

PRCP schedule

Environmental Protection Act 1994

P-PRCP-100728650

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

PRCP schedule: P-PRCP-100728650

PRCP schedule holders

Name(s)	Registered address
MINERAL PROJECTS PTY LTD	Level 15, 300 Queen Street Brisbane
TABLELAND RESOURCES PTY LTD	

Location details

Locations
ML2834, ML2833, ML2810, ML2831, ML2832, ML2811

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.



Signature

19 January 2026

Date

Giles Bezzina

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

Enquiries:

Minerals Business Centre
PO Box 7230, Cairns QLD 4870
Phone: (07) 4222 5352
Email: ESCairns@detsi.qld.gov.au

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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

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1 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
 - (b) when each rehabilitation milestone is to be achieved

General conditions

PRCP1 The holder must for each rehabilitation, achieve the corresponding rehabilitation milestone criterion (milestone reference):

- (a) for the cumulative area available specified in this schedule; and
- (b) by the milestone completion date specified in this schedule.

PRCP2 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 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, apply to the administering authority within sixty (60) days of the notification to amend this schedule in a way that maximises the progressive rehabilitation 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 and economical.
5. The dates by which milestones are to be completed is brought forward, to the extent it is reasonably practicable to do so, by the same amount of time as the commencement was brought forward.

PRCP3 Where an area achieves a rehabilitation milestone, the holder must continue to achieve the milestone criteria until a surrender is approved.

PRCP4 The holder must maintain a risk register that identifies the risks to not achieving:

- (a) a stable condition for post-mining land uses (PMLU); and

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- (b) how the risks are being managed or minimised.

PRCP5 The risk register (PRCP4) must be reviewed annually and include consideration of the outcomes of PRCP monitoring data.

PRCP6 The holder must carry out monitoring in accordance with:

- (a) the monitoring and maintenance program described in the rehabilitation planning part for the activity version 3;
- (b) any requirement under this schedule; and
- (c) as necessary to demonstrate achievement of each rehabilitation milestone or management milestone criteria.

Note: Where there is any inconsistency between this schedule and the rehabilitation planning part, the schedule criteria prevail to the extent of the inconsistency.

PRCP7 The holder must make and keep up to date records on:

- (a) Achievement and maintenance 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, QA/QC, photos, waste tracking and disposal records, appropriately qualified person 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 rehabilitation trials;
- (f) Designs, drawings, specifications and any similar documents developed in accordance with good professional practice in relation to rehabilitation milestones or 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 milestones or milestone criteria;
- (h) Landholder agreements; and
- (i) Details of community consultation in the community consultation register relating to rehabilitation and closure activities.
- (j) any other records that reasonably relate to rehabilitation.

PRCP8 Records made under PRCP7 must be kept until the relevant environmental authority has been surrendered.

PRCP9 Records made under PRCP7 must be provided to the administering authority in the specified format within 10 business days of a written request.

PRCP10 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.

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- PRCP11** Disturbance due to exploration activities in areas not authorised to be mined 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 1 Final Site Design**.
- PRCP12** Before commencing activities in areas defined as RA3 (overburden stockpile), detailed erosion modelling is required to be undertaken. WEPP and/or SIBERIA models are required to be completed in support of the Durability Report required by PRCP16. This modelling should demonstrate no exposure of encapsulated PAF will occur.
- PRCP13** By 15 October 2026, 9 months after PRCP Schedule approved, the holder must for each relevant structure provide to the administering authority an AQP prepared and peer reviewed, landform closure design report, which includes detailed engineering designs and a durability assessment
- PRCP14** The landform closure design report must at a minimum for the relevant structures 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, plateau, batters, access points, water management, and associated monitoring network;
 - (c) Quality assurance and quality control required during construction;
 - (d) How the cover system achieves a performance outcome equivalent to or better than the design provided in the PRC Plan dated October 2025;
 - (e) How the cover system performance will be demonstrated;
 - (f) How the landform achieves acceptable geotechnical and erosional stability;
 - (g) How the landform achieves an acceptable water quality outcome;
 - (h) How redundancy of the monitoring network has been identified and built into the final design;
 - (i) How the design, including the component parts supports the achievement of the nominated PMLU;
 - (j) How the design is consistent with the durability assessment;
 - (k) The critical design elements and associated assessment that support the achievement of a stable condition; and
 - (l) 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.
- PRCP15** The durability assessment required in PRCP13 must include:
- (a) Specified nominated design life of the component parts of the relevant structures including the cover, plateau, batters, access points and water management features;

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- (b) The systematic identification and analysis of potential failure modes for the component parts of the relevant structures (including the cover, plateau, 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.

PRCP16 The documents required under PRCP13 (detailed in PRCP14 and PRCP15) must be independently peer reviewed. Both the AQP and independent peer reviewer must provide a certification, that the landform closure design report is fit for purpose, prepared in accordance with good professional practice and if constructed as per the landform closure design report the rehabilitated landform will achieve a stable condition in a post-closure context.

PRCP17 Monitoring must be conducted equivalent to or better than the monitoring type and frequency as specified in the durability assessment required in PRCP15.

PRCP18 The currency of the landform closure design report, including the durability assessment must be maintained, and the report updated as often as necessary, to ensure that the relevant structures will achieve a stable condition that can be sustained. Where the report has been updated, the certifications provided under PRCP13 must also be provided in relation to the updates.

PRCP19 Prior to commencement of rehabilitation activities, kinetic testing is required to be completed including:

- (a) a column where PAF is encapsulated (i.e. NAF placed above and below PAF layer), and
- (b) a column where PAF is mixed with PAF at a ratio that may be expected under field conditions such as where these two materials are mixed during placement.

PRCP20 By 15 January 2029, three (3) years post approval of this schedule, the holder must complete a flood risk assessment that assesses all permanent structures and final landforms.

PRCP21 The flood risk assessment required under PRCP20 must:

- (a) Be prepared by an independent appropriately qualified person/s.
- (b) Evaluate flood behaviour for the final landform using a hydrologic and hydraulic model that incorporated:
 - i. 0.1% AEP and PMF events;
 - ii. Climate change incorporated flood estimation for relevant AEPs.

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- (c) Include a completed Consequence Category Assessment (CCA) prepared in accordance with the *Manual for assessing consequence categories and hydraulic performance of structures* (ESR/2016/1933) (the Manual) for all structures for which the Manual applies, including all dams and any embankment that remain part of the final landform.
- (d) Identify and recommend necessary design modifications or additional protection measures, including (but not limited to):
 - i. Erosion protection or armouring or high-velocity flow paths;
 - ii. Drainage realignment or elevation;
 - iii. Reshaping, stabilisation or buttressing of landform slopes;
 - iv. Freeboard or spillway modifications for all dams that remain as part of the final landform, if required to achieve hydraulic resilience.
- (e) Demonstrate that the final design achieves hydraulic stability, erosion resistance, and geotechnical integrity consistent with the assessed level of risk under the Manual and expected climatic conditions.

PRCP22 By 15 January 2029, three (3) years post this schedule approval, the holder must submit to the administering authority the report required under PRCP20 and PRCP21, with a certification by an independent AQP that:

- (a) Endorses the flood risk assessment;
- (b) Confirms the flood risk assessment is consistent with good professional practice and fit for purpose; and
- (c) Confirms support for the findings and recommendations.

PRCP23 If the certified risk assessment (PRCP20, PRCP21 and PRCP22) identifies requirements for new flood protection measures or modifications of existing structures, the holder must submit a design plan for any new or modified flood protection structure including levees/bunds to the administering authority, prepared by an RPEQ and certified by an appropriate-disciplined RPEQ, in the appropriate discipline, in accordance with the Manual and relevant guidelines.

PRCP24 If the certified risk assessment (PRCP20, PRCP21 and PRCP22) identifies requirements for new flood protection measures or modifications of existing structures, the holder must implement the new measures or modifications.

Note: Prior to the construction or modification of any new flood protection measures, the holder must ensure all relevant approvals are obtained.

