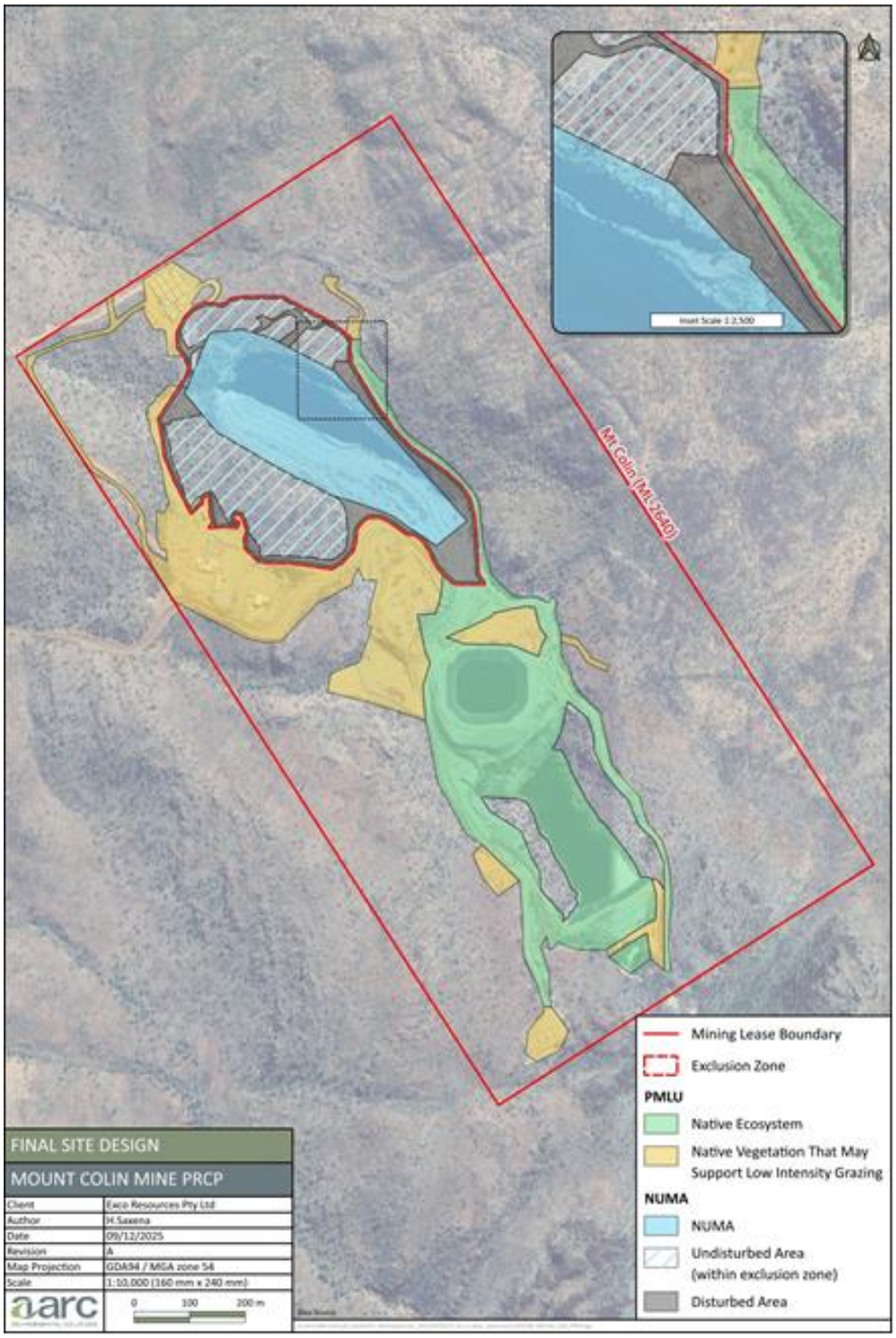

Figure 2: Final site design and land use

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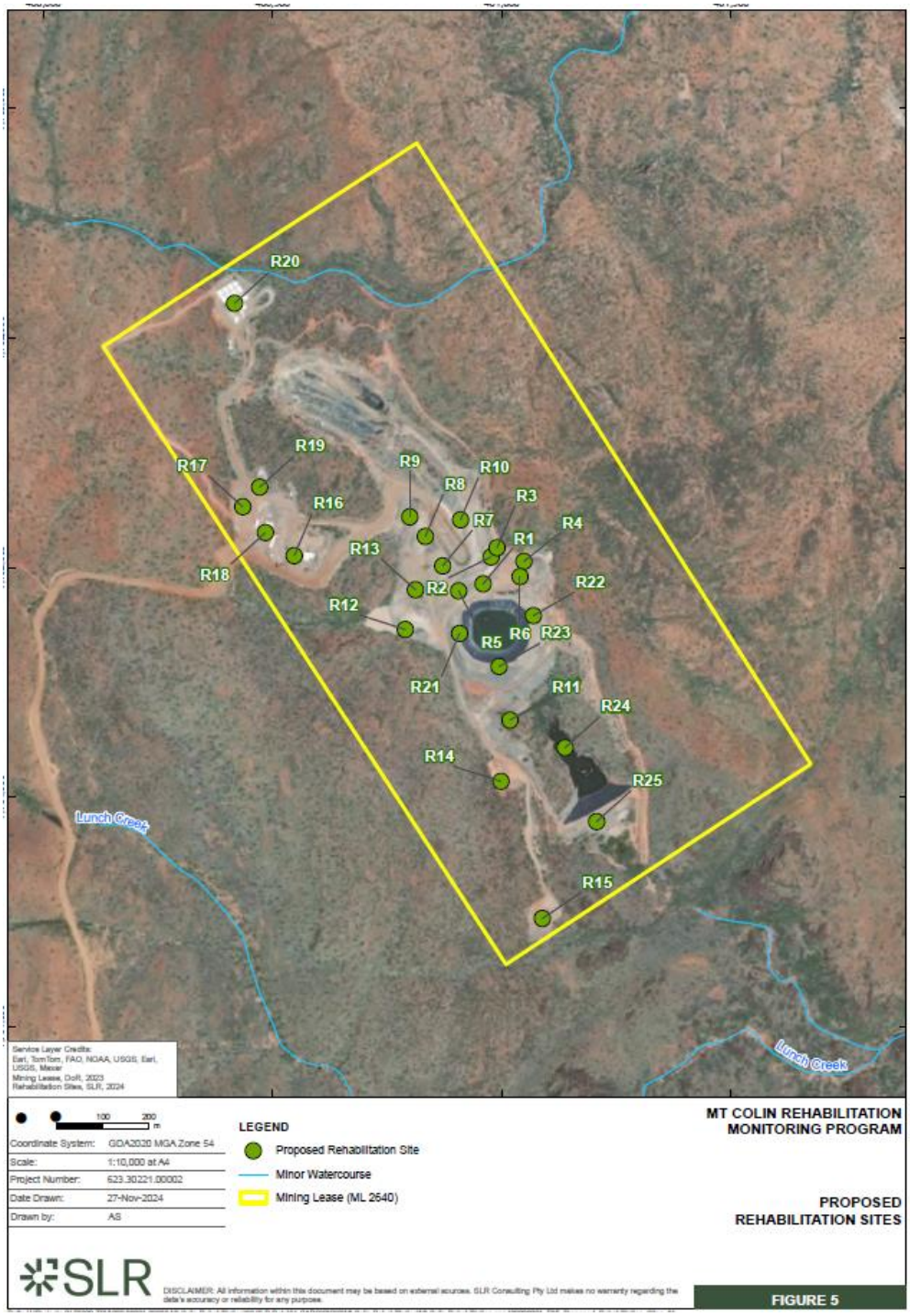

