

# PRCP schedule

*Environmental Protection Act 1994*

## PRCP schedule P-PRCP-100821897

*This is the approved form for a PRCP schedule issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.*

**PRCP schedule:** P-PRCP-100821897

### PRCP schedule holder(s)

| Name(s)                                        | Registered address                                |
|------------------------------------------------|---------------------------------------------------|
| Mt Rawdon Operations Pty Ltd<br>ACN: 152727663 | Level 24, 175 Liverpool Street<br>Sydney NSW 2000 |

### Location details

| Location(s)                                                                       |
|-----------------------------------------------------------------------------------|
| Mining Lease (ML) 1231, ML1259, ML50119, ML100059, ML1192, ML1203, ML1204, ML1210 |

### 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.

*T.Gibbs*

Signature

1 September 2025

Date

### Teale Gibbs

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 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 EA EPML00712113 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 30 days of the land becoming 'available for rehabilitation'; and
  - (b) unless otherwise agreed to by the administering authority in writing, within 90 days of the land becoming 'available for rehabilitation', apply to the administering authority to amend this schedule in a way that maximises the progressive rehabilitation of the land to a stable condition, including bring forward achievement of relevant milestones and criteria.
- 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.
- 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 (PMLU), and
  - (b) sufficient improvement for non use management areas (NUMA), 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 3, 31 January 2025; and
  - (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.*

**PRCP8**

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

- (a) Achievement and maintenance of each rehabilitation 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;
- (i) Details of community consultation in the community consultation register relating to rehabilitation and closure activities.

**PRCP9**

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

**PRCP10**

Records made under **PRCP8** must be provided to the administering authority in the specified format within 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**

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 years, from **22 August 2025** and within a year of any surrender application.

**PRCP13**

The holder must, by **22 August 2028**, submit to the administering authority a flood susceptibility and impact assessment prepared by an independent AQP. The assessment must:

- (a) Describe potential risks and impacts under extreme flood events (up to and including the probable maximum flood (PMF)), including quantifying potential impacts to all regulated structures (including the West Dam Embankment, Perry River Dam\*, Sediment Dams WD1–WD4 and SD3, and the Tailings Storage Facility), the final rehabilitated landform, and the receiving environment; and
- (b) Confirm that the design and management of all flood protection landforms and retained structures will not result in:
  - (i) high or irreversible impacts to the dam structures, final rehabilitated landform, or the receiving environment under extreme events (up to and including the PMF),
  - (ii) impacts on the final rehabilitated landform under extreme events (up to and including the PMF) that are significantly different to impacts experienced by the surrounding environment exposed to the same flood event.

*\*Perry River Dam included for modelling purposes and is not located on the mining leases.*

- PRCP14** The holder must, by **22 August 2028** submit to the administering authority an independent AQP certification that certifies the work completed under **PRCP13** appropriately addresses the requirements of **PRCP13** and that they support the findings of the assessment.
- PRCP15** The holder must, by **22 August 2031**, for the relevant structures and prior to the cover being installed, provide to the administering authority an AQP prepared and peer reviewed, landform closure design report, which includes detailed engineering designs and a durability assessment.
- PRCP16** 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 **31 January 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.
- PRCP17** 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,
  - (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.
- PRCP18** The documents required under **PRCP15** (detailed in **PRCP16** and **PRCP17**) must be developed by an AQP and independent 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.

**PRCP19**

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

**PRCP20**

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 **PRCP15** must also be provided in relation to the updates

