

PRCP schedule

Environmental Protection Act 1994

PRCP Schedule P-PRCP-100882877

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

PRCP schedule: P-PRCP-100882877

PRCP schedule holder

Name	Registered address
Jubilee Metals Limited ACN: 155 231 619	Level 610 Market Street BRISBANE QLD 4000

Location details

Location
Mining lease (ML) 5248

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

10 December 2025

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) EPML00950913 must have an associated rehabilitation outcome provided in this PRCP schedule.
- PRCP2** The holder must for each rehabilitation and improvement area, achieve the corresponding rehabilitation or management 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.
- 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 thirty (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.
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.

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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 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 PRCP monitoring data.
- PRCP7** 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 1, dated December 2025,
 - (b) Any requirement under this schedule; and
 - (c) 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 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 rehabilitation trials;
 - (f) Designs, drawings, specifications or 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.

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- 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 ten (10) 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** Within twenty-four (24) months of the issuance of this PRCP schedule, the holder must complete a flood risk assessment that at a minimum covers the following structures and features:
- (a) Content tailings storage facility (TSF) and Content Waste Rock Dump (WRD) (including narrow corridor between WRD and TSF);
 - (b) Golden Butterfly WRD;
 - (c) Iguana Pit (NUMA); and
 - (d) Any other water-retaining or flood-prone landforms identified in the approved final landform design.
- PRCP13** The flood assessment, conducted under PRCP12, must:
- (a) Be prepared by an AQP;
 - (b) For residual voids and flood-influenced areas (Iguana Pit and adjoining drainage corridors), use models of 0.1 % Annual Exceedance Probability (AEP) and Probable Maximum Flood (PMF) events for both empty and ponded conditions, accounting for interactions with and local drainage pathways around the tenure and amend model boundary conditions where required;
 - (c) Include a consequence category assessment (CCA) completed in accordance with the *Manual for Assessing Consequence Categories and Hydraulic Performance of Structures (ESR/2016/1933)* (or later version) for all structures/features for which the Manual applies;
 - (d) Document the assessment and demonstrate how flood protection measures and their design will:
 - i. Prevent serious environmental harm, and
 - ii. Ensure landforms and residual voids remain stable
 During, or as a result of, flood events including extreme events.
 - (e) Demonstrate how the final landform will:
 - i. For embankments, bunds, TSFs and WRDs only – maintain a stable condition;
 - ii. Provide flood-protection and erosion controls;

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iii. Provide free drainage; and

iv. For voids, remain structurally stable and cause no environmental harm; and

- (f) Achieve hydraulic stability, erosion resistance, and geotechnical integrity consistent with the risk level identified in the flood assessment (PRCP12).

PRCP14 Within sixty (60) business days of completing the report required under PRCP12, the holder must submit to the administering authority the report required under PRCP 12. The submission must include a certification from an independent AQP that:

- (a) Endorses the flood risk assessment contained within the report;
- (b) Confirms that the flood risk assessment has been prepared in accordance with good professional practice; and
- (c) Supports the findings and recommendations outlined in the report.

PRCP15 If the certified flood risk assessments (as required under PRCP12) identify a need for new flood protection measures or modifications to existing structures, the holder must submit a conceptual design plan for the proposed new or modified structure to administering authority within 60 business days of the identification. The plan must:

- (a) Be prepared by a Registered Professional Engineer of Queensland (RPEQ);
- (b) Be certified by an independent RPEQ with expertise in the relevant discipline; and
- (c) Comply with the requirements of the administering authority's *Manual for assessing consequence categories and hydraulic performance of structures (ESR/2016/1933)* or its successor and any applicable guidelines.

PRCP16 Residual voids must not cause any serious environmental harm to land, surface waters or any recognised groundwater aquifer, other than the environmental harm constituted by the existence of the residual void itself and subject to any other condition within this PRCP schedule.

PRCP17 This PRCP schedule does not authorise any impacts to Category B Environmentally Sensitive Areas cultural heritage places, known as Content Mine (Place ID: 602243) and Normanton-Croydon Railway line (Place ID:602243).

PRCP18 Within twelve (12) months of the issuance of this PRCP schedule, an AQP must complete a grazing management plan (GMP).

PRCP19 The GMP must provide a framework to assess and document the suitability and sustainability of grazing on all rehabilitated land the subject of this schedule with a post mining land use nominated as low intensity grazing on native vegetation.

The GMP must be reviewed as often as necessary by an AQP to ensure it achieves the purpose of condition PRCP24.

PRCP20 The GMP made under PRCP18 must be provided to the administering authority within ten (10) business days of finalisation.

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- PRCP21** An up-to-date closure groundwater and water balance model (calibrated once data becomes available) must be maintained with predictions rerun at least every five (5) years, from the date of approval of the PRCP and within a year of any surrender application. Revised models must incorporate monitoring data, identified changes to the void closure landforms and spill point elevations, rainfall and evaporation, surface water runoff, and groundwater inflows, and climate.
- PRCP22** By 30 June 2028 the holder must, submit to the administering authority updated long term post-mining prediction numerical modelling for drawdown and groundwater level elevations.
- The predictive groundwater modelling as per the Australian Groundwater Modelling Guidelines (current version), confirms the residual void (Iguana Pit, Improvement Area (IA) 1), in-pit TSFs (Lady Isabella Pit and Content Pit, Rehabilitation Area (RA) 4) and water storage (Bombay Pit, RA 6) will not cause environmental harm through the release of contaminants from the voids beyond the tenure boundaries post-closure.
- PRCP23** Within twenty-four (24) months of the issuance of this PRCP schedule, 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.
- PRCP24** 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 cover design must reflect the risk associated for the WRDs and TSFs;
 - (c) 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;
 - (d) Quality assurance and quality control required during construction;
 - (e) How the cover system achieves a performance outcome equivalent to or better than the design provided in the rehabilitation planning part for the activity, version 1, dated December 2025;
 - (f) How the cover system performance will be demonstrated;
 - (g) How the landform achieves acceptable geotechnical and erosional stability;
 - (h) How the landform achieves an acceptable water quality outcome;
 - (i) How redundancy of the monitoring network has been identified and built into the final design;
 - (j) How the design, including the component parts supports the achievement of the nominated PMLU;
 - (k) How the design is consistent with the durability assessment;
 - (l) The critical design elements and associated assessment that support the achievement of a stable condition;
 - (m) 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;

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- (n) Considers and accounts for the findings of the flood susceptibility assessment (per PRCP12); and
- (o) Considers and accounts for the findings of the GMP (per PRCP18).

PRCP25 The durability assessment required in PRCP23 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;
- (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.
- (g) Accounts for and is consistent with the GMP, per PRCP18.

PRCP26 Both the AQP and independent peer reviewer must provide a certification, that the landform closure design report (PRCP23) 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.

PRCP27 Monitoring must be conducted equivalent to or better than the monitoring type and frequency as specified in the durability assessment required in PRCP23.

PRCP28 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.

PRCP29 Where the report has been updated, the certifications provided under PRCP26 must also be provided in relation to the updates.

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 <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 (transformers)	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.
Environmental harm	as defined under Section 14 of the EP Act.
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.
Groundcover	is the combination of vegetative cover, other organic material (i.e. sticks, leaf litter) and inorganic material (i.e. rocks).
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.