END OF CONDITIONS

2 Section B – Definitions

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.
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.
BioCondition	refers to the <i>BioCondition Assessment Manual</i> (Eyre, T.J., Kelly, A.L., Neldner, V.J., Wilson, B.A., Ferguson, D.J., Laidlaw, M.J. and Franks, A.J. (2015)) and <i>BioCondition: A Condition Assessment Framework for Terrestrial Biodiversity in Queensland. Assessment Manual. Version 2.2</i> (Queensland Herbarium, Department of Science, Information Technology, Innovation and Arts, Brisbane) or later versions thereof.
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 site investigation and validation reports and drafting the site management plans that are submitted for a decision on a land contamination matter.
Ecosystem Altering Weeds	are invasive plants that have the capacity to change the character, condition, form or nature of ecosystems over a substantial area relative to the extent of that ecosystem. They can outcompete native species, alter habitats and/or change fire regimes, thereby negatively impacting biodiversity and ecosystem function.
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.
Independent AQP	is an AQP who is a third party, being independent of the PRCP schedule holder,

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	and has not previously provided advice on the matter the subject of the review.
Independently peer reviewed	means a peer reviewer who is a third-party to the PRCP schedule holder and the AQP whose report is being reviewed and substantiated. The 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 ₂ SO ₄ /tonne or a Net Acid Generation oxidation pH of less than 4.5 (pH unit).
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) Durability assessment/ report, (c) "As Constructed" report; (d) All monitoring data (e) Assessment of monitoring data, (f) All maintenance records; and (g) 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: no evidence of sediment movement; sides and/or floors of erosion form are revegetated (Australian Soil and Land Survey Field Handbook Fourth Edition).
Stable condition	see section 111A of the <i>Environmental Protection Act 1994</i> .
Suitably qualified and experienced 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

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	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	Non-native plants include: - 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.

3 Section C - Final site design and reference maps

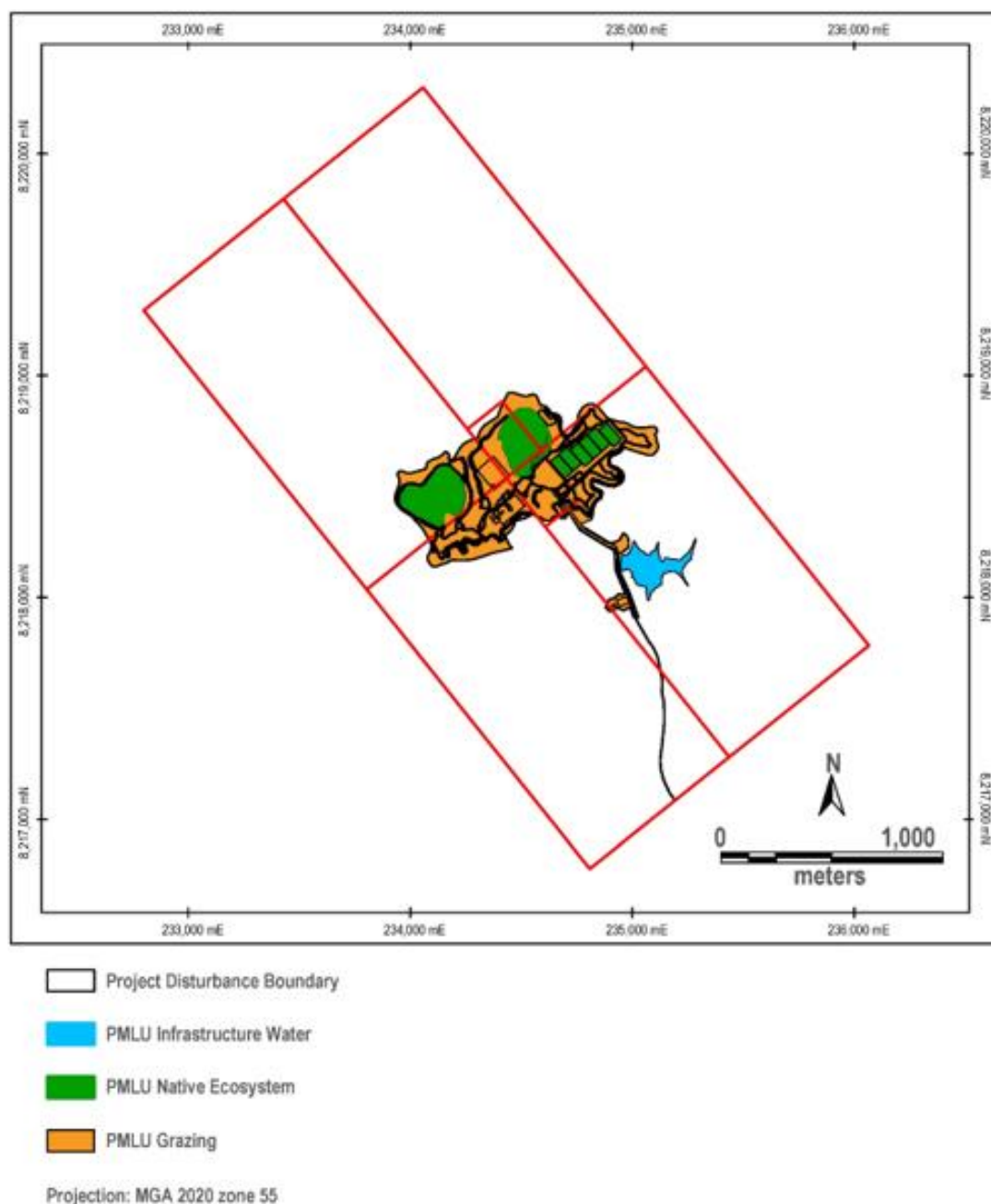


Figure 1 (a): final site design PMLUs

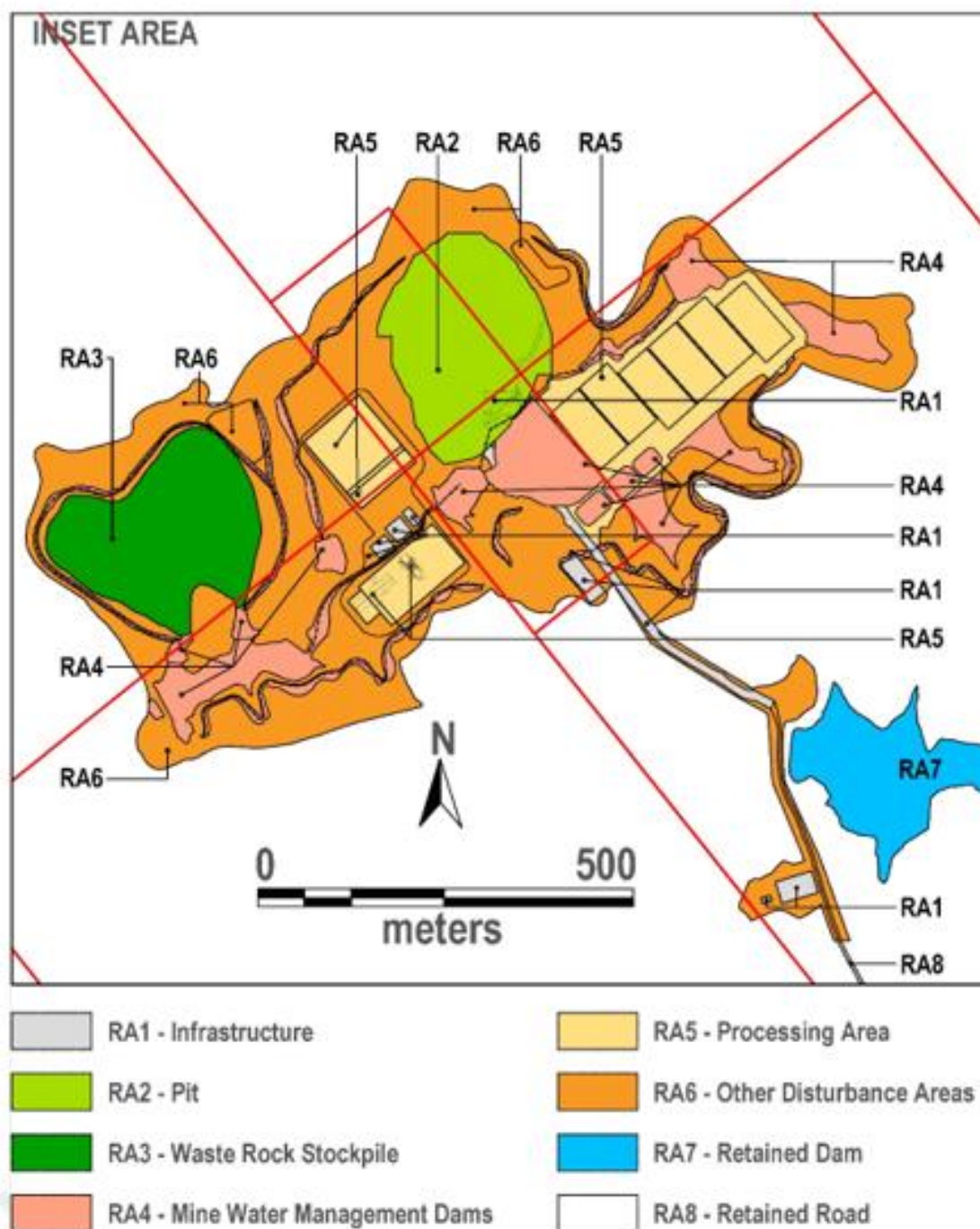
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Projection: MGA 2020 zone 55