Figure 3: Rehabilitation monitoring sites

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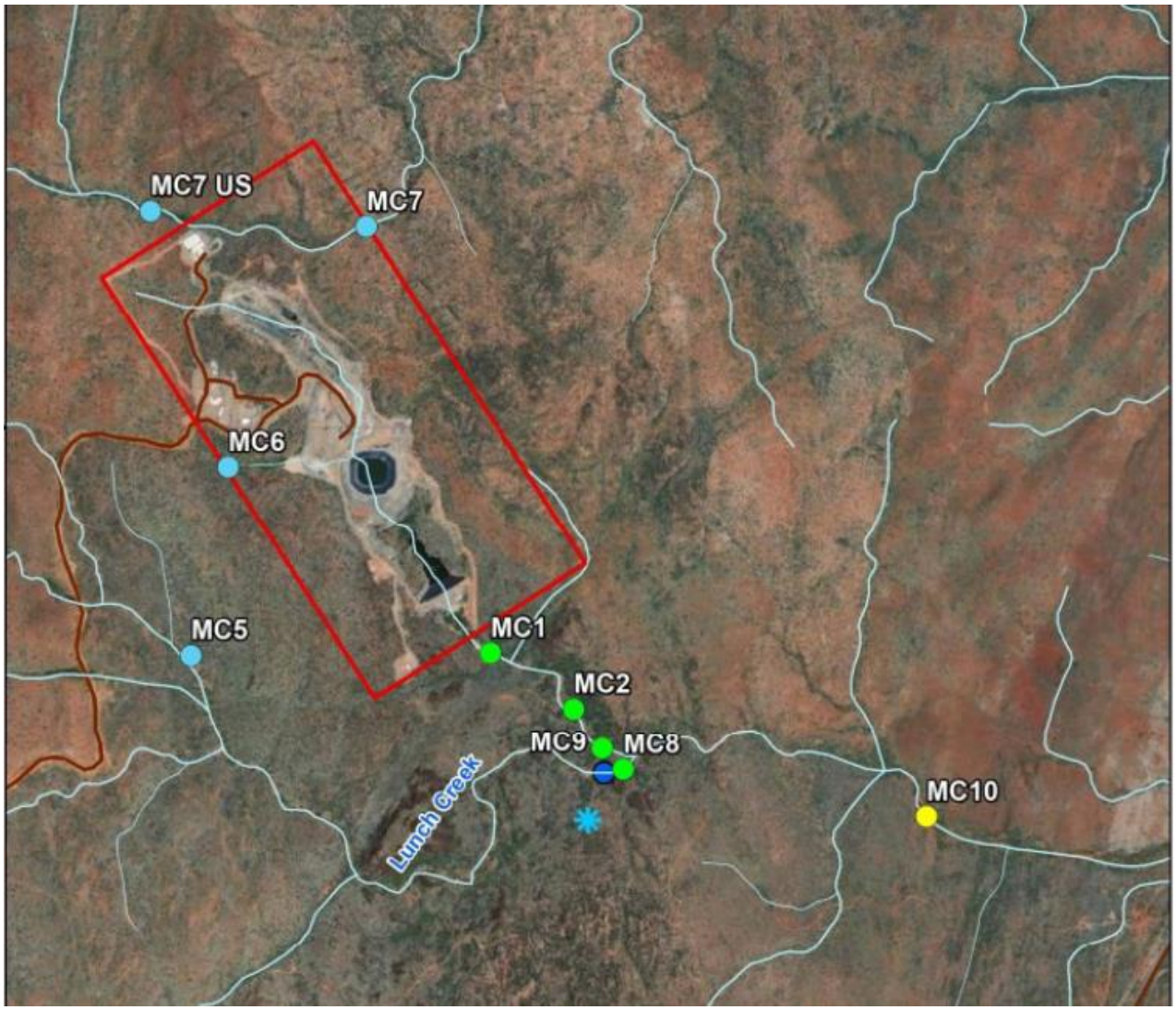