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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 who is able to demonstrate a sufficient level of independence from the PRCP schedule holder, the site and any technical material generated that is the subject of the review, to satisfy a reasonable person that they have no conflict of interest 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, and is able to demonstrate a sufficient level of independence from the PRCP schedule holder, the site and any technical material generated that is the subject of the review to satisfy a reasonable person that they have no conflict of interest on the matter the subject of the review. 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.
Native	means vegetation occurring naturally within Regional Ecosystems 2.5.9, 2.5.19a and RE 9.12.33c and/or listed in the relevant Regional Ecosystem technical description.
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: i. Final landform design report, ii. Durability assessment/ report, iii. "As Constructed" report; iv. All monitoring data v. Assessment of monitoring data, vi. All maintenance records; and vii. Modelling and technical assessments.
Relevant structure	includes: i. the residual void (Iguana Pit, IA1), ii. Content WRD (RA1), iii. Golden Butterfly and Iguana WRD (RA3), and iv. in-pit TSFs (Lady Isabella Pit and Content Pit, RA4).
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

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	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 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	is a non-native plant/s that can displace native plants, disrupt ecosystems, and alter landscapes.

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Section C - Final site design and reference maps

Figure 1. Final site design

Figure 2: Reference map

Figure 3: Groundwater and surface water monitoring locations

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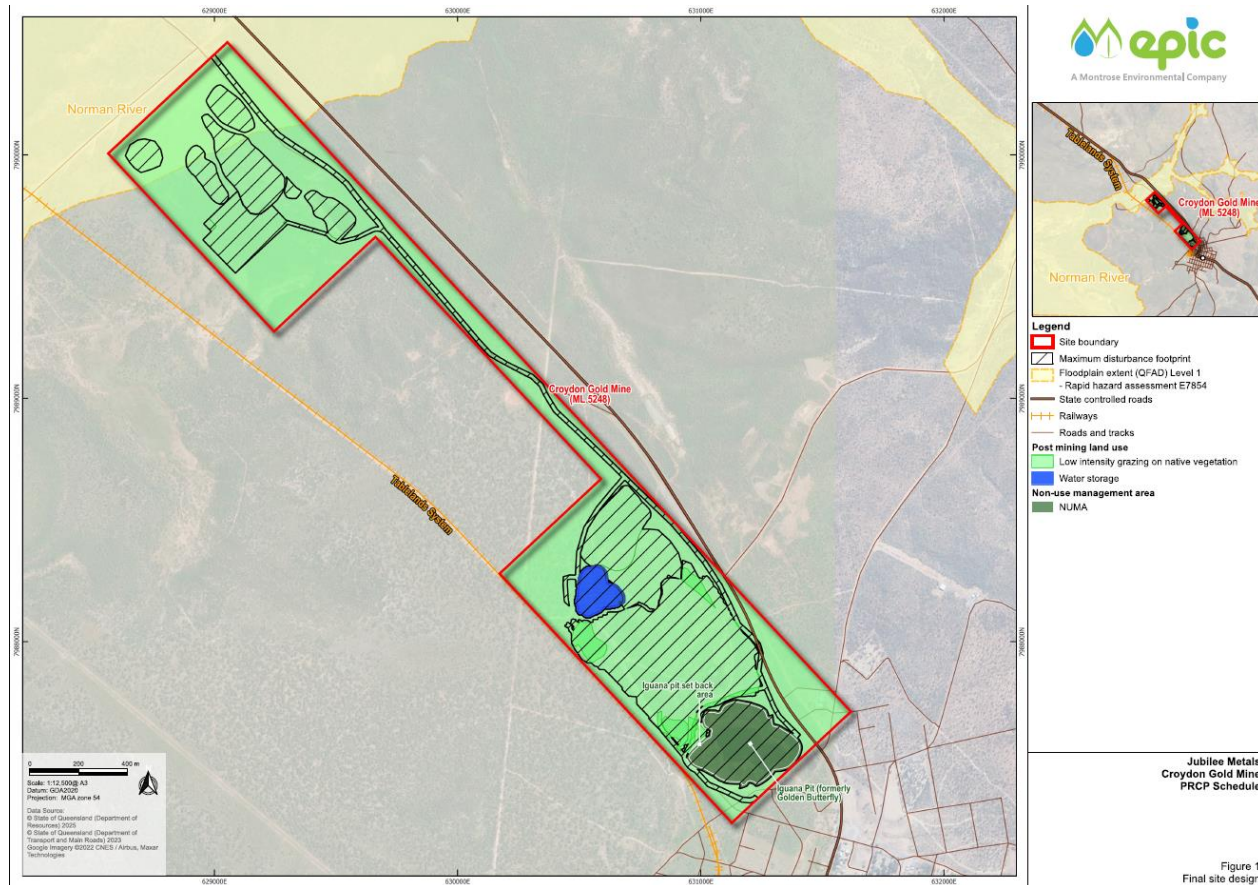


Figure 1. Final site design

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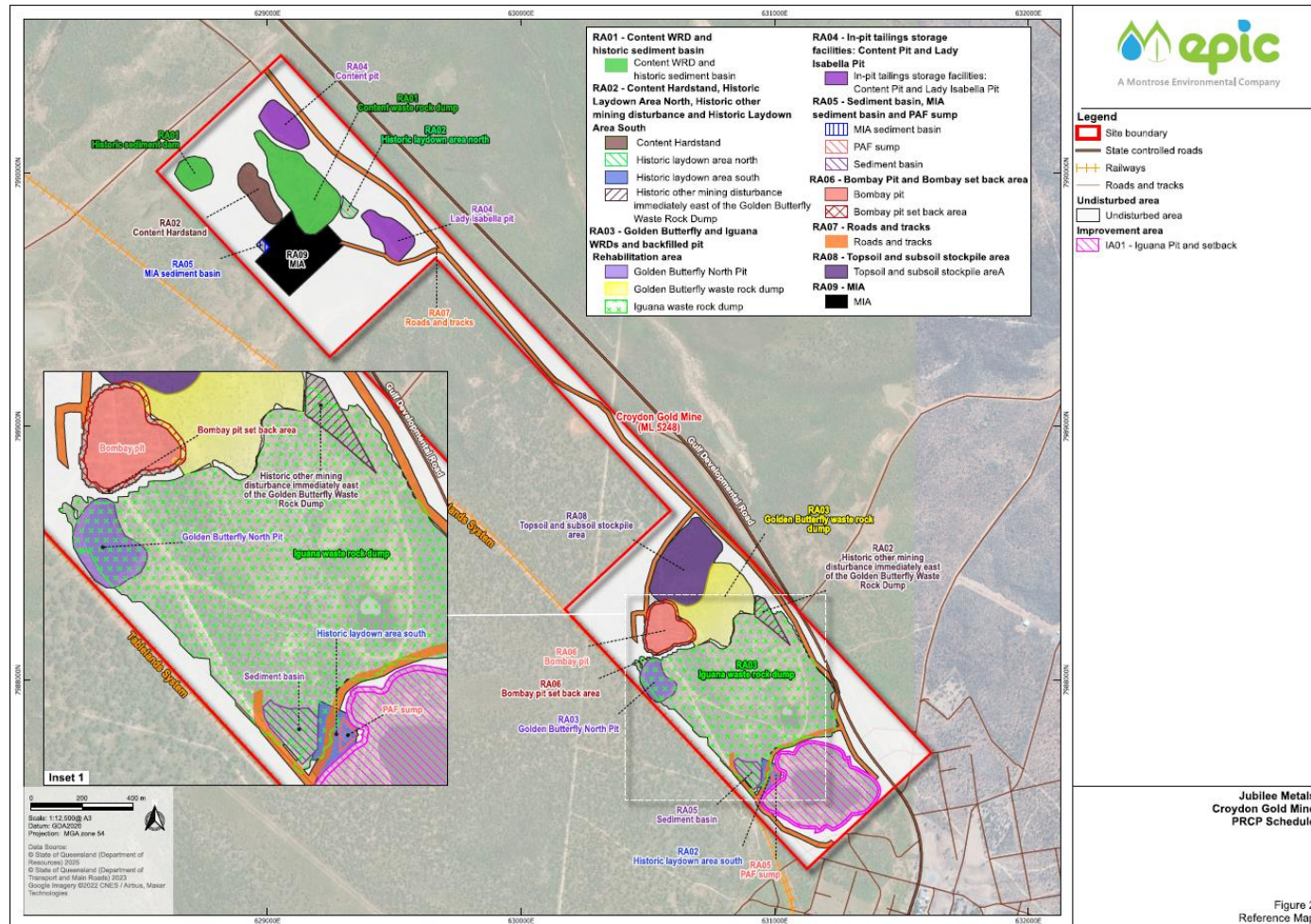