**END OF CONDITIONS**

## 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—<br>(a) preparing a place for the activity before carrying out the activity;<br>(b) rehabilitating a place after it has been used for carrying out the activity.                                                                                                                                                                                                            |
| ANZG 2018                            | means Australian and New Zealand Guidelines for Fresh and Marine Water Quality. Previously ANZECC (2000).                                                                                                                                                                                                                                                                                                                                        |
| 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.                                                                                                                                                                                                                          |
| Ecological corridor                  | An ecological corridor is a linear area of native vegetation that connects fragmented ecosystems, facilitating the movement, dispersal, and genetic exchange of native wildlife.                                                                                                                                                                                                                                                                 |
| Ecosystem altering weed              | means invasive plant species that significantly disrupt the natural balance, structure, or function of an ecosystem.                                                                                                                                                                                                                                                                                                                             |
| 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 appropriately qualified person (AQP) who is a third party, being independent of the PRCP schedule holder, and has not previously provided advice on the matter the subject of the review.                                                                                                                                                                                                                                                  |
| Independently peer reviewed          | means a peer reviewer who is a third-party to the PRCP schedule holder and the appropriately qualified person (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 <sub>2</sub> SO <sub>4</sub> /tonne and 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: <ul style="list-style-type: none"> <li>(a) Final landform design report,</li> <li>(b) Durability assessment/ report,</li> <li>(c) “As Constructed” report;</li> <li>(d) All monitoring data</li> <li>(e) Assessment of monitoring data,</li> <li>(f) All maintenance records; and</li> <li>(g) Modelling and technical assessments.</li> </ul>                                                                 |
| 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.<br><br>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> .                                                                                                                                                                                                                                                                                                                                                       |
| Stepping stone                                  | A stepping stone is a discrete patch of native vegetation strategically placed within a fragmented landscape to provide habitat, foraging resources, and temporary refuge. Stepping stones occur as a series, enabling the movement and dispersal of native wildlife between larger habitat areas across a fragmented landscape.                                                                                         |
| 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— <ul style="list-style-type: none"> <li>(a) has qualifications and experience relevant to performing the function; and</li> <li>(b) if a regulation prescribes an organisation for this paragraph—is a member of the organisation.</li> </ul>       |

|                                |                                                                                                                                                                                                |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vegetative groundcover         | Means plants, plant litter, tree leaf litter, twigs and woody debris capable of protecting the soil surface from erosion                                                                       |
| Weeds of national significance | Australian Government declared list of Weeds of National Significance (WoNS). Weeds included in the list have been determined as causing major economic, environmental, and/or social impacts. |