Figure 4: Surface water monitoring locations

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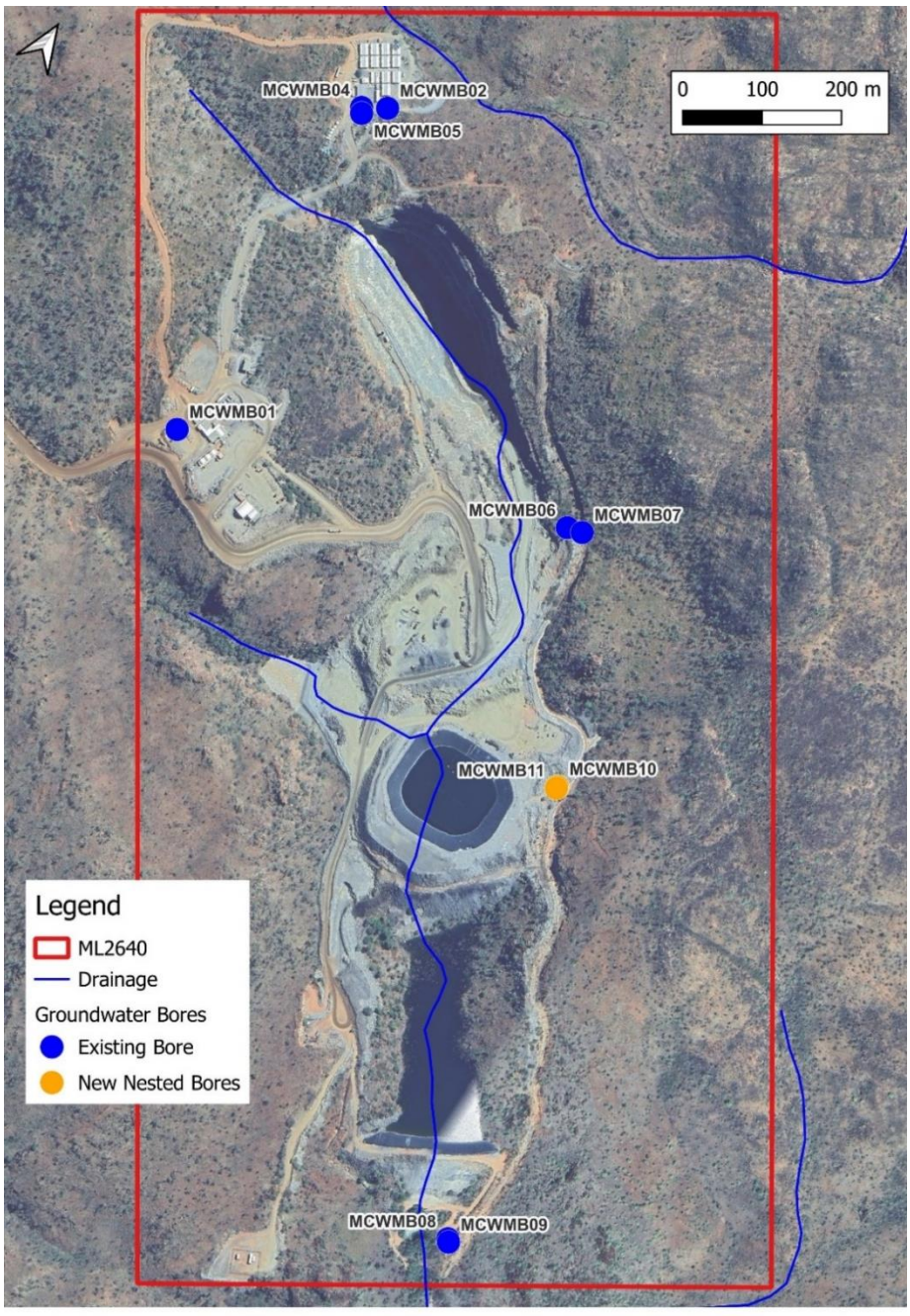

Figure 5: Groundwater monitoring locations

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Section C – Post mining land uses

(RA1) Rehabilitation area 1

Post-mining land uses (PMLU)								
Rehabilitation area	RA1							
Relevant activities	Associated infrastructure – Accommodation camp, camp road, explosives storage, fuel area, helipad, offices, stockpile area, STP Irrigation area, workshops, Run of Mine (ROM) Pad, Batch Plant , Laydown and Haul/Laydown							
Total rehabilitation area size (ha)	16.37							
Commencement of first milestone: RM1	10/12/2026							
PMLU	Native vegetation which may support low intensity grazing							
Date area is available	10/12/2026	10/12/2031	10/12/2036					
Cumulative area available (ha)	16.37	16.37	16.37					
Milestone completed by	10/12/2031	10/12/2036	10/12/2046					
Milestone Reference	**Cumulative area achieved (ha)**							
RM1	16.37							
RM2	16.37							
RM3	16.37							
RM4	16.37							
RM5		16.37						
RM6		16.37						
RM7			16.37					

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(RA2) Rehabilitation area 2

Post-mining land uses (PMLU)								
Rehabilitation area	RA2							
Relevant activities	Diversion Drains, Waste Rock Dump (WRD), West Mine Water Dam (WMWD), South Sediment Dam (SSD), SSD Sump and roads							
Total rehabilitation area size (ha)	13.31							
Commencement of first milestone: RM1	10/12/2026							
PMLU	Native Ecosystem							
Date area is available	10/12/2026	10/12/2031	10/12/2036					
Cumulative area available (ha)	13.31							
Milestone completed by	10/12/2031	10/12/2036	10/12/2046					
Milestone Reference	**Cumulative area achieved (ha)**							
RM1	13.31							
RM2	13.31							
RM3	13.31							
RM4	13.31							
RM5		13.31						
RM6		13.31						
RM7			13.31					

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Rehabilitation area milestones