Figure 2: Reference map

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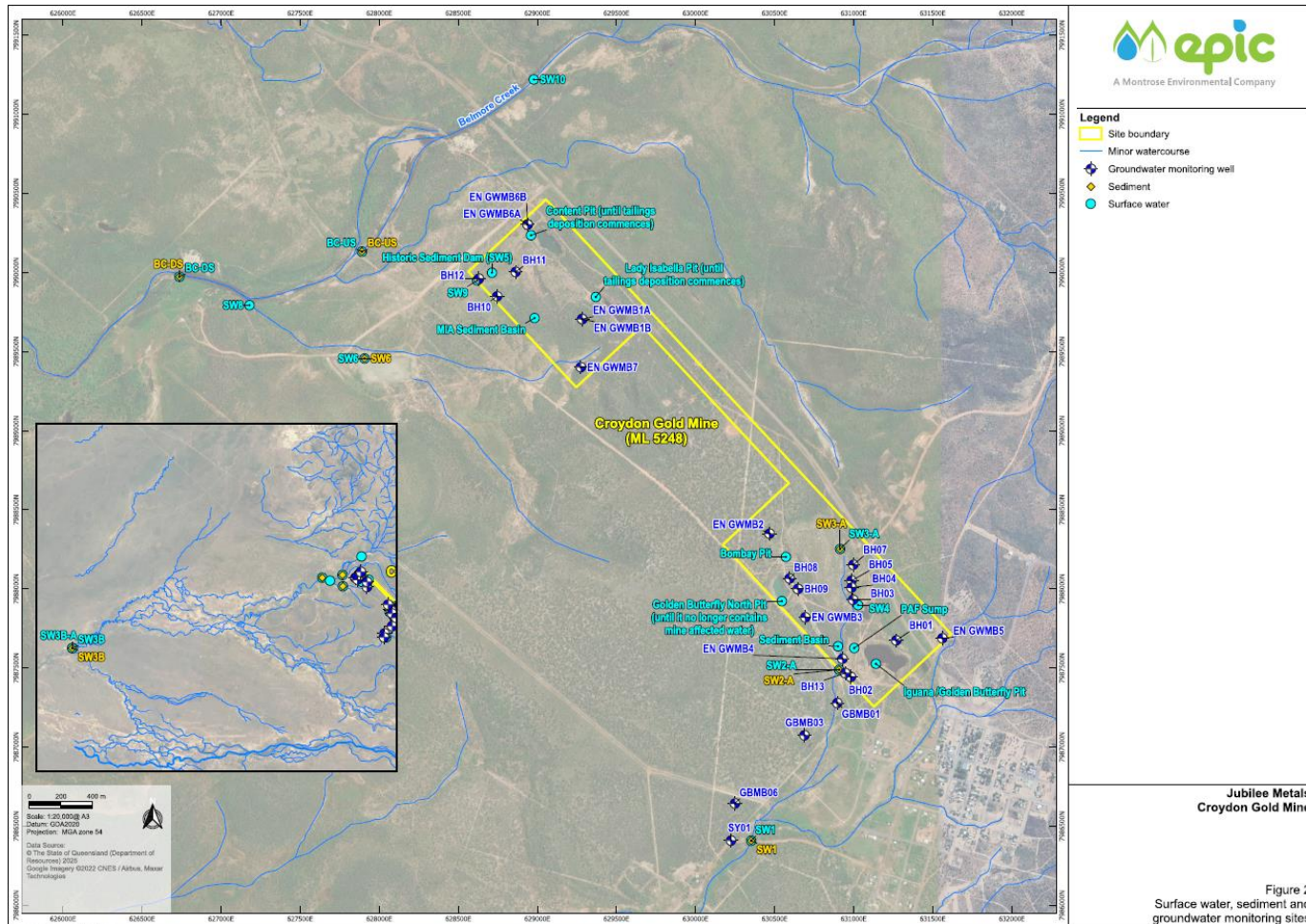


Figure 3: Groundwater and surface water monitoring locations

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Section D – Post mining land uses

Milestone reference	Rehabilitation milestone	Rehabilitation Area							
		RA1	RA2	RA3	RA4	RA5	RA6	RA7	RA8
RM1	Investigation and/or remediation of contaminated land and infrastructure removal								
RM2	Landform reshaping/re-profiling								
RM3	Surface preparation								
RM4	Revegetation								
RM5	Achievement of surface requirements								
RM6	Achievement of post-mining land use to stable condition – without water quality								
RM7	Achievement of post-mining land use to stable condition – water quality only								

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(RA1) Rehabilitation area 1

Post-mining land uses (PMLU)								
Rehabilitation area	RA1							
Relevant activities	Content WRD and Historic Sediment Dam							
Total rehabilitation area size (ha)	7.8							
Commencement of first milestone: RM1	Rehabilitation of RA1 commenced prior to PRCP transition							
PMLU	Low intensity grazing on native vegetation							
Date area is available	Prior to PRCP schedule commencing							
Cumulative area available (ha)	7.8							
Milestone completed by	10/12/2030	10/12/2032	10/12/2053					
Milestone Reference	Cumulative area achieved (ha)							
RM1	7.8							
RM2	7.8							
RM3	7.8							
RM4	7.8							
RM5	7.8							
RM6		7.8						
RM7			7.8					