Figure 1 (b): Final site design RAs

4 Section D – Post mining land uses

Milestone reference	Rehabilitation milestone	Rehabilitation Area							
		RA1	RA2	RA3	RA4	RA5	RA6	RA7	RA8
PMLU		Infrastructure	Pit	Stockpile	Dams	Processing	Other	Raw water dam	Roads
		Grazing	Native	Native	Grazing	Native	Grazing	Water Storage	Retained
RM 1	Decommissioning of infrastructure and other minor disturbance areas								
RM 2	Remediation of contaminated land								
RM 3	Landform Development and Reshaping/Reprofiling								
RM 4	Cover system								
RM 5	Surface preparation								
RM 6	Revegetation								
RM 7	Achievement of surface requirements								
RM 8	Achievement of post-mining land use to a stable condition								
RM9	Infrastructure handover								

(RA1) Rehabilitation area 1

Post-mining land uses (PMLU)			
Rehabilitation area		RA1	
Relevant activities		Infrastructure	
Total rehabilitation area size (ha)		0.9	
Commencement of first milestone: RM1		01/07/2031	
PMLU		Low-intensity cattle grazing	
Date area is available	1/07/2031	10/12/2033	10/12/2038
Cumulative area available (ha)	0.9	0.9	0.9
Milestone completed by	10/12/2033	10/12/2038	10/12/2042
Milestone Reference	Cumulative area achieved (ha)		
RM1	0.9		
RM2	0.9		
RM3	0.9		
RM5	0.9		
RM6	0.9		
RM7		0.9	
RM8			0.9

INSERT PRCP Schedule reference

(RA2) Rehabilitation area 2

Post-mining land uses (PMLU)				
Rehabilitation area	RA2			
Relevant activities	Pit			
Total rehabilitation area size (ha)	4.8			
Commencement of first milestone: RM2	01/07/2031			
PMLU	Native ecosystem			
Date area is available	1/07/2031	10/12/2033	10/12/2035	10/12/2042
Cumulative area available (ha)	4.8	4.8	4.8	4.8
Milestone completed by	10/12/2033	10/12/2035	10/12/2042	10/12/2057
Milestone Reference	Cumulative area achieved (ha)			
RM2	4.8			
RM3	4.8			
RM5	4.8			
RM6		4.8		
RM7			4.8	
RM8				4.8

INSERT PRCP Schedule reference

(RA3) Rehabilitation area 3

Post-mining land uses (PMLU)				
Rehabilitation area	RA3			
Relevant activities	Waste rock stockpiles (incorporating overburden stockpiles)			
Total rehabilitation area size (ha)	4.7			
Commencement of first milestone:RM2	01/07/2031			
PMLU	Native ecosystem			
Date area is available	1/07/2031	10/12/2033	10/12/2035	10/12/2042
Cumulative area available (ha)	4.7	4.7	4.7	4.7
Milestone completed by	10/12/2033	10/12/2035	10/12/2042	10/12/2057
Milestone Reference	Cumulative area achieved (ha)			
RM2	4.7			
RM3	4.7			
RM4	4.7			
RM5				
RM6		4.7		
RM7			4.7	
RM8				4.7

INSERT PRCP Schedule reference

(RA4) Rehabilitation area 4

Post-mining land uses (PMLU)				
Rehabilitation area	RA4			
Relevant activities	Mine Water Management Dams			
Total rehabilitation area size (ha)	5.6			
Commencement of first milestone: RM1	01/07/2031			
PMLU	Low-intensity cattle grazing			
Date area is available	1/07/2031	10/12/2033	10/12/2035	10/12/2040
Cumulative area available (ha)	5.6	5.6	5.6	5.6
Milestone completed by	10/12/2033	10/12/2035	10/12/2040	10/12/2045
Milestone Reference	Cumulative area achieved (ha)			
RM1	5.6			
RM2	5.6			
RM3	5.6			
RM5	5.6			
RM6		5.6		
RM7			5.6	
RM8				5.6

INSERT PRCP Schedule reference

(RA5) Rehabilitation area 5

Post-mining land uses (PMLU)				
Rehabilitation area	RA5			
Relevant activities	Processing Area			
Total rehabilitation area size (ha)	7.0			
Commencement of first milestone: RM1	01/07/2031			
PMLU	Native ecosystem			
Date area is available	1/07/2031	10/12/2033	10/12/2035	10/12/2042
Cumulative area available (ha)	7.0	7.0	7.0	7.0
Milestone completed by	10/12/2033	10/12/2035	10/12/2042	10/12/2057
Milestone Reference	Cumulative area achieved (ha)			
RM1	7.0			
RM2	7.0			
RM3	7.0			
RM5	7.0			
RM6		7.0		
RM7			7.0	
RM8				7.0

(RA6) Rehabilitation area 6

Post-mining land uses (PMLU)				
Rehabilitation area	RA6			
Relevant activities	Other Disturbance Areas			
Total rehabilitation area size (ha)	27.0			
Commencement of first milestone: RM1	01/07/2031			
PMLU	Low-intensity cattle grazing			
Date area is available	1/07/2031	10/12/2033	10/12/2035	10/12/2040
Cumulative area available (ha)	27.0	27.0	27.0	27.0
Milestone completed by	10/12/2033	10/12/2035	10/12/2040	10/12/2045
Milestone Reference	Cumulative area achieved (ha)			
RM1	27.0			
RM2	27.0			
RM3	27.0			
RM5	27.0			
RM6		27.0		
RM7			27.0	
RM8				27.0

INSERT PRCP Schedule reference

Post-mining land uses (PMLU)				
Rehabilitation area	RA7			
Relevant activities	Dams			
Total rehabilitation area size (ha)	3.5			
Commencement of first milestone: RM2	01/07/2031			
PMLU	Retained infrastructure (Water storage)			
Date area is available	1/07/2031	10/12/2033	10/12/2035	10/12/2040
Cumulative area available (ha)	3.5	3.5	3.5	3.5
Milestone completed by	10/12/2033	10/12/2035	10/12/2040	10/12/2045
Milestone Reference	Cumulative area achieved (ha)			
RM2	3.5			
RM3		3.5		
RM6			3.5	
RM9				3.5