Milestone reference	Rehabilitation milestone	Milestone criteria
RM1	Infrastructure decommissioning and removal	1.1 With the exception of any infrastructure to remain as part of the PMLU, the following are complete: (a) All services have been disconnected and removed; (b) All hardstand, concrete, bitumen and gravel removed; (c) All fencing and associated foundations removed; (d) All buildings and infrastructure removed; (e) All machinery and equipment, not required for rehabilitation works, removed; (f) All surface water drainage infrastructure removed; (g) All pipelines drained and removed; (h) All drillholes, bores, sumps and sediment ponds decommissioned; (i) Sewage drip lines have been removed; (j) A maximum of 133.6 megalitres (ML) of water from the WMWD, SSD and SSD sump have been injected into the underground workings of IA1 following confirmation that is compliant with PRCP15; (k) All waste disposed of lawfully; and (l) ROM pad excavated to 1m (or refusal), and benign material reused and surface recontoured. 1.2 Stock (cattle) access is excluded from RA1 and RA2. 1.3 Contaminated water and sediment removed from dams.

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Milestone reference	Rehabilitation milestone	Milestone criteria
RM2	Contaminated land assessment and remediation/removal	2.1 Contaminated Land investigations (investigation, remediation and validation) completed by an SQP in accordance with appropriate guidance, including but not limited to the ASC NEPM and National Remediation Framework (NRF). 2.1 Contaminated and hazardous material either remediated in-situ or removed/transported to a facility lawfully able to accept the material. 2.2 Contaminated Land Auditor certifies that no contamination unsuitable for the PMLU remains or is occurring.
RM3	Landform development, reshaping, reprofiling, and contours	3.1 Existing and proposed drainage structures (i.e. breaches from diversion drains) on site have been reviewed and endorsed by an AQP as appropriate to the landform, flow velocities, materials and PMLU, with consideration given to long term performance and stability in a post-closure context. 3.2 Specific assessment has been undertaken to determine that discharges of concentrated flow onto unconsolidated waste rock will not cause erosional instability. 3.3 All earthworks completed per final landform design and corresponding final landform design report as required by PRCP12, including: (a) All erosion and sediment control systems have been installed and functioning; (b) Bunds and check dams installed across contours; (c) No ponding or impoundment of overland flow; (d) Landforms reshaped to align with pre-mining contours; (e) WMWD infilled with non-acid forming (NAF) material and free draining; (f) WRD reprofiled with batter slopes < 25%, and water shedding surface with 1-3% fall; (g) SSD infilled, SSD embankment removed and the landform reshaped to a water shedding landform with maximum slopes < 25%, directing run-off towards the gully of the unnamed tributary of Lunch

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Milestone reference	Rehabilitation milestone	Milestone criteria
		Creek; and (h) SSD sump filled to a minimum level of 388 mAHD and free draining.
RM4	Surface Preparation	4.1 AQP has: (a) Assessed growth media characteristics; (b) Developed an amelioration and physical treatment plan, which ensures growth media is suitable for target vegetation establishment, to achieve the PMLU. 4.2 AQP has reviewed and certified the plan in RM 4.1 (b) and confirms that the growth media is suitable for target vegetation establishment, the PMLU and stability of the landform. 4.3 Ameliorants and physical treatments applied per RM4.1 (b). 4.4 All areas lightly scarified or ripped up to a depth of 300 mm (or refusal) to reduce compaction, encourage water capture and infiltration, mix subsoil with growth media, while reducing surface water run-off. Tyne spacing varied and dependent on slope. 4.5 Suitable growth media applied to a depth of 150 mm where required. 4.6 Representative soil testing of growth media confirms: (a) Soil pH 5-9; (b) Electrical Conductivity (saturated extract) (ECe) < 2 dS/m; (c) Exchangeable Sodium Percentage (ESP) < 6 %; and (d) Emerson Aggregate test >3. 4.7 The surface and groundwater monitoring network installed and monitoring is underway (one year of sampling undertaken).

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Milestone reference	Rehabilitation milestone	Milestone criteria	
		4.8	AQP certifies achievement of RM3.1 – 4.7.
RM5	Revegetation (planting/seeding)	5.1	Seeding/planting has been completed per **Table 2: Seed Mix and application rate.**
		5.2	Seeding/planting plants of local provenance and where not available from the same bioregion, from adjacent bioregions.
		5.3	Non-native seed must not be used for the revegetation (except when sterile cover crops are used).
		5.4	Appropriate erosion controls installed/placed and functioning as designed (as per AQP certified report) to ensure plant establishment is not significantly impacted from erosive events.
		5.5	Placement of large boulders (>2 metres width), boulders (61 centimetres (cm)– 2 metres) and stones (20 – 60 cm) to create rock crevices and hollows and fallen logs (>10 cm diameter) to align with reference sites and to manage erosion per Appendix K Rehabilitation Monitoring Program (Version No: v2.0 June 2023).
RM6	Achievement of surface requirements	6.1	Species used in revegetation remain present and show evidence of natural recruitment.
		6.2	Weeds comprise less than 10% of total vegetation cover.
		6.3	Total groundcover (combination of vegetative groundcover, other organic material (i.e. sticks, leaf litter) and inorganic material (i.e. rocks)) ≥ 70% of which 30% must be vegetative groundcover.
		6.4	With respect to erosion: (a) There is no 'moderate' or 'severe' erosion present as per **Table 1: Erosion classification framework**; (b) Any erosion present will not compromise the achievement of a PMLU to a stable condition; and (c) Erosion requiring intervention has been remediated and does not impact achieving the PMLU.
		6.5	There is no evidence of scouring, overtopping, sedimentation and/or destabilisation in or associated with