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(RA2) Rehabilitation area 2

Post-mining land uses (PMLU)									
Rehabilitation area	RA2								
Relevant activities	Content Hardstand, Historic Laydown Area North, Historic other mining disturbance and Historic Laydown Area South								
Total rehabilitation area size (ha)	3.8								
Commencement of first milestone: RM1	10/12/2031								
PMLU	Low intensity grazing on native vegetation								
Date area is available	10/12/2031								
Cumulative area available (ha)	3.8								
Milestone completed by	10/12/2036	10/12/2041	10/12/2048	10/12/2053					
Milestone Reference	Cumulative area achieved (ha)								
RM1	3.8								
RM2	3.8								
RM3	3.8								
RM4	3.8								
RM5		3.8							
RM6			3.8						
RM7				3.8					

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(RA3) Rehabilitation area 3

Post-mining land uses (PMLU)								
Rehabilitation area	RA3							
Relevant activities	Golden Butterfly and Iguana WRDs and backfilled pit (including the Golden Butterfly North Pit to be backfilled)							
Total rehabilitation area size (ha)	37.6							
Commencement of first milestone: RM1	10/12/2030							
PMLU	Low intensity grazing on native vegetation							
Date area is available	10/12/2030							
Cumulative area available (ha)	37.6							
Milestone completed by	10/12/2035	10/12/2040	10/12/2047	10/12/2053				
Milestone Reference	Cumulative area achieved (ha)							
RM1	37.6							
RM2	37.6							
RM3	37.6							
RM4	37.6							
RM5		37.6						
RM6			37.6					
RM7				37.6				

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(RA4) Rehabilitation area 4

Post-mining land uses (PMLU)								
Rehabilitation area	RA4							
Relevant activities	In-pit tailings storage facilities: Content Pit and Lady Isabella Pit							
Total rehabilitation area size (ha)	4.4							
Commencement of first milestone: RM1	10/12/2030							
PMLU	Low intensity grazing on native vegetation							
Date area is available	10/12/2030							
Cumulative area available (ha)	4.4							
Milestone completed by	10/12/2035	10/12/2040	10/12/2047	10/12/2053				
Milestone Reference	Cumulative area achieved (ha)							
RM1	4.4							
RM2	4.4							
RM3	4.4							
RM4	4.4							
RM5		4.4						
RM6			4.4					
RM7				4.4				

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(RA5) Rehabilitation area 5

Post-mining land uses (PMLU)								
Rehabilitation area	RA5							
Relevant activities	Sediment Basin, Mine infrastructure area (MIA) Sediment Basin and PAF Sump							
Total rehabilitation area size (ha)	1							
Commencement of first milestone: RM1	10/12/2032							
PMLU	Low intensity grazing on native vegetation							
Date area is available	10/12/2032							
Cumulative area available (ha)	1							
Milestone completed by	10/12/2037	10/12/2042	10/12/2049	10/12/2053				
Milestone Reference	Cumulative area achieved (ha)							
RM1	1							
RM2	1							
RM3	1							
RM4	1							
RM5		1						
RM6			1					
RM7				1				

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(RA6) Rehabilitation area 6

Post-mining land uses (PMLU)				
Rehabilitation area	RA6			
Relevant activities	Bombay Pit (2.4 ha) and Bombay set back area (0.7 ha)			
Total rehabilitation area size (ha)	3.1			
Commencement of first milestone: RM1	10/12/2030			
PMLU	Water Storage			
Date area is available	10/12/2030			
Cumulative area available (ha)	3.1			
Milestone completed by	10/12/2035	10/12/2040	10/12/2047	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	3.1			
RM2	3.1			
RM3	3.1			
RM4	3.1			
RM5		3.1		
RM6			3.1	
RM7				3.1

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(RA7) Rehabilitation area 7

Post-mining land uses (PMLU)				
Rehabilitation area	RA7			
Relevant activities	Roads and tracks			
Total rehabilitation area size (ha)	10.3			
Commencement of first milestone: RM1	10/12/2034			
PMLU	Low intensity grazing on native vegetation			
Date area is available	10/12/2034			
Cumulative area available (ha)	10.3			
Milestone completed by	10/12/2039	10/12/2044	10/12/2051	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	10.3			
RM2	10.3			
RM3	10.3			
RM4	10.3			
RM5		10.3		
RM6			10.3	
RM7				10.3

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(RA8) Rehabilitation area 8

Post-mining land uses (PMLU)				
Rehabilitation area	RA8			
Relevant activities	Topsoil and Subsoil Stockpile area			
Total rehabilitation area size (ha)	6.2			
Commencement of first milestone: RM1	10/12/2034			
PMLU	Low intensity grazing on native vegetation			
Date area is available	10/12/2034			
Cumulative area available (ha)	6.2			
Milestone completed by	10/12/2039	10/12/2044	10/12/2051	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	6.2			
RM2	6.2			
RM3	6.2			
RM4	6.2			
RM5		6.2		
RM6			6.2	
RM7				6.2

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(RA9) Rehabilitation area 9

Post-mining land uses (PMLU)				
Rehabilitation area	RA9			
Relevant activities	MIA			
Total rehabilitation area size (ha)	5.8			
Commencement of first milestone: RM1	10/12/2033			
PMLU	Low intensity grazing on native vegetation			
Date area is available	10/12/2033			
Cumulative area available (ha)	5.8			
Milestone completed by	10/12/2038	10/12/2043	10/12/2050	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	5.8			
RM2	5.8			
RM3	5.8			
RM4	5.8			
RM5		5.8		
RM6			5.8	
RM7				5.8

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Rehabilitation area milestones

Milestone reference	Rehabilitation milestone	Milestone criteria
RM1	Investigation and/or remediation of contaminated land and infrastructure removal	1.1 With the exception of any infrastructure to remain as part of the PMLU, or where infrastructure, including Bombay Pit, is agreed to be retained by the landholder, as evidenced by a signed landholder agreement, the following are complete: (a) All services disconnected, terminated and removed; (b) All buildings and associated infrastructure, other than those that form part of a landholder agreement, dismantled and removed offsite; (c) All hardstand, concrete areas and roads (bitumen, blue metal, aggregate etc.) removed; (d) All fencing and related foundations removed, including fencing surrounding the 'Stock watering dam'. (e) All pipelines drained and removed; (f) All waste not authorised to be disposed of on-site under environmental authority EPML00950913 removed; (g) All surface water drainage infrastructure, that does not form part of a PMLU, removed; (h) All drillholes, bores (not required for monitoring under this PRCP schedule), sediment ponds and sumps (not required as temporary erosion and sediment controls during rehabilitation) decommissioned; (i) All machinery and equipment other than that associated with rehabilitation removed from site; (j) All dams and erosion and sediment control (ESC) facilities are dewatered, desilted and have liners removed; (k) Watercourse crossings and culverts removed; and (l) All infrastructure retained onsite, via a landholder statement, is safe, stable and does not cause, or likely to cause, environmental harm. 1.2 Contaminated land investigations (investigation, remediation and validation) in accordance with the <i>Environmental Protection Act 1994</i>, including a site investigation report, and, where required, a Validation Report and/or a draft Site Management Plan. 1.3 Contaminated and hazardous material either remediated in-situ or removed/transported to a facility lawfully able