INSERT PRCP Schedule reference

Post-mining land uses (PMLU)		
Rehabilitation area	RA8	
Relevant activities	Roads	
Total rehabilitation area size (ha)	19.7	
Commencement of first milestone: RM2	01/07/2031	
PMLU	Retained infrastructure (Roads)	
Date area is available	1/07/2031	10/12/2033
Cumulative area available (ha)	19.7	19.7
Milestone completed by	10/12/2033	10/12/2040
Milestone Reference	Cumulative area achieved (ha)	
RM2	19.7	
RM9		19.7

Rehabilitation area milestones

Milestone reference	Rehabilitation milestone	Milestone criteria
RM1	Infrastructure decommissioning and removal	<u>RA1, RA4, RA5, RA6, RA7, RA8</u> 1.1 With the exception of any infrastructure to remain as part of the post-mining land use (PMLU) or where infrastructure is agreed to be retained by the landholder as evidenced by a signed landholder agreement or for the purposes of rehabilitation, the following are completed and disposed of at an appropriate waste management facility: (a) All services disconnected, terminated and removed. (b) All buildings and associated infrastructure demolished and removed offsite. (c) All hardstand, concrete, bitumen and gravel removed. (d) All fencing and associated foundations removed. (e) All pipelines drained and removed. (f) All waste not authorised to be disposed of on-site under Environmental Authority EPML00881213 removed. (g) All surface water drainage/infrastructure removed. Erosion and sediment controls and clean water diversions required will remain until rehabilitation is complete. (h) All drillholes, bores, sediment ponds and sumps decommissioned. (i) All mining machinery and equipment, not required for rehabilitation works removed from site. (j) All dams dewatered, desilted; and liner removed. (k) Watercourse or drainage feature crossings and culverts removed. 1.2 An independent AQP has certified the achievement of RM1.1.
RM2	Identification, remediation and removal of contaminated land	<u>RA1, RA2, RA3, RA4, RA5, RA6, RA7, RA8 (All RAs)</u> 2.1 Contaminated land investigations (investigation, remediation and validation) completed by an SQP in accordance with appropriate guidance, including but not limited to the National Environment Protection (Assessment of Site Contamination) Measure (ASC NEPM) and National Remediation Framework (NRF). 2.2 Contaminated water and sediment removed from dams. 2.3 Contaminated and hazardous material either remediated in-situ or removed/transported to facility lawfully able to accept the material

		2.4 A contaminated land investigation document has been prepared by an SQP, containing a site suitability statement confirming that land is not contaminated and is suitable for the proposed PMLU.
RM3	Landform Development and Reshaping/Reprofiling	<u>RA1, RA2, RA3, RA4, RA5, RA6, RA7</u> 3.1 All major earthworks (including reshaping, pushing/trimming) are completed in accordance with the design specification provided by an AQP in accordance with PRCP13 and PRCP18. 3.2 Relevant structures developed and/or reshaped, such that they are consistent with the landform closure design report. 3.3 An “As-Constructed Report” prepared which details and justifies all variations to the design, including a certification that such variations will not affect the design performance. 3.4 Constructed landform achieves geotechnical stability with a Factor of Safety (FOS) ≥ 1.5, which includes consideration of flood stress. 3.5 Detailed engineering design completed by AQP for onsite waste disposal, surface contours and drainage. 3.6 Landforms shaped to be free draining, with no visible evidence of surface subsidence such as ponding water. 3.7 The landforms are shaped to be stable and water-shedding. 3.8 All erosion and sediment control systems have been installed and are functioning correctly. 3.9 Disturbed natural watercourse bed and banks returned to a natural condition with profile similar to the pre-disturbance condition. 3.10 Disturbed drainage features are returned to a natural condition, or, implemented around the final landforms to a condition that achieves natural drainage. 3.11 Any erosion or effects of subsidence remediated as per the latest version of the Subsidence Management Plan and to ensure maintenance of the baseline condition (latest assessed) as determined under condition PRCP14. <u>RA2 (Pit)</u> 3.12 The final pit landform is geotechnically stable. 3.13 The pit must be backfilled above groundwater standing water level. 3.14 No evidence of intermittent ponding. 3.15 The final landform surface is water-shedding. 3.16 Material used in backfilling is geochemically suitable for achieving safe, stable, non-polluting landform. 3.17 Final landform will have a Factor of Safety of 1.5 or greater. <u>RA4 (Mine Water Management Dams)</u> 3.18 All remaining water transferred out of structures and released in accordance with the conditions of EA EPML00881213.

		3.19 Any contaminated material within the base of the water management structures has been removed to an appropriate facility. 3.20 Dam walls have been decommissioned and removed. 3.21 Landform has been shaped to match surrounding landform. 3.22 All water remaining in mine water storages and sediment basins lawfully removed through: (a) evaporation; (b) onsite re-use; or (c) treatment and discharge, in accordance with water quality criteria consistent with downstream receiving environment conditions and in Appendix 5. Surface Water Quality Limits. <u>RA7 (Retained infrastructure (water storage))</u> 3.19 Removal of all embankments or structures impeding the flow of clean surface water, allowing reinstatement of the natural clean water runoff. 3.20 Terrain reprofiled with disturbed slopes of the final outer batters to be certified as stable by an appropriately qualified person. 3.21 Contaminated sediment, along with synthetic liners, removed and disposed of lawfully. 3.22 Landforms recontoured and stabilised to meet geotechnical stability standards. 3.23 All water storage structures are safe, stable and non-polluting and suitable for the achievement of the selected PMLU. 3.24 All areas intended as retained infrastructure water storage have been reshaped to final landform design. <u>RA1, RA2, RA3, RA4, RA5, RA6, RA7</u> 3.25 Independent AQP has surveyed the final landform and certified that RM3.1-3.24 have been achieved.
RM4	Installation of cover system	RA3 and RA5 4.1 Landform design and durability report has been reviewed and a detailed cover system design completed. 4.2 Cover system design and performance criteria based on level of environmental risk has been endorsed via an independent AQP peer review. 4.3 The cover system (store and release with vegetation) has been installed as per detailed AQP design required by PRCP14. 4.4 All potentially acid forming (PAF) material is located within an AQP designed and engineered cell, fully encapsulated in compacted non-acid forming (NAF) material. 4.5 The minimum depth from the final landform surface to compacted PAF is 20m. 4.6 Capping layer surface is water shedding and does not display surface ponding.

		4.7 The cover system displays erosional stability, is geotechnically stable and supports the PMLU. 4.8 The measured in-situ drainage flux from the cover system into the landform are <5% average annual rainfall. 4.9 The cover is effective in mitigating the potential for migration of contaminants to the receiving environment. 4.10 Independent AQP has surveyed the final landform and certified that RM4.1-4.9 have been achieved.
RM5	Surface preparation	RA1, RA2, RA3, RA4, RA5, RA6 5.1 Assessment of growth media characteristics and the development of an amelioration and physical treatment plan is completed by an AQP. 5.2 Ameliorant and physical treatments such as fertiliser, lime, gypsum and/or organic matter are applied as identified in criteria RM5.1. 5.3 Following amelioration as per criteria 5.1 and 5.2, representative soil testing of growth media confirms: (a) pH range 5.5-8.5; (b) Electrical Conductivity (saturated extract) <2,000 µs/cm; (c) Exchangeable sodium percentage (ESP) (%) < 6; (d) Emerson aggregate class: ≥3; (e) Organic matter >1.5%; and (f) Copper <270 mg/kg. 5.4 Topsoil/growth media placement of a minimum 0.2 m in areas where topsoil has previously been removed. 5.5 Deep ripping of compacted surfaces, at least 300 mm (or refusal) into soil/subsoil profile along contour of slopes. 5.6 The volumes, source and placement of topsoil and subsoil used in landform reshaping and construction will be recorded for reporting requirements. 5.7 The surface and groundwater monitoring network are installed, and monitoring is underway (one year of sampling undertaken). 5.8 The surface water monitoring is underway (one year of sampling undertaken). 5.9 Land preparation has achieved a surface that is commensurate with the identified completion RE's 5.10 Growth media health and suitability is assessed and documented by an AQP as suitable for the PMLU and target vegetation establishment. 5.11 Independent AQP has certified the plan in RM 5.1 and achievement of RM 5.2-5.10.
RM6	Revegetation	RA1, RA2, RA3, RA4, RA5, RA6, RA7