## Section C - Final site design and reference maps

Figure 1. Post-Mine Land Uses and Non-Use Management Areas

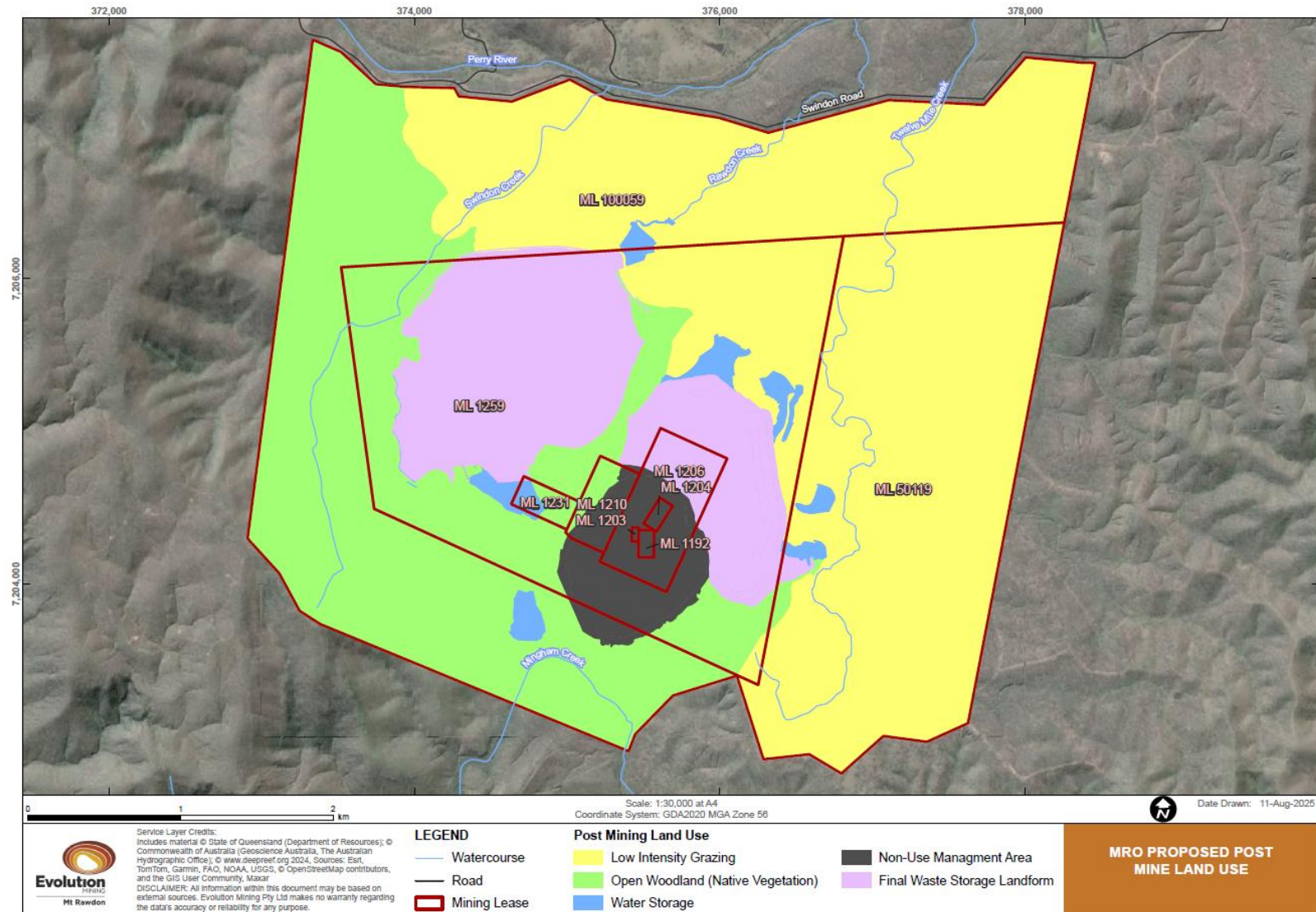
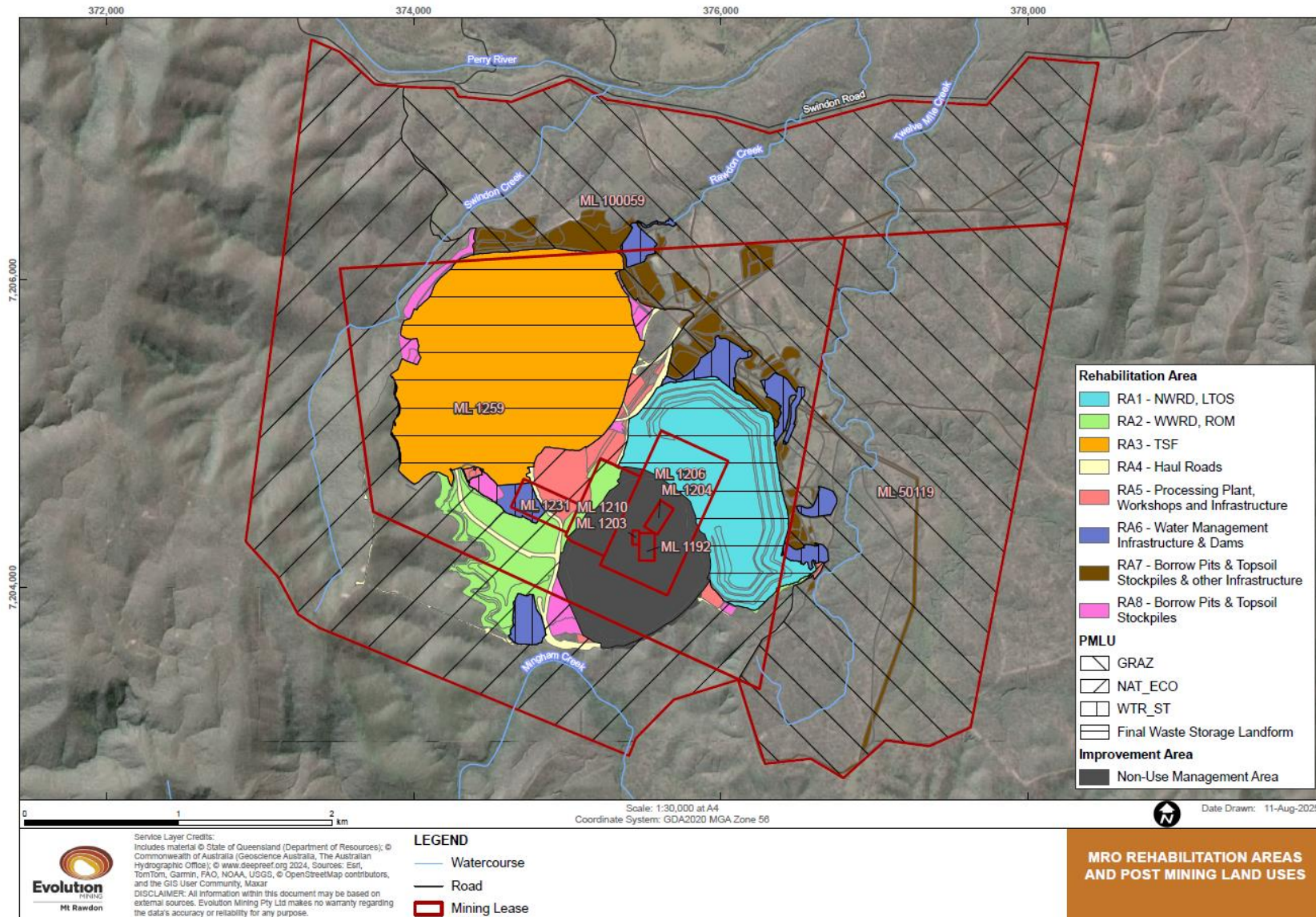