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Milestone reference	Rehabilitation milestone	Milestone criteria
		to accept the material. 1.4 Contaminated land managed consistent with suitably qualified and experienced person (SQP) advice. 1.5 Contaminated Land Auditor certifies that no contamination unsuitable for the PMLU remains or is occurring. 1.6 An AQP has certified achievement of RM 1.1 – 1.5 above.
RM2	Landform reshaping/re-profiling	2.1 All major earthworks (including reshaping, pushing/trimming) are constructed consistent with the final site layout (Figure 1 - Final site design) and landform closure design report (PRCP23). 2.2 An AQP report confirms that the constructed above ground landforms achieve geotechnical stability with a Factor of Safety (FoS) ≥ 1.5, which includes consideration of flood stress per the flood risk assessment (PRCP12). 2.3 An “As-Constructed Report” prepared which details and justifies all variations to the design, including a certification from an AQP that such variations will not affect the design performance. 2.4 Where ESC structures (including diversion bunds) are to remain post-closure, an AQP confirms that they are functioning as per the design intent and will reasonably remain stable in a post-closure context. 2.5 Stock excluded via stock exclusion fencing. 2.6 Terrain free draining and integrated into the landscape in a way that does not create erosional or stability hazards. 2.7 For RA1 an independent AQP certifies that: (a) All areas that require additional earthworks, reprofiling to achieve a geotechnically stable and non-polluting landform including the sub-surface drainage trench, on the western slope of Content WRD have been identified and documented; (b) Area-specific treatment plans been implemented (if required); (c) All work necessary to ensure the WRD remains stable and non-polluting in a post closure context has been completed; (d) The final landform, including the engineered cover system and drainage measures will not compromise the

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Milestone reference	Rehabilitation milestone	Milestone criteria
		achievement of a stable condition; and (e) RM 2.1 – 2.6 have been achieved. 2.8 For Content and Lady Isabella in-pit TSFs (RA4) and Golden Butterfly and Iguana WRD (RA3) an independent AQP certifies that: (a) Landform design achieves a final slope of 15%; (b) Cover design installed in accordance with the landform closure design report per PRCP23; (c) The landform and cover systems have been constructed in accordance with the design documents mentioned in RM 2.8 (a) and will achieve a stable condition. (d) Earthworks have been implemented: i. to minimise the catchments reporting to the residual voids; ii. to prevent surface ponding; iii. to minimise erosion potential that may affect the achievement of the nominated PMLU; (e) RM 2.1 – 2.6 have been achieved. 2.9 For Bombay Pit (RA6) an independent AQP certifies that: (a) Maximum pit slope is 1V : 0.5H; (b) There is a single, graded ramp with a maximum slope of 1V : 6H and a maximum total slope length of 50m; (c) Fencing is installed to manage access to the ramp and exclude stock access to the outer embankments; (d) The landform is consistent with the landform closure design report and durability assessment (PRCP23); and (e) RM 2.1 – 2.6 have been achieved.
RM3	Surface preparation	3.1 The surface and groundwater monitoring networks are installed, and monitoring is underway (one year of

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Milestone reference	Rehabilitation milestone	Milestone criteria
		sampling undertaken). 3.2 In addition to RM 3.1, for RA1, an AQP has certified: (a) Prior to the placement of any growth media, its quality has been assessed and confirmed by an AQP as suitable for the PMLU and target vegetation establishment and, if required, an Amelioration and Physical Treatment Plan has been prepared; (b) Application of ameliorants to growth media has been completed as per AQP recommendations in the Amelioration and Physical Treatment Plan. 3.3 In addition to RM 3.1 the following applies to RA2, RA3, RA4, RA5, RA6, RA7, RA8 and RA9: (a) Prior to the placement of growth media, its quality has been assessed and confirmed by an AQP as suitable for the PMLU and target vegetation establishment and, if required, an Amelioration and Physical Treatment Plan has been prepared; (b) Application of ameliorants to growth media has been completed as per AQP recommendations in the Amelioration and Physical Treatment Plan. (c) Growth media placed to a minimum depth of: i. A minimum of 150 mm, or as otherwise specified within the final landform design report, for RA3 and RA4 loose and profile ripped along the contour to no more than 300 mm; ii. A minimum of 150 mm, or as otherwise specified within the final landform design report, for RA2, RA5, RA6, RA7, RA8 and RA9 and profile ripped to at least 500 mm to relieve compaction. 3.4 An independent AQP has certified achievement of RM3.1 – 3.3.
RM4	Revegetation	4.1 For RA1 an AQP has identified and documented all areas that require further revegetation to achieve a stable condition. 4.2 For RA2, 3, 4, 5, 6 (Bombay set back area only), 7, 8 and 9: Seeding completed using a seed mix derived from the species listed in Table 1. Seed mix.

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Milestone reference	Rehabilitation milestone	Milestone criteria
		4.3 Non-native seed has not been used for revegetation (other than sterile cover crops). 4.4 An independent AQP has certified achievement of RM4.1 – 4.3.
RM5	Achievement of surface requirements	5.1 Vegetation Monitoring locations that are representative of the RA, the target PMLU and final landform have been identified by an AQP. 5.2 At least two of the species listed within Table 1. Seed mix, are: (a) Detected within each vegetation monitoring locations per RM 5.1; and (b) AQP confirms vegetation germination and establishment success within 3 months of seeding. 5.3 If any of the maintenance treatment triggers identified in the rehabilitation planning part for the activity, version 1, dated December 2025, have occurred, the relevant maintenance treatments nominated in the same section have been implemented. 5.4 A BioCondition assessment is completed by an AQP using the methodology outlined in the latest version of the Queensland Herbarium's 'BioCondition Assessment Manual'. 5.5 The BioCondition assessment completed under RM5.4 complies with the PRCP Benchmark for the PMLU, per Table 2. PRCP BioCondition scores. 5.6 Weed presence is a less than 5% of total vegetative cover. 5.7 Vegetation groundcover of restricted invasive plants (as defined in the <i>Biosecurity Act 2014</i>) comprises ≤5% of vegetation groundcover and AQP certified that weeds are being appropriately managed. 5.8 Total groundcover (combination of vegetative groundcover, other organic material (i.e. sticks, leaf litter) and inorganic material (i.e. durable rocks)) ≥ 60% of which, 30% must be vegetative groundcover. 5.9 Grazing is managed as per GMP (PRCP18). 5.10 With respect to erosion: (a) No evidence of erosion classified as 'moderate' or 'severe' as defined by Table 3. Erosion Classification Framework;

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Milestone reference	Rehabilitation milestone	Milestone criteria
		(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. 5.11 The rehabilitation monitoring program of the rehabilitation planning part for the activity, version 1, dated December 2025 has been implemented and any corrective actions, including relocation of monitoring sites, weed control, erosion repair and livestock management, arising from the monitoring program have been completed and documented. 5.12 Surface water runoff is non-polluting to receiving waters and complies with Table 5. Surface water quality limits. 5.13 All temporary ESC structures have been removed. 5.14 An independent AQP has certified achievement of RM5.1 – 5.13.
RM6	Achievement of post-mining land use to stable condition – without water quality	6.1 There is no evidence indicating an adverse change to the contaminated land status has occurred due to rehabilitation activities implemented since the completion of RM 1. 6.2 A Contaminated Land Investigation Document (CLID) is completed in accordance with the <i>Environmental Protection Act 1994</i>, including: (a) Site Suitability Statement confirming the suitability of the property (all lot/plans within the mining lease area) for the PMLUs; and (b) Site Investigation Report and, where required, a Validation Report and/or a draft Site Management Plan provided. 6.3 Removal of land from Environmental Management Land Register where practicable. 6.4 No machinery and equipment on site. 6.5 Any ESC and drainage structures to be retained as permanent features are certified by an AQP to be safe, stable, have been competently designed and constructed, compatible with the PMLU and durable over the long term in a post mining context. 6.6 A BioCondition assessment is completed by an AQP using the methodology outlined in the latest version of the