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Milestone reference	Rehabilitation milestone	Milestone criteria	
			erosion and sediment control (ESC) and engineered drainage structures.
		6.6	Temporary ESC structures have been removed.
		6.7	A BioCondition assessment is completed by an AQP using the methodology outlined in the latest version of the Queensland Herbarium's ''BioCondition Assessment Manual'.
		6.8	The BioCondition assessment completed under RM6.7 complies with the PRCP Benchmark for the PMLU being 20/60, as per **Table 3: BioCondition scores** for Rehabilitation Areas.
		6.9	Surface water runoff is on a trajectory towards achieving **Table 6: Surface water quality limits**.
		6.10	All corrective actions, including relocation of monitoring locations, weed control, erosion repair and livestock management, arising from the monitoring program have been completed within 30 business days of identification.
		6.11	Monitoring at the locations in **Figure 3: Rehabilitation monitoring sites** and **Table 4: Rehabilitation monitoring sites** will be utilised to demonstrate achievement of stable condition.
		6.12	AQP certifies achievement of RM 6.1 - 6.11.
RM7	Achievement of PMLU to stable condition	7.1	Any decommissioned diversion drains will not cause detrimental impact to other PMLUs (e.g., vegetative growth criteria or erosion goals).
		7.2	The land is structurally and erosionally stable.
		7.3	The final landform is geotechnically stable and achieved a factor of safety ≥ 1.5.
		7.4	Total groundcover (combination of vegetative groundcover, other organic material (i.e. sticks, leaf litter) and inorganic material (i.e. rocks)) ≥ 70% of which 50% must be vegetative groundcover.
		7.5	Weeds comprise less than 10% of total vegetation cover as confirmed by an AQP in annual monitoring.
		7.6	A BioCondition assessment is completed by an AQP using the methodology outlined in the latest

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Milestone reference	Rehabilitation milestone	Milestone criteria
		version of the Queensland Herbarium's 'BioCondition Assessment Manual'. **7.7** The BioCondition assessment completed under RM 7.6 above complies with the PRCP Benchmark for the PMLU being 30/60, as per **Table 3: BioCondition scores.** 7.8 AQP has assessed soil quality and determined that these parameters will not affect achievement of PMLU. 7.9 With respect to erosion: (a) There is no 'moderate' or 'severe' erosion present as per **Table 1: Erosion classification framework**; (b) Any erosion present will not compromise the achievement of a PMLU to a stable condition. All other erosion requiring intervention has been remediated and does not impact achieving the PMLU; and (c) No evidence of scouring, overtopping, sedimentation or destabilisation in or associated with erosion and sediment control and engineered drainage structures. 7.10 Surface water runoff is non-polluting to receiving waters and complies with **Table 5: Surface water quality limits**. 7.11 Surface water quality results monitored monthly during flow at, but not limited to, downstream locations specified in **Table 6: Surface water monitoring locations** must not exceed limits in **Table 5: Surface water quality limits** for a minimum of 5 consecutive years, prior to relinquishment. 7.12 If the surface water quality exceeds criteria 7.11, the applicable upstream site must be compared to the downstream site result; and quality result measured at a downstream site must be equal to or less than

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Milestone reference	Rehabilitation milestone	Milestone criteria
		the quality result measured at the applicable upstream site[1]. 7.13 All results from stream sediment quality should be monitored at, but not limited to, downstream monitoring sites in **Table 6: Surface water monitoring locations**, undertaken twice a year (at end of wet season and end of dry season) and comply with ANZECC/ARMCANZ (2000) Interim Sediment Quality Guidelines – low for a minimum of 5 consecutive years. 7.14 For a minimum of five consecutive years groundwater quality must be monitored quarterly at, but not limited to, compliance bores/locations specified in **Table 7: Groundwater monitoring bores**, for all quality characteristics listed in **Table 8: Groundwater quality limits**. 7.15 Groundwater quality does not exceed limits in **Table 8: Groundwater quality limits** for 3 consecutive monitoring results. 7.16 Safety hazards in the rehabilitation area are not significantly different to surrounding unmined landscapes subject to the same land use. 7.17 Final landform survey confirms no built structures remain. 7.18 Monitoring at the locations in **Figure 3: Rehabilitation monitoring sites** and **Table 4: Rehabilitation monitoring sites** will be utilised to demonstrate achievement of stable condition. For WRD only, in addition to RM7.1 – 7.18: 7.19 No evidence of PAF material. 7.20 Independent AQP certifies achievement of RM 7.1-7.19.

[1] For pH, the quality result measured at the downstream location must be within the prescribed range. However, where pH at the downstream location is greater-than (>) the highest limit in the range, the pH at the applicable upstream location must be greater-than or equal-to (≥) the downstream location. Conversely, where pH at the downstream location is less than (<) the lowest limit in the range, the upstream pH at the applicable upstream location must be less-than or equal-to (≤) the downstream location.

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Section D – Non-use management areas

(IA1) Improvement area 1

Non-use management area (NUMA)							
Improvement area	IA1						
Relevant activities	NUMA						
Total size (ha)	18.08						
Commencement of first milestone: MM1	10/12/2026						
NUMA	Residual Void (5.26 ha), Exclusion zone (12.82 ha) and Undisturbed area (6.07 ha, not included in total area)						
Date area is available	10/12/2026	10/12/2031					
Cumulative area available (ha)	12.01	12.01					
Milestone completed by	10/12/2031	10/12/2036					
Milestone Reference	**Cumulative area achieved (ha)**						
MM 1	12.01						
MM 2	12.01						
MM 3		12.01					
MM 4		12.01					
MM 5		12.01					

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Improvement area milestones

Milestone reference	Management milestone	Milestone criteria
MM1	Disturbed surface area improvement	1.1. Assessment of road surface by an AQP to determine whether the road surface requires removal to allow vegetation establishment sufficient to reduce erosion to a level comparable to immediate surrounds. 1.2. Road surfaces ripped to a depth of 300mm (or refusal). 1.3. An assessment by an AQP to confirm if growth media requires application of ameliorants and/or physical treatments in order to achieve vegetation establishment sufficient to reduce erosion to a level comparable to immediate surrounds. 1.4. Erosion of the landform within the NUMA area will not negatively impact on the stability of any adjacent rehabilitation areas, or their ability to sustain their PMLU. 1.5. Any seeding and fertilisers/ameliorants recommended as a result of the assessment have been applied at the rate recommended by the AQP. 1.6. Environmental values relating to the undisturbed land in the IA (**Figure 1: Rehabilitation Areas and Improvement Areas**) must be retained. 1.7. AQP has certified achievement of MM1.1 – 1.6.
MM2	Achievement of structural stability	2.1 Open pit landform: (a) Is geotechnically stable. (b) Is not constructed with dispersive material. (c) The final design has been completed by an AQP based on the latest flood and PMF modelling and materials data. 2.2 The open pit, safety bund or equivalent structure and Potential Instability Zone achieve a FoS ≥1.5.