Figure 2. Rehabilitation and Improvement Areas



## Section D – Post mining land uses

| Milestone reference | Rehabilitation milestone                                     | Rehabilitation Area |     |     |     |     |     |     |     |
|---------------------|--------------------------------------------------------------|---------------------|-----|-----|-----|-----|-----|-----|-----|
|                     |                                                              | RA1                 | RA2 | RA3 | RA4 | RA5 | RA6 | RA7 | RA8 |
| <b>RM1</b>          | Infrastructure decommissioning and removal                   |                     |     |     |     |     |     |     |     |
| <b>RM2</b>          | Identification, remediation and removal of contaminated land |                     |     |     |     |     |     |     |     |
| <b>RM3</b>          | Landform development and reshaping                           |                     |     |     |     |     |     |     |     |
| <b>RM4</b>          | Installation of a cover system                               |                     |     |     |     |     |     |     |     |
| <b>RM5</b>          | Surface preparation                                          |                     |     |     |     |     |     |     |     |
| <b>RM6</b>          | Revegetation                                                 |                     |     |     |     |     |     |     |     |
| <b>RM7</b>          | Achievement of surface requirement                           |                     |     |     |     |     |     |     |     |
| <b>RM8</b>          | Achievement of post-mining land use to a stable condition    |                     |     |     |     |     |     |     |     |