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Milestone reference	Rehabilitation milestone	Milestone criteria
		Queensland Herbarium's 'BioCondition Assessment Manual'. 6.7 The BioCondition assessment completed under RM6.6 complies with the PRCP Benchmark for the PMLU per Table 2. BioCondition scores. 6.8 Absence of ecosystem altering weeds. 6.9 Total groundcover (combination of vegetative groundcover, other organic material (i.e. sticks, leaf litter) and inorganic material (i.e. durable rocks)) $\geq 70\%$, of which 60% must be vegetative groundcover. 6.10 No evidence of erosion classified as 'moderate' or 'severe' as defined by Table 3. Erosion Classification Framework. 6.11 Safety hazards in the rehabilitation area are not significantly different to surrounding unmined landscapes subject to the same land use. 6.12 The land is structurally and erosionally stable. 6.13 The final landform is geotechnically stable and achieved a factor of safety ≥ 1.5. 6.14 Having regard to land condition and the results of any grazing undertaken, an AQP certifies that the PMLU can be sustained per the GMP (PRCP18) without compromising the achievement of a stable condition. 6.15 The GMP (per PRCP18), has been provided to the landholder for consideration in future land management. 6.16 The durability report in condition PRCP23 has been updated to reflect a post closure assessment, including detailing any residual risks that may persist. 6.17 An AQP report confirms no observable subsidence, rock falls and/or slope slippage over a period of eight consecutive years of monitoring and provides recommended actions to remedy any identified issues. For Bombay Pit (RA6) (in addition to RM 6.1 – 6.17) 6.18 Access to Bombay Pit is restricted by the installation of a bund (≥ 1.5 m height and ≥ 1.5 m base width) at a geotechnical setback from the void of at least 10 m (or as nominated by an AQP).

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Milestone reference	Rehabilitation milestone	Milestone criteria
		6.19 The bund in 6.18 must be incorporated into the fence, required per RM 2.9 (c). 6.20 Warning signage to deter public access and warn of residual void related risks are designed in accordance with Australian Standard AS1319-1994 Safety Signs for the Occupational Environment and erected at 100 m intervals along the perimeter of the abandonment barrier (bund and/or fence). 6.21 Bombay Pit water quality has been monitored quarterly for a minimum of 5 consecutive years. 6.22 Bombay Pit is safe for native animals and stock. 6.23 An AQP certifies that all infrastructure to be retained onsite is safe, stable and will not cause environmental harm. For Content WRD (RA1), Golden Butterfly and Iguana WRDs (RA3) and Lady Isabella and Content in-pit TSFs (RA4) (in addition to RM 6.1 – 6.17): 6.24 No evidence of solute rise through the cover systems sufficient to threaten the long-term achievement of stable conditions. Where solute rise is evident, the ionic composition and concentrations must demonstrate no detrimental impacts on the growth media and vegetation performance, and the rate of solute accumulation has been shown to be decreasing with time post-closure. 6.25 An AQP has assessed data on leachate quality from the PAF sump and determined that the Iguana WRD (RA3) encapsulation and cover are performing per landform closure design report, PRCP23. 6.26 An AQP has assessed data on leachate quality and determined that the Golden Butterfly WRD encapsulation and cover are performing per landform closure design report, PRCP23. 6.27 An independent AQP has certified achievement of RM 6.1 – 6.27.
RM7	Achievement of post-mining land use to stable condition – water quality only	7.1 Surface water results monitored monthly during flow at, but not limited to, downstream locations specified in Table 4. Surface water monitoring locations and Figure 3 - Groundwater and surface water monitoring locations, must not exceed the limits in Table 5. Surface water quality limits, for a minimum of 5 consecutive years. 7.2 If the surface water quality exceeds RM 7.1, 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 the quality result

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Milestone reference	Rehabilitation milestone	Milestone criteria
		measured at the applicable upstream site¹. 7.3 For a minimum of five consecutive years, groundwater quality must be monitored quarterly at, but not limited to, bores specified in Table 6. Groundwater monitoring locations, for all quality characteristics listed in Table 7. Groundwater quality limits. 7.4 Groundwater quality results must not exceed the limits in Table 7. Groundwater quality limits, for 3 consecutive results. 7.5 Water quality of Bombay Pit (RA6) has not exceeded the trigger values for livestock (beef cattle) drinking water defined in Australian and New Zealand Guidelines for Fresh and Marine Water Quality – Volume 3 Primary Industries — Rationale and Background Information Sections 9.3.4 & 9.3.5 (ANZECC and ARMCANZ 2000). 7.6 Independent AQP has reviewed all relevant material and has certified via a technical report that: (a) The landforms have achieved a stable condition; (b) The landforms are performing per final landform design and durability assessment (PRCP23); and (c) That the cover system and extent of source from the TSFs is per landform closure design report (PRCP23) and modelling (PRCP21).

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 E – Non-use management areas

(IA1) Improvement area 1

Non-use management area (NUMA)							
Improvement area	IA1						
Relevant activities	Iguana Pit (9.8 ha) and setback (1.4 ha)						
Total size (ha)	11.2						
Commencement of first milestone: MM1	10/12/2030						
NUMA	Residual Void						
Date area is available	10/12/2030						
Cumulative area available (ha)	11.2						
Milestone completed by	10/12/2035	10/12/51					
Milestone Reference	Cumulative area achieved (ha)						
MM 1	11.2						
MM 2		11.2					

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Improvement area milestones

Milestone reference	Management milestone	Milestone criteria
MM1	Surface preparation	MM1.1 Pit wall landforms must: (a) Prevent surface or seepage flow of floodwater into the void; (b) Be geotechnically stable when floodwater is against the creek-side batter; (c) Not be constructed with dispersive material; and (d) Have maximum 30% slopes with rock for scour protection.
		MM1.2 Final residual voids are not subject to inundation from floodwaters up to and including the 0.1% AEP.
		MM1.3 The pit walls achieve a FoS ≥ 1.5 within the NUMA extents.
		MM1.4 The void and associated safety bund does not cause instability or degradation to the land outside the NUMA.
		MM1.5 All flood protection landforms and flood protection measures designed and constructed consistent with the landform closure design report (PRCP23).
		MM1.6 Flood velocity at bund toe does not exceed design tolerance per PRCP12.
		MM1.7 Bund and access roads subject to velocity > 2 m/s or shear stress > 50 N/m ² are armoured using non-erodible materials or rock armouring.
		MM1.8 Competent safety bund or equivalent landform in place to prevent access to the residual void, at a geotechnical set-back distance as required by an AQP report.
		MM1.9 The safety bund is constructed in accordance with engineering requirements including: (a) Constructed from non-weathered, non-dispersive dumped rockfill;