		6.1 Non-native seed must not be used for the revegetation of PMLU native ecosystem (except when sterile cover crops are used). Pasture seeds may be utilised for revegetation of PMLU grazing, as per Appendix 1. Species list and seeding rates for grazing PMLU. 6.2 Stock exclusion fencing has been established to prevent stock from grazing newly seeded areas. 6.3 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. 6.4 The seed mix does not incorporate deep rooting tree species in RA2 (pits) and RA3 (overburden stockpile and heap leach pads). <u>RA1 (Infrastructure) and RA4 (Mine Water Management Dams) Grazing PMLU</u> 6.5 Completed seeding with a selection of species and seeding rates listed in Appendix 1. Species list and seeding rates for grazing PMLU. 6.6 At least four species of 3P native pasture species, two native legumes and two native shade tree species from Appendix 1. Species list and seeding rates for grazing PMLU are applied per application area. 6.7 Minimum seeding rates of 8kg/ha of pasture seed and 8kg/ha of legume seed used. <u>RA2 (Pits), RA3 (Waste rock stockpiles) and RA5 (Processing area) Native PMLU</u> 6.8 Completed seeding and tubestock planting undertaken with a selection of native vegetation species and seeding rates in Appendix 2. Species list and seeding rates for native ecosystem PMLU. 6.9 Species chosen should reflect RE 9.11.3, 9.11.25 and 9.11.26. 6.10 Minimum total seeding rate of 20kg/ha. 6.11 Minimum total tubestock planting completed at a rate determined by an AQP / or 200 stems per ha. 6.12 An AQP is to implement appropriate measures to ensure nutrients in the form of total and available nitrogen and phosphorus are of suitable levels for the target vegetation. <u>RA7 (Retained (water storage))</u> 6.13 Banks re-vegetated with at least 1 species listed in Appendix 1. Species list and seeding rates for grazing PMLU <u>RA1, RA2, RA3, RA4, RA5, RA6, RA7</u> 6.14 Independent AQP has certified the achievement of RM6.1 to RM6.13
RM7	Achievement of surface requirement	<u>RA1, RA2, RA3, RA4, RA5, RA6</u> 7.1 Species used in revegetation remain present and show evidence of natural recruitment. Evidence of flora recruitment from rehabilitation monitoring data. 7.2 Weed presence is a less than 5% of total vegetative cover. 7.3 Weeds are being appropriately managed.

	7.4 Total vegetative groundcover $\geq 50\%$. 7.5 Total groundcover (combination of vegetative cover, other organic material (i.e. sticks, leaf litter) and inorganic material (i.e. rocks)) $\geq 70\%$. 7.6 No evidence of erosion classified as 'moderate' or 'severe' as defined by Appendix 4 – Erosion classification framework. 7.7 Any erosion present will not compromise the achievement of a PMLU to a stable condition. 7.8 Erosion requiring intervention has been remediated and does not impact achieving the PMLU. 7.9 Corrective action arising from the routine inspections program have been undertaken. 7.10 Surface water runoff collected across representative areas of rehabilitation when surface flows occur complies with Appendix 5 – Surface water quality limits. 7.11 The growth media (topsoil and subsoil) physical, chemical and biological properties does not limit vegetation cover performance or restrict the potential effective depth of rooting. <u>RA1 (infrastructure) and RA4 (Mine Water Management Dams) Grazing PMLU</u> 7.12 At least 50% of established vegetative groundcover, with a PMLU of grazing, are species listed in Appendix 1. Species list and seeding rates for grazing PMLU. 7.13 Minimum vegetation composition (per hectare (averaged)) of: (a) four species of 3P native pasture species; (b) two native legumes; and (c) Two native shade tree species, present per hectare. <u>RA2 (Pits), RA3 (Waste rock stockpiles) and RA5 (Processing area) Native PMLU</u> 7.14 A BioCondition assessment completed in accordance with latest version of Queensland Herbarium's BioCondition Assessment Manual determine that the PMLU has reached a BioCondition score of 15/60 as per Appendix 3. BioCondition Benchmark Criteria. 7.15 Native fauna identified on the ML prior to mining are present or indicators of these species have been recorded. 7.16 Fauna survey observation provides evidence of native fauna utilisation i.e., fauna spotting, scats, and tracks recorded. <u>RA1, RA2, RA3, RA4, RA5, RA6</u> 7.17 Erosion and sediment controls and clean water diversions required during rehabilitation are decommissioned and removed. 7.18 Independent AQP certifies achievement of RM 7.1-7.17.
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RM8	Achievement of target PMLU vegetation and stable landform PMLU achieved	RA1, RA2, RA3, RA4, RA5, RA6 8.1 Safety hazards in the rehabilitation area are not significantly different to surrounding unmined landscapes subject to the same land use. 8.2 The land is structurally and erosionally stable. 8.3 Land is geotechnically stable and suitable for relevant PMLU. 8.4 Absence of ecosystem altering weeds. 8.5 Retained water storage have begun quarterly sampling, continued for five (5) consecutive years. 8.6 The final landform surface is water-shedding with no visible evidence of surface subsidence such as ponding water. 8.7 Certification from an AQP that the landform has achieved a factor of safety greater than 1.5. 8.8 Final landform survey confirms no built structures remain other than those that form part of a landholder agreement. 8.9 No evidence of erosion classed as 'Moderate' or 'Severe' as defined by Appendix 4 – Erosion classification framework. 8.10 Any erosion present will not compromise the achievement of a PMLU to a stable condition. 8.11 Erosion requiring intervention has been remediated and does not impact achieving the PMLU. 8.12 No evidence of scouring, overtopping, sedimentation or destabilisation in or associated with erosion and sediment control and engineered drainage structures. 8.13 There is no evidence of salt accumulation on the surface of the overburden stockpile, heap leach pads, or pit. 8.14 Soil testing of the growth media confirms the topsoil and subsoil physical, chemical and biological properties are not limiting vegetation cover performance (e.g. nutrient availability, drought stress). 8.15 Final landform survey confirms no built structures remain other than those that form part of a landholder agreement. 8.16 Any seepage from rehabilitated landform complies with Appendix 8. Groundwater Quality Limits 8.17 Trees are, on average, at least 2 m tall (other than areas where tall tree species are removed from the seed mix). 8.18 Weed presence is less than 10% of total vegetative cover. 8.19 Restricted invasive plants (as defined in the Biosecurity Act 2014) comprise ≤10% of vegetation groundcover. 8.20 Vegetative groundcover, floristic composition and bare areas are statistically ($P < 0.05$) comparable to 9.11.3, 9.11.25 and 9.11.26. 8.21 Surface water runoff complies with Appendix 5. Surface water quality limits. 8.22 Surface water quality results monitored monthly during flow at, <i>but not limited to</i>, downstream locations specified in Appendix 6. Surface water monitoring locations and Figure 2. Surface water monitoring locations, must not exceed the limits in Appendix 5. Surface water quality limits, for a minimum of 5 consecutive years, immediately prior to the milestone completion date.
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		8.23 If the surface water quality exceeds criteria RM8.22, the applicable upstream/reference site must be compared to the downstream site result; and quality result measured at a downstream site must be equal to or less than the quality result measured at the applicable upstream/reference site¹. 8.24 For a minimum of five consecutive years, immediately prior to the milestone completion date, groundwater quality must be monitored quarterly at, <i>but not limited to</i>, compliance bores/locations specified in Appendix 7. Groundwater monitoring bores and Figure 3. Groundwater Monitoring Locations, for all quality characteristics listed in Appendix 8 – Groundwater quality limits. 8.25 Groundwater quality results must not exceed the limits in Appendix 8 – Groundwater quality limits, for 3 consecutive results. 8.26 Groundwater level is monitored quarterly and for a minimum of 5 consecutive years. <u>RA1 (Infrastructure) and RA4 (Mine Water Management Dams) Grazing PMLU</u> 8.27 Assessment of land condition and carrying capacity demonstrates a sustainable grazing outcome has been achieved. <u>RA2 (Pits), RA3 (Waste rock stockpiles) and RA5 (Processing area) Native PMLU</u> 8.28 A BioCondition assessment completed in accordance with latest version of Queensland Herbarium's BioCondition Assessment Manual determine that the PMLU has reached a BioCondition score of 30/60 as per Appendix 3. BioCondition Benchmark Criteria. 8.29 Areas of PMLU native ecosystem show evidence that fauna species identified pre-mining are present or habitat of these species is present such that the ecosystem will be sustained. <u>RA1, RA2, RA3, RA4, RA5, RA6</u> 8.30 Independent AQP certifies achievement of RM 8.1-8.29.
RM9	Retained infrastructure handover (Raw Water Dam 1 and roads)	RA7, and RA8 9.1 Water storages monitored quarterly must not exceed the limits in Appendix 5 - Surface water quality limits, for a minimum of five (5) consecutive years. 9.2 Infrastructure to be transitioned to a future landholder is: (a) Suitable in type and scale for the approved post-mine land use; (b) Verified by an AQP as fit for purpose and;