**(RA1) Rehabilitation area 1**

| Post-mining land uses (PMLU)         |                               |            |            |  |  |                                                                        |  |  |  |  |
|--------------------------------------|-------------------------------|------------|------------|--|--|------------------------------------------------------------------------|--|--|--|--|
| Rehabilitation area                  |                               |            |            |  |  | RA1                                                                    |  |  |  |  |
| Relevant activities                  |                               |            |            |  |  | North Waste Rock Dump (NWRD) - Waste rock and long-term ore stockpiles |  |  |  |  |
| Total rehabilitation area size (ha)  |                               |            |            |  |  | 99.83                                                                  |  |  |  |  |
| Commencement of first milestone: RM1 |                               |            |            |  |  | 10/06/2029                                                             |  |  |  |  |
| PMLU                                 |                               |            |            |  |  | Final Waste Storage Landform                                           |  |  |  |  |
| Date area is available               | 10/12/2028                    | 10/12/2030 | 10/12/2032 |  |  |                                                                        |  |  |  |  |
| Cumulative area available (ha)       | 99.83                         | 99.83      | 99.83      |  |  |                                                                        |  |  |  |  |
| Milestone completed by               | 10/12/2030                    | 10/12/2032 | 10/12/2040 |  |  |                                                                        |  |  |  |  |
| Milestone Reference                  | Cumulative area achieved (ha) |            |            |  |  |                                                                        |  |  |  |  |
| RM1                                  | 99.83                         |            |            |  |  |                                                                        |  |  |  |  |
| RM3                                  | 99.83                         |            |            |  |  |                                                                        |  |  |  |  |
| RM4                                  |                               | 99.83      |            |  |  |                                                                        |  |  |  |  |
| RM5                                  |                               | 99.83      |            |  |  |                                                                        |  |  |  |  |
| RM6                                  |                               |            | 99.83      |  |  |                                                                        |  |  |  |  |
| RM7                                  |                               |            | 99.83      |  |  |                                                                        |  |  |  |  |
| RM8                                  |                               |            | 99.83      |  |  |                                                                        |  |  |  |  |

**(RA2) Rehabilitation area 2**

| Post-mining land uses (PMLU)         |                                                                                                                                             |            |  |  |  |  |  |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------|--|--|--|--|--|
| Rehabilitation area                  | RA2                                                                                                                                         |            |  |  |  |  |  |
| Relevant activities                  | West Waste Rock Dump (WWRD) (Non-acid forming waste rock stockpile (WWRD), Run of Mine (ROM) (temporary ore storage), and supporting drains |            |  |  |  |  |  |
| Total rehabilitation area size (ha)  | WWRD 39.35ha, ROM 6.26ha, drains 2.93ha = Total 48.54 ha                                                                                    |            |  |  |  |  |  |
| Commencement of first milestone: RM1 | 01/06/2033                                                                                                                                  |            |  |  |  |  |  |
| PMLU                                 | Open woodland                                                                                                                               |            |  |  |  |  |  |
| Date area is available               | 10/12/2032                                                                                                                                  | 10/12/2034 |  |  |  |  |  |
| Cumulative area available (ha)       | 48.54                                                                                                                                       | 48.54      |  |  |  |  |  |
| Milestone completed by               | 10/12/2034                                                                                                                                  | 10/12/2042 |  |  |  |  |  |
| Milestone Reference                  | Cumulative area achieved (ha)                                                                                                               |            |  |  |  |  |  |
| RM1                                  | 48.54                                                                                                                                       |            |  |  |  |  |  |
| RM2                                  | 48.54                                                                                                                                       |            |  |  |  |  |  |
| RM3                                  | 48.54                                                                                                                                       |            |  |  |  |  |  |
| RM5                                  | 48.54                                                                                                                                       |            |  |  |  |  |  |
| RM6                                  |                                                                                                                                             | 48.54      |  |  |  |  |  |
| RM7                                  |                                                                                                                                             | 48.54      |  |  |  |  |  |
| RM8                                  |                                                                                                                                             | 48.54      |  |  |  |  |  |