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		(b) A minimum 2m in height; (c) A minimum of 4 m base width; and (d) 1 in 3 batters. MM1.10 A minimum distance of 50m is to be designed between the residual void crest and the toe of the safety bund, where against an external perimeter mining lease boundary. MM1.11 Fencing erected, where required to prevent access to the residual void, around the perimeter of the safety bund. MM1.12 Warning signage to deter public access and warn of residual void related risks are designed in accordance with Australian Standard AS1319-1994 Safety Signs for the Occupational Environment and erected at 100 m intervals along the perimeter of the abandonment barrier (bund and fence). MM1.13 Final landform (including the abandonment barrier and fence) have been constructed to reflect the landform closure design report and durability assessment, per PRCP23. MM1.14 An updated water balance model demonstrates that: (a) The Iguana Residual Void pit lake equilibrium level remains below the pre-mining groundwater level and void spill level, (b) The void will not overtop, and (c) Environmental harm to land, surface waters or any recognised groundwater aquifer (other than that caused within the footprint of the residual void itself) is not predicted. MM1.15 An independent AQP has certified achievement of MM1.1 - MM1.14.
MM2	Achievement of sufficient improvement	MM2.1 The final landform has been constructed in accordance with the landform closure design report, per PRCP23. MM2.2 The groundwater and water balance model, per PRCP21, demonstrates that the void has not and will not cause environmental harm to the receiving environment, as demonstrated by groundwater level, surface water and groundwater quality monitoring and modelling. MM2.3 An AQP certifies that the residual void acts as groundwater sink post-closure, as demonstrated by water quality, water

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		level and modelling data.
	MM2.4	An updated water balance model demonstrates that the Iguana Residual Void pit lake equilibrium level remains below the pre-mining groundwater level and void spill level, the void will not overtop.
	MM2.5	Residual void retains flood immunity, supported by flood modelling re-run at end of life and calibrated against the final landform.
	MM2.6	The residual void will not present an unacceptable risk of environmental harm.
	MM2.7	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.
	MM2.8	All areas of each residual pit above the crest of the pit high wall and including the abandonment bund, achieve a minimum 30% ground cover of native species.
	MM2.9	Monitoring post-wet season or $\geq 0.1\%$ AEP rainfall events must be undertaken to assess erosion, overtopping and bund condition.
	MM2.10	Any evidence of bund erosion, road erosion, overtopping or high flow scour must trigger a corrective action plan within 30 days.
	MM2.11	An independent AQP has reviewed all relevant material and has certified via a technical report, that achievement of MM2.1 – MM2.10 is achieved.

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Section F – Tables

Table 1. Seed mix

Scientific name	Minimum sowing rate (kg/ha)
<i>Acacia decora</i>	
<i>Acacia difficilis</i>	
<i>Acacia holosericea</i>	
<i>Acacia julifera</i>	
<i>Acacia leptostachya</i>	
<i>Acacia platycarpa</i>	
<i>Acacia shirleyi</i>	
<i>Acacia torulosa</i>	
<i>Acacia tropica</i>	
<i>Corymbia pocillum</i>	
<i>Corymbia polycarpa</i>	
<i>Eucalyptus chartaboma</i>	

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Scientific name	Minimum sowing rate (kg/ha)
<i>Erythrophleum chlorostachys</i>	10kg/ha
<i>Eucalyptus confertiflora</i>	
<i>Eucalyptus distans</i>	
<i>Eucalyptus leptophleba</i>	
<i>Eucalyptus melaophloia</i>	
<i>Eucalyptus microneura</i>	
<i>Eucalyptus miniata</i>	
<i>Eucalyptus polycarpa</i>	
<i>Eucalyptus setosa</i>	
<i>Eucalyptus tetrodonta</i>	
<i>Grevillea</i> spp., including <i>G.glauca</i>	
<i>Hakea arborescens</i>	
<i>Melaleuca nervosa</i>	
<i>Melaleuca viridiflora</i>	
<i>Melaleuca leucadendron</i>	
<i>Petalostigma banksii</i>	

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Scientific name	Minimum sowing rate (kg/ha)
<i>Terminalia</i> spp., including <i>T.oblongata</i>	
Notes: a) Buffel grass (<i>Cenchrus ciliaris</i>) will be excluded, but sterile exotic annual cover crop species may be included. b) All palatable perennial pastures (3P) suitable for grazing that are native and endemic to REs RE 2.5.9 / RE 2.5.19a RE 9.12.33c are to be included in the seed mix for native pasture development. Where available, seed sources will be of local provenance. Suitable 3P grasses may include: ○ <i>Heteropogon</i> spp., including <i>H.contortus</i> ○ <i>Sarga plumosum</i> ○ <i>Chrysopogon</i> spp., including <i>C. fallax</i>	
Total	

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Table 2. PRCP BioCondition scores

BioCondition attribute	Weighting	RE 2.5.9 / RE 2.5.19a benchmark (applies to RA2, RA5, RA7, RA8, RA9)	RE 9.12.33c benchmark (Applied to RA1, RA3, RA4)
Tree canopy height (m) (Not applicable to Content WRD within RA1, RA3 and RA4)	5	11	7
Dominant canopy species present as regeneration (%) (Not applicable to Content WRD within RA1, RA3 and RA4)	5	100	100
Native tree canopy cover (%) (Not applicable to Content WRD within RA1, RA3 and RA4)	5	27	14
Dominant shrub layer species present as regeneration (Only applicable to RA3 and RA4)	5	100	100
Native shrub canopy cover (%)	5	9	9
Native tree species richness (Not applicable to Content WRD within RA1, RA3 and RA4)	5	3	3
Native shrub species richness	5	6	4
Native grass species richness	5	4	6
Native forbs and other native species richness	5	6	14
Non-native plant cover (%)	10	0	0
Native perennial grass cover (%)	5	37	49
Organic litter ground cover (%)	5	24	12
RM5 Minimum score (all RAs excluding Content WRD within RA1, RA3, RA4)	22		
RM5 Minimum score (Content WRD within RA1, RA3 and RA4 only)	17.5		

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RM6 Minimum score (all RAs excluding Content WRD within RA1, RA3 and RA4)	39		
RM6 Minimum score (Content WRD within RA1, RA3 and RA4 only)	28.5		

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Table 3. 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

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Table 4. Surface water monitoring locations

Monitoring Locations	Receiving waters location description	Latitude (decimal degree, GDA2020)	Longitude (decimal degree, GDA2020)
<i>Upstream monitoring locations</i>			
SW3b-a	Slaughteryard Creek Upstream	-18.2134	142.0641
BCUS	Belmore Creek Upstream	-18.1741	142.2092
SW10	Belmore Creek Upstream (u/s 1)	-18.1642	142.2194
<i>Downstream monitoring locations</i>			
SW1	Lower Slaughteryard Creek	-18.2076	142.2327
SW2a	Slaughteryard Creek West Tributary	-18.1978	142.2379
SW3a	Downstream of Golden Butterfly WRD	-18.1909	142.2379
SW4	Stock water dam	-18.1941	142.239
SW6	Belmore Dam - Belmore Creek Downstream	-18.1802	142.2094
SW8	Unnamed tributary downstream of borrow pit	-18.1772	142.2025
BCDS	Belmore Creek Downstream	-18.1756	142.1983
SW9	Unnamed Creek Downstream of Content Pit in the vicinity of SW5 and BH12	-18.1757	142.2161