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Milestone reference	Management milestone	Milestone criteria
		2.3 The residual void has not overtopped nor potentially contaminated any surface water bodies. 2.4 Erosion and sediment control measures have been installed and are operating as per design. 2.5 Final residual voids are subject to receiving inputs from floodwaters and not subject to inundation from floodwaters up to and including the 0.1% AEP. 2.6 The location of the voids and associated safety bunds does not cause instability or degradation to the land outside the NUMA. 2.7 AQP certifies achievement of MM2.1 – MM2.6.
MM3	Achievement of surface requirements	3.1 Safety bunds installed to construction design minimums being: (a) Constructed from non-weathered, non-dispersive rockfill, (b) Height minimum 2 m, (c) Base width minimum 5 m, (d) Crest width 0.5 m, and (e) Slopes 1H : 5V. 3.2 Where safety bunds have been replaced with equivalent infrastructure (e.g. fencing), the equivalent infrastructure has been certified by AQP as: (a) Achieving the same or better outcome as a safety bund with respect to excluding humans, livestock, and wildlife (however, wildlife are not to be excluded from the undisturbed land (6.07 ha)) from the hazardous area; (b) Being commensurate to the risks assessed and are appropriate for the purpose; (c) Not adversely impacting the environmental values of the undisturbed land (**Figure 1:**

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Milestone reference	Management milestone	Milestone criteria
		Rehabilitation Areas and Improvement Areas) totalling 6.07 ha; (d) Capable of withstanding PMF events; and (e) Compliant with requirements of the final landform design and a corresponding final landform design report, per PRCP12. 3.3 Where safety bunds have been replaced with equivalent infrastructure (e.g. fencing) there is a minimum of 5 m overlap between the safety bund and equivalent infrastructure. 3.4 Safety bunds or equivalent structures installed at the required geotechnical set-back distance, per AQP certification. 3.5 Human and stock access to the residual void is prohibited. 3.6 Warning signage, designed in accordance with Australian standards, posted every one hundred metres along the exclusion bund or equivalent structure. 3.7 Safety bund/ perimeter fencing installed around the perimeter as per **Figure 1: Rehabilitation Areas and Improvement Areas**. 3.8 Public restricted access via topographical features, gate, fencing, and safety bund. 3.9 Undisturbed land (totalling 6.07 ha) has been retained as shown in **Figure 1: Rehabilitation Areas and Improvement Areas.** 3.10 Independent AQP has certified achievement of MM3.1 – 3.9.
MM4	Implement Adaptive Management	4.1 Surface stability monitoring demonstrates that the zone of influence of the residual void does not exceed IA1 boundary. 4.2 Bunds or equivalent structures relocated as determined by AQP certified report. 4.3 The predictive groundwater modelling as per the *Australian Groundwater Modelling Guidelines* (current version) confirms that the residual void and underground workings are groundwater sinks and do not cause environmental harm beyond the tenure boundaries post-closure. 4.4 Adaptive management criteria have been reviewed to ensure long term residual void water volume and quality will be managed to avoid uncontrolled release and environmental impacts

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Milestone reference	Management milestone	Milestone criteria
		4.5 Independent AQP has certified achievement of MM4.1 – 4.4.
MM5	Achievement of sufficiently improved area - Safe, Stable, and Non-Polluting	5.1 Residual void water quality has not caused and will not cause long-term environmental harm to the surrounding environment as demonstrated by groundwater analysis and modelling. 5.2 The residual void and underground works act as a groundwater sink to the groundwater system and confirms with requirements of PRCP15. 5.3 The residual void will not present an unacceptable risk of environmental harm outside of the tenure boundary. 5.4 Risk from the void is as low as reasonably practical (ALARP) in accordance with the latest version of AS/NZS ISO 31000:2009 Risk Management. 5.5 The final landform is geotechnically stable. 5.6 Safety measures, including signage, fencing and safety bunds or equivalent structures, are in accordance with relevant legislation, appropriate, functioning and will continue to be operational post-closure. 5.7 Safety bunds, fencing or equivalent structures have not been impacted by ponding or impounded overland flow. 5.8 Erosion of the landform within the NUMA area will not negatively impact on the stability of any adjacent rehabilitation areas, or their ability to sustain their PMLU. 5.9 Disturbed areas, including roads and the ramp within the IA must achieve a total groundcover of 50%. 5.10 The environmental values of undisturbed land (totalling 6.07 ha, per **Figure 1: Rehabilitation Areas and Improvement Areas**) have not been adversely impacted. 5.11 An AQP has reviewed all relevant material and has certified via a technical report, that achievement of MM5.1 – MM5.10 is achieved.

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Section E – Tables

Table 1: Erosion classification framework

Erosion classification	Minor	Moderate	Severe
Sheet erosion	Shallow soil deposits downslope	Partial exposure of roots; moderate soil deposits downslope.	Loss of surface horizon; subsoil exposure; root exposure; substantial soil deposits downslope.
Rill	<15 rills/100m	15-30 rills/100m	>30 rills/100m
Gully erosion	Absent	Absent	Present
Tunnel erosion	Absent	Absent	Present
Mass movement	Absent	Absent	Present

Erosion form definitions: NCST (2024) *Australian Soil and Land Survey Field Handbook, 4th edition*. The National Committee on Soil and Terrain. CSIRO Publishing, Collingwood, Australia.