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.

INSERT PRCP Schedule reference

		(c) Accepted by signed agreement with the future landholder. 9.3 An AQP certifies that all infrastructure to be retained onsite is safe, stable and will not cause environmental harm.
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Appendix 1. Species list and seeding rates for Grazing PMLU

	Scientific Name	Common Name	Seeding rate (kg/ha)
Native Grasses	Heteropogan spp	speargrass	8 kg/ha
	<i>mnesithea rottboellioides</i>	Northern Cane-Grass	
	<i>themedra triandra</i>	Kangaroo Grass	
	Aristida spp		
	<i>Astrebla squarrosa</i>	Mitchell Grass	
	<i>Dichanthium sericeum</i>	Bluegrass	
	<i>Schizachyrium spp</i>	firegrass	
Pasture Grasses	<i>Lolium perenne</i>	Ryegrass	
	<i>Chloris gayana</i>	Rhodes grass	
Shrubs	Denhamia cunninghamii	yellowberry bush	
	Gardenia vilhelmii	breadfruit	
	Petalostigma spp		
	Persoonia falcata	Wild Pear	
	Grevillea spp		
Legumes	<i>Acacia</i> spp		
	<i>Glycine Hardenbergia</i>	Purple coral pea	
	<i>Clitoria ternatea</i>	butterfly pea	
	<i>Leucaena leucocephala</i>	Leucaena	
Trees	Eucalyptus cullenii	Cullen's ironbark	
	Corymbia clarksoniana	Clarkson's bloodwood	
	Erythrophleum chlorostachys	Cooktown ironwood	
	C. erythrophloia	Red bloodwood	
	C. dallachiana	Dallachy's gum	

Note: Other species per RE 9.11.3, 9/11/25 and 9/11/26 may also be used, where available.

INSERT PRCP Schedule reference

Appendix 2. Species list and seeding rates for native ecosystem PMLU

	Scientific Name	Common Name	Seeding rate (kg/ha)
Native Grasses	Heteropogan spp	speargrass	20 kg/ha
	mnesithea rottboellioides	Northern Cane-Grass	
	themeda triandra	Kangaroo Grass	
	Aristida spp		
	Dichanthium sericeum	Bluegrass	
	Schizachyrium spp	firegrass	
Shrubs	Denhamia cunninghamii	yellowberry bush	
	Gardenia vilhelmii	breadfruit	
	Petalostigma spp		
	Persoonia falcata	Wild Pear	
	Grevillea spp		
Trees	Eucalyptus cullenii	Cullen's ironbark	
	Corymbia clarksoniana	Clarkson's bloodwood	
	Erythrophleum chlorostachys	Cooktown ironwood	
	C. erythrophloia	Red bloodwood	
	C. dallachiana	Dallachy's gum	

Appendix 3. BioCondition Benchmark Criteria for 9.11.3a and 9.11.25

Regional Ecosystem BioCondition attribute	Weighting	Reference benchmark 9.11.3a	Indicative benchmark for RM7($\geq 15/60$)	BioCondition score	Indicative benchmark for RM8 ($\geq 30/60$)	BioCondition score
Recruitment	5	100%	0	0	20%	3
Non-native plant cover (%)	10	0%	<25%	5	<25%	5
Tree height (m)	5	11m	0m	-	>5m	3
Native tree species richness	5	3	>1	3	>2	3
Native shrub species richness	5	7	>1	3	>3	3
Grass species richness*	5	8	>2	3	>4	3
Forbs and other species richness*	5	8	>2	3	>4	3
Native tree canopy cover (%)	5	30%	>5%	2	>15%	5
Native shrub canopy cover (%)	5	1%	>0.2%	3	>0.5%	3
Native perennial grass cover (%)	5	30%	>7.5%	3	>15%	3
Organic litter ground cover (%)	5	21%	0%	-	>10%	3
Overall score required out of a total of 60	60			Overall Assessable weighting score >15		Overall Assessable weighting score >30

INSERT PRCP Schedule reference

Regional Ecosystem BioCondition attribute	Weighting	Reference benchmark 9.11.25	Indicative ¹ benchmark for RM7(≥15/60)	BioCondition score	Indicative ¹ benchmark for RM8 (≥30/60)	BioCondition score
Recruitment	5	100%	0	0	20%	3
Non-native plant cover (%)	10	0%	<25%	5	<25%	5
Tree height (m)	5	11m	1.5m	-	>5.5m	3
Native tree species richness	5	3	>2	3	>2	3
Native shrub species richness	5	8	>2	3	>4	3
Grass species richness*	5	7	>2	3	>3	3
Forbs and other species richness*	5	6	>1	3	>3	3
Native tree canopy cover (%)	5	45%	>10%	2	>22.5%	5
Native shrub canopy cover (%)	5	6%	>1%	3	>5%	3
Native perennial grass cover (%)	5	28%	>7%	3	>14%	3
Organic litter ground cover (%)	5	16%	4%	-	>8%	3
Overall score required	60			Overall Assessable weighting score >15		Overall Assessable weighting score >30

¹A site's total BioCondition score can be comprised of different attribute scores but must meet or exceed the minimum (modified) BC score for the relevant milestone.

INSERT PRCP Schedule reference

Appendix 4. 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).

Appendix 5. Surface Water Quality Limits

Quality characteristic (units)	Limit	Comment on limit
pH	6.5-8.5	Site-specific
Electric Conductivity (µS/cm)	670	Site-specific
Total Suspended Solids (mg/L)	12	Site-specific
Sulphate (mg/L)	4	Site-specific
Fluoride (mg/L)	0.5	Site-specific
Aluminium - dissolved (µg/L)	55	ANZG 2018
Arsenic - dissolved (µg/L)	13	ANZG 2018
Boron – dissolved (µg/L)	20	Site-specific
Cadmium - dissolved (µg/L)	0.2	ANZG 2018
Chromium - dissolved (µg/L)	1	ANZG 2018
Copper – dissolved (µg/L)	30	Site-specific
Manganese – dissolved (µg/L)	32	Site-specific
Nickel - dissolved (µg/L)	11	ANZG 2018
Selenium - dissolved (µg/L)	5	ANZG 2018
Silver - dissolved (µg/L)	0.05	ANZG 2018
Zinc - dissolved (µg/L)	8	ANZG 2018
Total recoverable hydrocarbons (C6-C9) (µg/L)	20	
Total recoverable hydrocarbons (C10-C36) (µg/L)	100	
Major ions (mg/L)	For interpretation purposes	

INSERT PRCP Schedule reference

Calcium, chloride, potassium, magnesium, sodium, bicarbonate, carbonate		
Hardness (mg/L)	For interpretation purposes	