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Table 5. Surface water quality limits

Quality characteristic (units)	Belmore Creek Limit	Slaughteryard Creek Limit	Source
pH	6.0-8.0	6.0-8.0	Site-specific
Electrical Conductivity (µS/cm)	87	148	Site-specific
Turbidity (NTU)	30	127	Site-specific
Sulphate (mg/L)	7.5	18	Site-specific
Fluoride (mg/L)	0.17	0.3	Site-specific
Cyanide (µg/L)	7	7	ANZG 2018
Aluminium - dissolved (µg/L)	576	600	Site-specific
Arsenic - dissolved (µg/L)	24	13	Site-specific/ANZG 2018
Cadmium - dissolved (µg/L)	0.2	0.2	ANZG 2018
Chromium - dissolved (µg/L)	1	1	ANZG 2018
Cobalt - dissolved (µg/L)	1.4	4	ANZG 2018
Copper - dissolved (µg/L)	4	6	Site-specific
Iron	Monitor	Monitor	
Manganese - dissolved (µg/L)	100	100	Site-specific
Molybdenum - dissolved (µg/L)	34	34	ANZG 2018
Nickel - dissolved (µg/L)	11	11	ANZG 2018
Selenium - dissolved (µg/L)	5	5	ANZG 2018
Uranium - dissolved (µg/L)	0.5	0.5	ANZG 2018
Zinc - dissolved (µg/L)	8	24	ANZG 2018/Site-specific
Major ions (mg/L) Calcium, chloride, potassium, magnesium, sodium, bicarbonate, carbonate	For interpretation purposes		

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Hardness (mg/L)	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.
- Site-specific based on data from BCUS and SW3b.
- ANZG 2018 - Aquatic ecosystem protection for moderately disturbed system (95% species protection).

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Table 6. Groundwater monitoring locations

Monitoring Bore	Formation	Coordinates	
		Latitude (Decimal degrees, GDA2020)	Longitude (Decimal degrees, GDA2020)
BH1 ^A	Bedrock	-18.1961	142.2413
BH3 ^A	Bedrock	-18.1938	142.2387
BH4 ^A	Bedrock	-18.1931	142.2386
BH5 ^A		-18.1927	142.2386
BH6 ^A			
BH7 ^A	Bedrock	-18.1918	142.2387
BH8 ^A	Bedrock	-18.1926	142.2349
BH9 ^A	Bedrock	-18.1932	142.2354
BH10	Bedrock	-18.1766	142.2173
BH11	Bedrock	-18.1752	142.2184
BH12	Bedrock	-18.1756	142.2162
BH13		-18.197988	142.2382622
GBMB1	Cainozoic	-18.1997	142.2378
GBMB3	Cainozoic	-18.201559	142.2358442
GBMB6	Cainozoic	-18.205477	142.2317225
SY1	Quaternary Alluvium	-18.2076	142.2315
EN GWMB1B	Granite (fresh)	-18.177867	142.222393
EN GWMB1A	Granite (weathered)	-18.177867	142.222393
EN GWMB2	Granite (weathered)	-18.190051	142.2336791

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EN GWMB3	Granite (weathered)	-18.194819	142.2358503
EN GWMB4	Granite (weathered)	-18.197171	142.2380871
EN GWMB5	Granite (weathered)	-18.195957	142.2440542
EN GWMB6B	Gabbro (fresh)	-18.172492	142.2190914
EN GWMB6A	Andesite (weathered)	-18.172492	142.2190914
EN GWMB7	Granite (weathered)	-18.180615	142.2223307

A. Bores are proposed to be decommissioned due to mining activities.

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Table 7. Groundwater quality limits

	Content Pit and Lady Isabella Pit	Iguana and Bombay (Slaughteryard Creek)	Iguana and Bombay	Downgradient	
Quality characteristic (units)	Limit (BH10, BH11, BH12, ENGWMB1A, ENGWMB1B, ENGWMB6A, ENGWMB6B, ENGWMB7)	Limit (BH1, BH3, BH4, BH5, BH6, BH7, BH8, BH9)	Limit (BH13, ENGWMB2, ENGWMB3, ENGWMB4, GBMB1)	Limit (ENGWMB5, GBMB3, GBMB6, SY1)	Source
pH (pH units)	5.0 – 8.5	5.0 – 8.5	5.0 – 8.5	5.0 – 8.5	Site specific
Electrical conductivity (µS/cm)	See below table	See below table	860	420	Site specific
Sulfate (mg/L)	See below table	See below table	240	20	Site specific
Fluoride (mg/L)	4.6	2.6	2.6	1	Site specific
Cyanide (µg/L)	7	7	7	7	ANZG 2018
Aluminium - dissolved (µg/L)	55	55	55	55	ANZG 2018
Arsenic - dissolved (µg/L)	88	50	40	13	Site specific
Cadmium - dissolved (µg/L)	1	1	1	0.2	Site specific
Chromium - dissolved (µg/L)	4	4	4	4	Site specific
Cobalt - dissolved (µg/L)	3	15	3	3	Site specific
Cobalt - dissolved (µg/L) - BH10	27	-	-	-	Site specific
Copper - dissolved (µg/L)	15	15	15	15	Site specific
Iron					Monitor

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	Content Pit and Lady Isabella Pit	Iguana and Bombay (Slaughteryard Creek)	Iguana and Bombay	Downgradient	
Quality characteristic (units)	Limit (BH10, BH11, BH12, ENGWMB1A, ENGWMB1B, ENGWMB6A, ENGWMB6B, ENGWMB7)	Limit (BH1, BH3, BH4, BH5, BH6, BH7, BH8, BH9)	Limit (BH13, ENGWMB2, ENGWMB3, ENGWMB4, GBMB1)	Limit (ENGWMB5, GBMB3, GBMB6, SY1)	Source
Manganese - dissolved (µg/L)	1,900	1,900	1,900	1,900	ANZG 2018
Molybdenum - dissolved (µg/L)	34	34	34	34	ANZG 2018
Nickel - dissolved (µg/L)	11	11	11	11	ANZG 2018
Selenium - dissolved (µg/L)	5	5	5	5	ANZG 2018
Uranium - dissolved (µg/L)	0.5	0.5	0.5	0.5	ANZG 2018
Zinc - dissolved (µg/L)	43	43	40	40	Site specific
Major ions (mg/L) Calcium, chloride, potassium, magnesium, sodium, bicarbonate, carbonate	For interpretation purposes				
Hardness (mg/L)	For interpretation purposes				
Water level (mAHD)	For interpretation purposes				

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	Content Pit and Lady Isabella Pit							
	BH10	BH11	BH12	ENGWMB1A	ENGWMB1B	ENGWMB6A	ENGWMB6B	ENGWMB7
Electrical conductivity (µS/cm)	2,749	430	1,794	521	1,800	876	897	1,190
Sulfate (mg/L)	1,290	62	205	86	988	470	280	578

	Iguana and Bombay (to be decommissioned)							
	BH1	BH3	BH4	BH5	BH6	BH7	BH8	BH9
Electrical conductivity (µS/cm)	1,486	2,061	6,333	6,600	1,605	8,210	243	166
Sulfate (mg/L)	538	285	2,030	2,030	305	2,300	47	23

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