* Rill frequency assessed on the contour over entirety of rehabilitation area (not only features that intersect a monitoring transect).

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Table 2: Seed Mix and application rate

Species	Minimum application rate (kg /ha)	Location
Eucalyptus leucophylla	12 kg/ha	RA1,RA2 and road surfaces within IA1
Terminalia aridicola		
Acacia phlebocarpa		
Acacia lysiphloia		
Corymbia aparrerinja		
Acacia holosericea		
Cajanus sp.		
3P pasture sp. (native)		
Crotalaria medicaginea		
Carissa lanceolata		
Eucalyptus leucophylla		
Terminalia aridicola		
Dodonaea lanceolata		
Tephrosia sp.		
Corymbia dichromophloia		
Grevillea wickhamii		
Acacia monticola		

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Table 3: BioCondition scores

Regional Ecosystem BioCondition Attribute	Modified BioCondition attributes and weighting[1]	**Modified BioCondition RE 1.11.3b Reference Attribute Benchmarks**
Non-native plant cover (%)	10	0
Dominant canopy species present as regeneration (%)	5	100
Tree height	5	7
Native tree species richness	5	4
Native shrub species richness	5	4
Grass species richness*	5	8
Forbs and other species richness*	5	11
Native tree canopy cover (%)	5	8
Native shrub canopy cover (%)	5	56
Native perennial grass cover (%)	5	58
Organic litter ground cover (%)	5	6
Overall score required	**60**	
Score to achieve modified biocondition attribute for RM6	**Score ≥ 20/60**	

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Score to achieve modified biocondition attribute for RM7	**Score ≥ 30/60**	

1. Modified BioCondition score for a site can be calculated as score of the attributes. Refer to the BioCondition Manual for assessment methods and calculating an overall area-weighted score for the area of interest. Eyre T.J, Kelly, A.L, Neldner, V.J, Wilson, B.A, Ferguson, D.J, Laidlaw, M.J. and Franks, A.J. (2015) BioCondition: A Condition Assessment Framework for Terrestrial Biodiversity in Queensland. Assessment Manual Version 2.2 Queensland Herbarium, Department of Science, Information Technology, Innovation and Arts, Brisbane.

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Table 4: Rehabilitation monitoring sites

Domain		Approximate Size (ha)	Representative analogue sites	Proposed rehabilitation sites		
				Site name	Site location	
					Latitude	Longitude
WRD	Side batters	1.5 (total)	A3.1	R3	-20.778786	140.048753
			A3.2	R4	-20.779056	140.049315
	Top		A1.1 A1.2 A2.1 A2.2 A5.1 A5.1 A7.1 A7.1	R1	-20.779496	140.048457
				R2	-20.778968	140.048627
				R5	-20.779631	140.047943
				R6	-20.779356	140.049231
South sediment dam		8.5	A3.1	R11	-20.782183	140.049004
			A3.2	R24	-20.782731	140.050153
				R25	-20.784189	140.050807
West mine water dam		4.6	A1.1 A1.2 A2.1 A2.2 A5.1 A5.1 A7.1 A7.1	R21	-20.780469	140.047958
				R22	-20.780126	140.049507
				R23	-20.781124	140.048780
		9.6	A4.1 A4.2 A6.1	R7	-20.779137	140.047612
				R8	-20.778555	140.047253
				R9	-20.778169	140.046929
Ancillary infrastructure (ROM pad, roads, workshop, accommodation, diversion drains, exploration)			A6.2 A8.1 A8.2	R10	-20.778232	140.047992
				R12	-20.780385	140.046821
				R13	-20.779604	140.047038
				R14	-20.786089	140.049656
				R15	-20.783385	140.048808
				R16	-20.778919	140.044503
				R17	-20.778460	140.043969
				R18	-20.777888	140.043449
				R19	-20.777566	140.043788
				R20	-20.773945	140.043285
compliance groundwater monitoring bore		<1.0	NA – analogue site not required	NA – rehabilitation site not required		
Call point 4 groundwater bore		<1.0	NA – analogue site not required	NA – rehabilitation site not required		

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Table 5: Surface water quality limits

Quality Characteristic (unit)	Limit	Source
pH	6.0 – 8.5	Site-specific
Electrical Conductivity (field) (µS/cm)	782	Site-specific
Turbidity (NTU)	70	Site-specific
Sulfate	28	Site-specific
Nitrate	2.6	ANZG 2018
Aluminium (µg/L)	55	ANZG2018
Arsenic (µg/L)	13	ANZG2018
Boron (µg/L)	50	ANZG2018
Cadmium (µg/L)	0.2	ANZG2018
Chromium (µg/L)	1	ANZG2018
Cobalt (µg/L)	1.4	ANZG2018
Copper (µg/L)	19	Site-specific
Lead (µg/L)	3.4	ANZG2018
Manganese (µg/L)	600	Site-specific
Nickel (µg/L)	11	ANZG2018
Selenium (µg/L)	5	ANZG2018
Vanadium (µg/L)	6	ANZG2018
Zinc (µg/L)	22	Site-specific
Major Ions (mg/L) Calcium, chloride, potassium, magnesium, sodium, bicarbonate, carbonate	For interpretation purposes	
Hardness (mg/L)	For interpretation purposes	

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1. ANZG (2018) Aquatic ecosystem protection for moderately disturbed system (95% protection)
2. Site-specific limits derived from site-specific values from MC5, based on dissolved concentration of metals (95th percentiles).

- All metals and metalloids must be measured as 'dissolved' (from analysis of a field filtered sample) and total (unfiltered).
- Limits for metals and metalloids apply to dissolved results.