Notes:

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

Appendix 6. Surface Water Monitoring Locations

Monitoring Locations	Receiving Waters Location Description	Latitude (decimal degree, GDA2020)	Longitude (decimal degree, GDA2020)
<i>Upstream monitoring locations</i>			
S7	South creek upstream	-16.10302	144.51483
S13	South creek upstream	-16.10468	144.51598
AQ01	North creek upstream	-16.095052	144.516827
AQ05	South creek upstream	-16.114068	144.524454
AQ06	Gum creek upstream	-16.123854	144.527052
<i>Downstream monitoring locations</i>			
S5	Drainage line downstream of waste rock dump	-16.100888	144.516173
S6	Drainage line downstream – settling dam	-16.101186	144.515221
S9	Drainage line downstream – sump	-16.101854	144.5140622
S11	South creek downstream	-16.10205	144.5127
S12	South creek downstream	-16.10162	144.51074
S14	South creek downstream	-16.101356	144.506168
AQ02	North creek downstream	-16.097754	144.504558
AQ03	Gum creek downstream	-16.09924	144.50487

INSERT PRCP Schedule reference

Figure 2 (a). Surface water monitoring locations

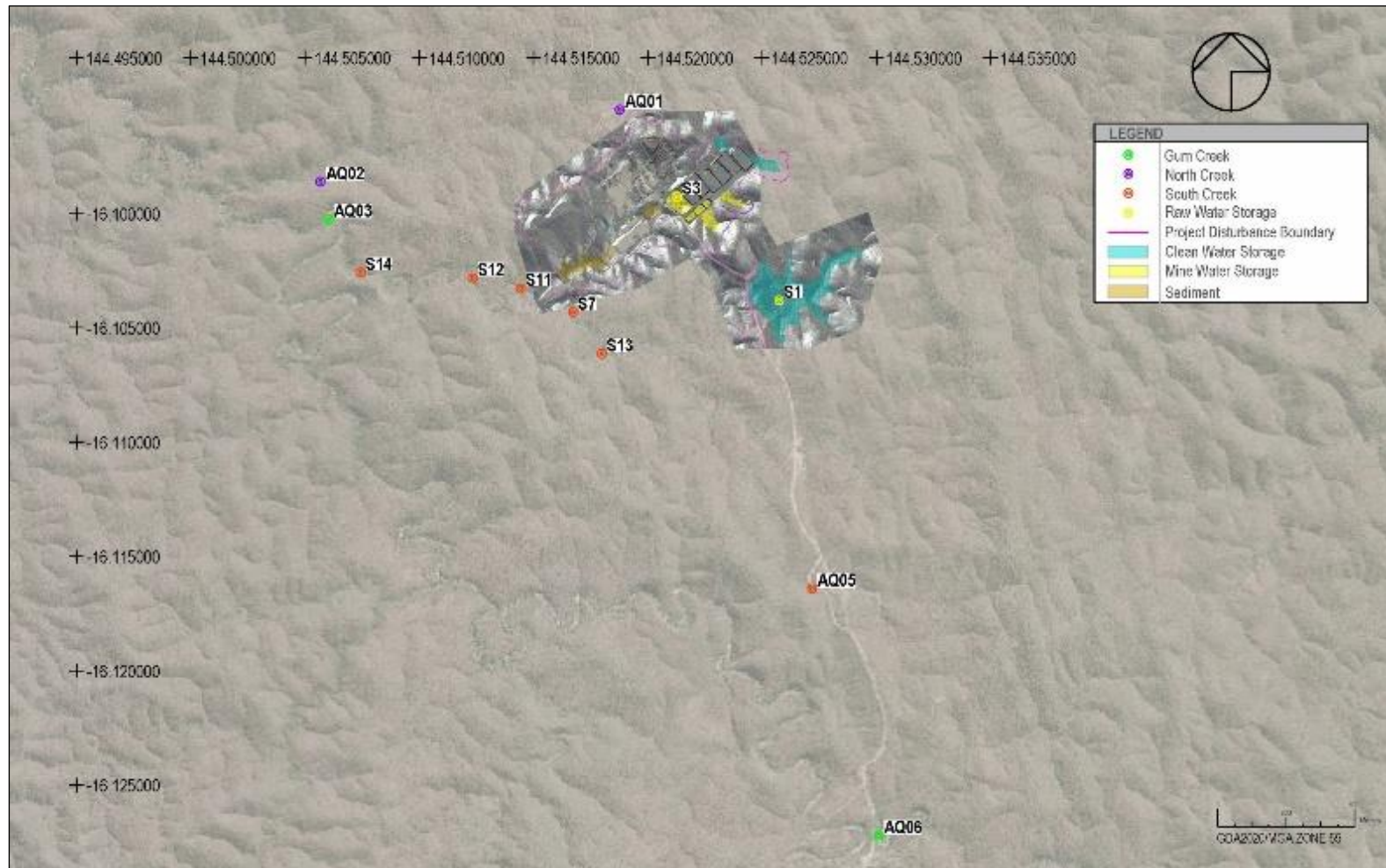
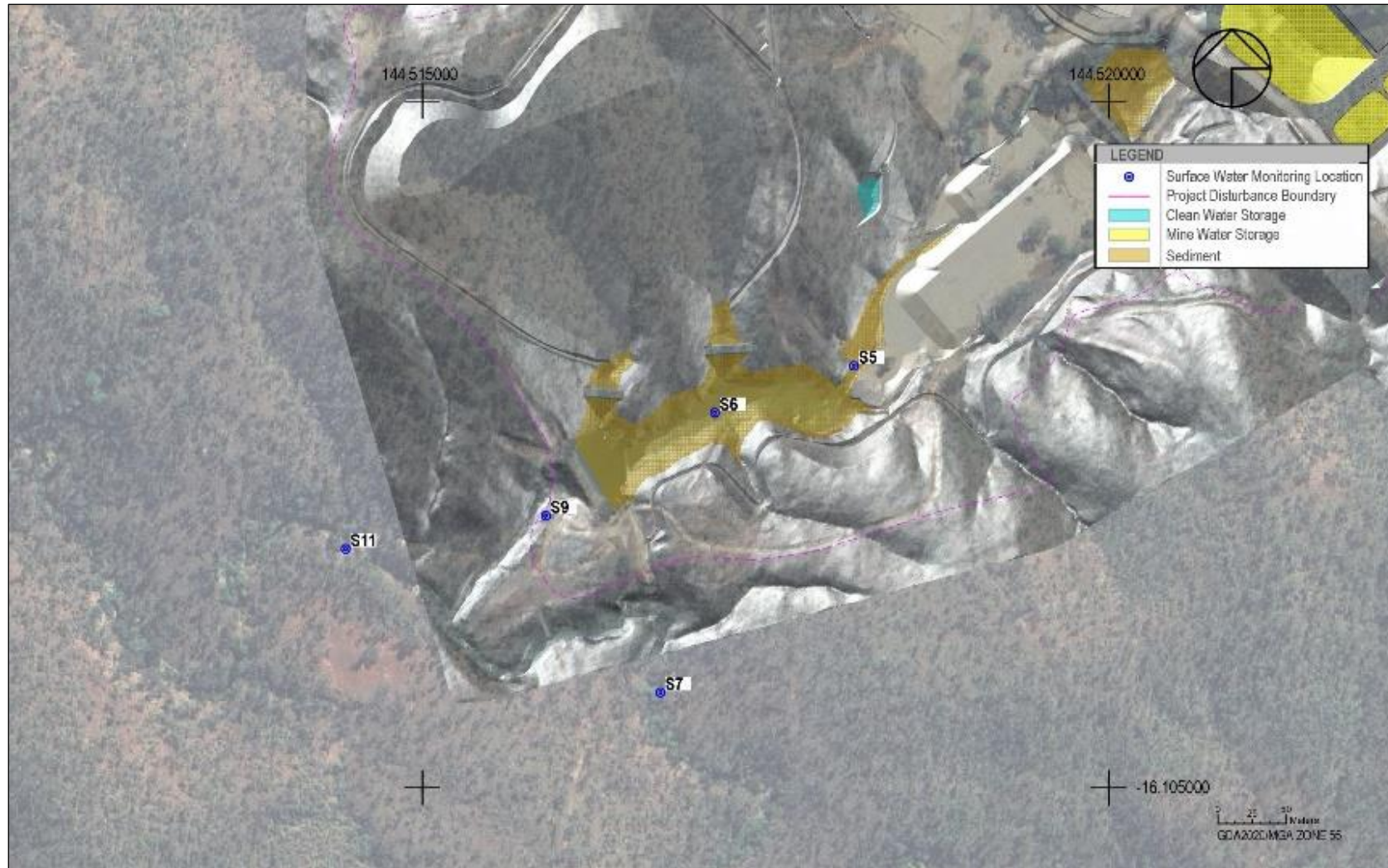