Table 6: Surface water monitoring locations

Monitoring Point	Stream	Short description	Description	Sampling regime	Latitude (decimal degree, GDA94)	Longitude (decimal degree, GDA94)
Upstream monitoring locations						
MC3US	Drainage feature of Lunch Creek	Upstream	Approximately 130 meters upstream of the new haul road. Replacement upstream site for MC3.	Surface water and Sediment	-20.798752	140.001148
MC5	Drainage feature of Lunch Creek	Upstream	Drainage west of the project site, which ultimately flows into Lunch Creek.	EA REMP	-20.785710	140.043112
MC7 US		Upstream				
MC6	Drainage feature of Lunch Creek	Downstream	Directly downstream of the mine infrastructure area.	EA REMP	-20.780268	140.044299
MC8	Drainage feature of Lunch Creek	Downstream	Additional surface water and sediment sites, located downstream of MC6 as a control site for MC9 and MC10.	Surface water and sediment	-20.789090	140.056378
Downstream monitoring locations						
MC3	Drainage	Downstream	5km from the project site, flows into the Lunch	EA REMP	-20.801986	140.000992

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Monitoring Point	Stream	Short description	Description	Sampling regime	Latitude (decimal degree, GDA94)	Longitude (decimal degree, GDA94)
	feature of Lunch Creek		Creek, just downstream of the new haul road.			
MC1	Drainage feature of Lunch Creek	Downstream	Additional surface water and sediment site, located immediately downstream of SSD Seep intercept.	Surface water and sediment	-20.785689	140.052325
MC2	Drainage feature of Lunch Creek	Downstream	Additional surface water and sediment site approximately 360, downstream of MC1 in an area that retains water further into the dry season. Located below the SSD Seep intercept.	Surface water and sediment	-20.787320	140.054871
MC4	Lunch Creek	Downstream	Lunch Creek, 3km downstream of the project site.	EA REMP	-20.788606	140.080313
MC7	Other	Downstream	Drainage in the northwest portion of the site, ultimately flows into Lunch Creek.	EA	-20.773344	140.048588
MC8		Downstream	Located downstream of MC6			
MC9	Drainage feature of Lunch Creek	Downstream	Additional surface water and sediment sites, located downstream of SSD Seep intercept.	Surface water and sediment	-20.788481	140.055738
MC10	Lunch Creek	Downstream	Additional REMP site, located downstream of MC9 and upstream of MC4 on Lunch Creek.	REMP	-20.790505	140.065698
MC11	Lunch Creek	Downstream	Additional REMP site approximately 1.6km	REMP	-20.792805	140.093498

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Monitoring Point	Stream	Short description	Description	Sampling regime	Latitude (decimal degree, GDA94)	Longitude (decimal degree, GDA94)
			downstream of MC4 on Lunch Creek.			

Table 7: Groundwater monitoring bores

Monitoring Bore	Hydrogeological Unit	Latitude (decimal degree, GDA94)	Longitude (decimal degree, GDA94)
MCWMB01	Calcsilicate (deep – 72 m)	-20.778548	140.043570
MCWMB02	Calcsilicate (deep – 105 m)	-20.774175	140.043617
MCWMB04	Calcsilicate (deep – 100 m)	-20.774327	140.043347
MCWMB05	Calcsilicate (shallow – 30 m)	-20.774382	140.043385
MCWMB06	Calcsilicate (deep – 100 m)	-20.777092	140.048190
MCWMB07	Calcsilicate (shallow – 30 m)	-20.777047	140.048373
MCWMB08	Calcsilicate (shallow – 30 m)	-20.784646	140.051621
New Nested bore – shallow MCWMB10	Shallow alluvium, or if not present, calcsilicate (shallow – 30 m)	-20.779636	140.049779
New Nested bore – deep MCWMB11	Calcsilicate (deep – 100 m)	140.049779	140.049779
For interpretation			
MCWMB09	Calcsilicate (deep – 100 m)	-20.784673	140.051649

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Table 8: Groundwater quality limits

Quality characteristic (units)	MCWMB01	All other bores
	Limit	Limit
pH	6.0 – 8.5	6.0 – 8.5
Electrical Conductivity (µS/cm)	1,791	1,425
Sulfate (mg/L)	See below table	
Nitrate	2.6*	
Aluminium (µg/L)	55*	55*
Arsenic (µg/L)	13*	13*
Boron (µg/L)	180	180
Cadmium (µg/L)	0.2*	0.2*
Chromium (µg/L)	1*	1*
Cobalt (µg/L)	18	8
Copper (µg/L)	16	16
Lead (µg/L)	3.4*	3.4*
Manganese (µg/L)	1900*	1900*
Nickel (µg/L)	30	30
Selenium (µg/L)	5*	5*
Vanadium (µg/L)	6*	6*
Zinc (µg/L)	40	40
Major ions (mg/L) Calcium, chloride, potassium, magnesium, sodium, bicarbonate, carbonate	Interpretation	Interpretation
Hardness (mg/L)	Interpretation	Interpretation
Water level (mAHD)	Interpretation	Interpretation

Notes:

*ANZG (2018) Aquatic ecosystem protection for moderately disturbed system (95% protection)

- All metals and metalloids must be measured as ‘dissolved’ (from analysis of a field filtered sample) and total (unfiltered).
- Limits for metals and metalloids apply to dissolved results.

PRCP schedule

Environmental Protection Act 1994

PRCP Schedule P-PRCP-100790466 Mt Colin

This PRCP schedule is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

- Site-specific limits derived from site-specific values, based on dissolved concentration of metals (95th percentiles).

Quality characteristic (units)	Monitoring Bore	Limit	Comment on limit
Sulfate (mg/L)	All bores, except MCWMB01, MCWMB02, MCWMB08	570	Site-specific
Sulfate (mg/L)	MCWMB01, MCWMB02,	20	Site-specific
Sulfate (mg/L)	MCWMB08	210	Site-specific

END OF **PRCP** SCHEDULE