Figure 2 (b). Surface water monitoring locations

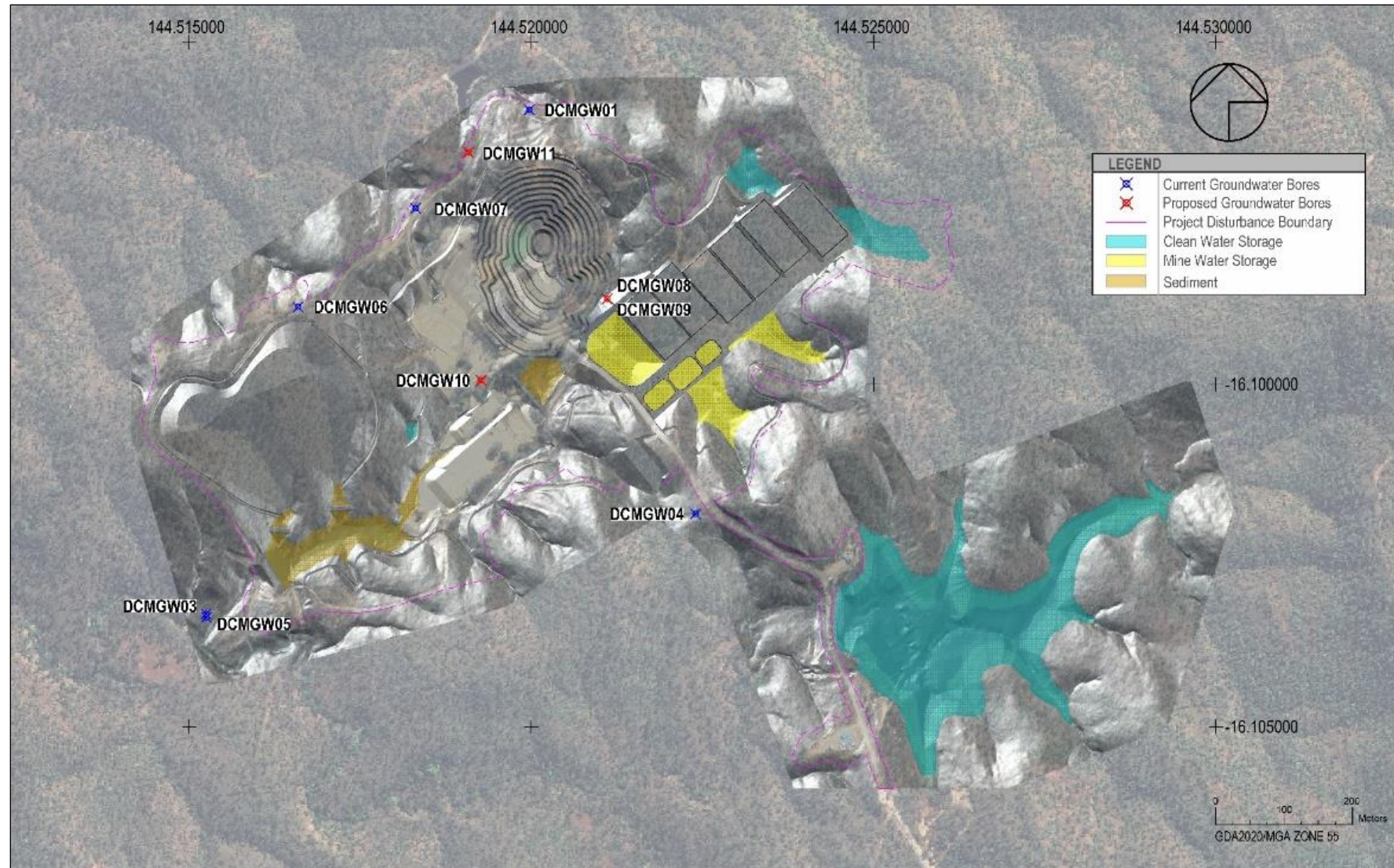


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Appendix 7. Groundwater Monitoring Bores

Monitoring Bore	Hydrogeological Unit	Latitude (decimal degree, GDA2020)	Longitude (decimal degree, GDA2020)
DCM_GW01	Hodgkinson Formation	-16.095544	144.5179465
DCM_GW03	Hodgkinson Formation	-16.10214	144.5134542
DCM_GW04	Hodgkinson Formation	-16.100899	144.5201505
DCM_GW05	Hodgkinson Formation	-16.102158	144.5135007
DCM_GW06	Hodgkinson Formation	-16.098042	144.5145424
DCM_GW07	Hodgkinson Formation	-16.096371	144.5168337
DCM_GW08	Hodgkinson Formation	-16.098049	144.5189805
DCM_GW09	Hodgkinson Formation	-16.098049	144.5189805
DCM_GW10	Hodgkinson Formation	-16.099104	144.5172482
DCM_GW11	Hodgkinson Formation	-16.096094	144.5171081

Figure 3. Groundwater Monitoring Locations



Appendix 8. Groundwater Quality Limits

Quality characteristics (units)	Monitoring Bore	Limit	Comment on limit
pH (pH units)	All bores	7.0-8.0	Site-specific
Electrical conductivity ($\mu\text{S}/\text{cm}$)	All bores	1,824	Site-specific
Sulfate (mg/L)	All bores	70	Site-specific
Fluoride (mg/L)	All bores	0.7	Site-specific
Aluminium - dissolved ($\mu\text{g}/\text{L}$)	All bores	55	ANZG 2018
Arsenic - dissolved ($\mu\text{g}/\text{L}$)	All bores	13	ANZG 2018
Boron - dissolved ($\mu\text{g}/\text{L}$)	All bores	110	Site-specific
Cadmium - dissolved ($\mu\text{g}/\text{L}$)	All bores	0.2	ANZG 2018
Chromium - dissolved ($\mu\text{g}/\text{L}$)	All bores	1	ANZG 2018
Copper - dissolved ($\mu\text{g}/\text{L}$)	All bores	1.4	ANZG 2018
Lead - dissolved ($\mu\text{g}/\text{L}$)	All bores	3.4	ANZG 2018
Manganese - dissolved ($\mu\text{g}/\text{L}$)	All bores	1,900	ANZG 2018
Mercury - dissolved ($\mu\text{g}/\text{L}$)	All bores	0.06	ANZG 2018
Nickel - dissolved ($\mu\text{g}/\text{L}$)	All bores	20	Site-specific
Selenium - dissolved ($\mu\text{g}/\text{L}$)	All bores	5	ANZG 2018
Silver - dissolved ($\mu\text{g}/\text{L}$)	All bores	0.05	ANZG 2018
Zinc - dissolved ($\mu\text{g}/\text{L}$)	All bores	32	Site-specific
Major ions (mg/L) Calcium, chloride, potassium, magnesium, sodium, bicarbonate, carbonate	All bores		For interpretation purposes
Hardness (mg/L)	All bores		For interpretation purposes

INSERT PRCP Schedule reference

Water level (mAHD)	All bores		For interpretation purposes
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Notes:

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

END OF PRCP SCHEDULE