**(RA3) Rehabilitation area 3**

| Post-mining land uses (PMLU)         |                               |            |  |  |                                                                                       |  |  |  |  |  |
|--------------------------------------|-------------------------------|------------|--|--|---------------------------------------------------------------------------------------|--|--|--|--|--|
| Rehabilitation area                  |                               |            |  |  | RA3                                                                                   |  |  |  |  |  |
| Relevant activities                  |                               |            |  |  | Tailings Storage Facility, including seepage interception trenches and seepage ponds. |  |  |  |  |  |
| Total rehabilitation area size (ha)  |                               |            |  |  | 203.92 ha                                                                             |  |  |  |  |  |
| Commencement of first milestone: RM1 |                               |            |  |  | 01/06/2029                                                                            |  |  |  |  |  |
| PMLU                                 |                               |            |  |  | Final Waste Storage Landform                                                          |  |  |  |  |  |
| Date area is available               | 10/12/2028                    | 10/12/2034 |  |  |                                                                                       |  |  |  |  |  |
| Cumulative area available (ha)       | 203.92                        | 203.92     |  |  |                                                                                       |  |  |  |  |  |
| Milestone completed by               | 10/12/2034                    | 10/12/2042 |  |  |                                                                                       |  |  |  |  |  |
| Milestone Reference                  | Cumulative area achieved (ha) |            |  |  |                                                                                       |  |  |  |  |  |
| RM1                                  | 203.92                        |            |  |  |                                                                                       |  |  |  |  |  |
| RM3                                  | 203.92                        |            |  |  |                                                                                       |  |  |  |  |  |
| RM4                                  | 203.92                        |            |  |  |                                                                                       |  |  |  |  |  |
| RM5                                  | 203.92                        |            |  |  |                                                                                       |  |  |  |  |  |
| RM6                                  |                               | 203.92     |  |  |                                                                                       |  |  |  |  |  |
| RM7                                  |                               | 203.92     |  |  |                                                                                       |  |  |  |  |  |
| RM8                                  |                               | 203.92     |  |  |                                                                                       |  |  |  |  |  |

**(RA4) Rehabilitation area 4**

| Post-mining land uses (PMLU)         |                               |            |  |                                      |  |  |  |  |  |  |
|--------------------------------------|-------------------------------|------------|--|--------------------------------------|--|--|--|--|--|--|
| Rehabilitation area                  |                               |            |  | RA4                                  |  |  |  |  |  |  |
| Relevant activities                  |                               |            |  | Haul Roads and internal access roads |  |  |  |  |  |  |
| Total rehabilitation area size (ha)  |                               |            |  | 16.07 ha                             |  |  |  |  |  |  |
| Commencement of first milestone: RM1 |                               |            |  | 01/06/2029                           |  |  |  |  |  |  |
| PMLU                                 |                               |            |  | Open woodland                        |  |  |  |  |  |  |
| Date area is available               | 10/12/2028                    | 10/12/2034 |  |                                      |  |  |  |  |  |  |
| Cumulative area available (ha)       | 16.07                         | 16.07      |  |                                      |  |  |  |  |  |  |
| Milestone completed by               | 10/12/2034                    | 10/12/2042 |  |                                      |  |  |  |  |  |  |
| Milestone Reference                  | Cumulative area achieved (ha) |            |  |                                      |  |  |  |  |  |  |
| RM1                                  | 16.07                         |            |  |                                      |  |  |  |  |  |  |
| RM2                                  | 16.07                         |            |  |                                      |  |  |  |  |  |  |
| RM3                                  | 16.07                         |            |  |                                      |  |  |  |  |  |  |
| RM5                                  | 16.07                         |            |  |                                      |  |  |  |  |  |  |
| RM6                                  |                               | 16.07      |  |                                      |  |  |  |  |  |  |
| RM7                                  |                               | 16.07      |  |                                      |  |  |  |  |  |  |
| RM8                                  |                               | 16.07      |  |                                      |  |  |  |  |  |  |

**(RA5) Rehabilitation area 5**

| Post-mining land uses (PMLU)         |                               |            |  |                                                                                             |  |  |  |  |  |  |
|--------------------------------------|-------------------------------|------------|--|---------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Rehabilitation area                  |                               |            |  | RA5                                                                                         |  |  |  |  |  |  |
| Relevant activities                  |                               |            |  | Processing Plant, Workshops, and Infrastructure Management Areas within open woodland areas |  |  |  |  |  |  |
| Total rehabilitation area size (ha)  |                               |            |  | 24.29ha                                                                                     |  |  |  |  |  |  |
| Commencement of first milestone: RM1 |                               |            |  | 01/06/2029                                                                                  |  |  |  |  |  |  |
| PMLU                                 |                               |            |  | Open woodland                                                                               |  |  |  |  |  |  |
| Date area is available               | 10/12/2028                    | 10/12/2034 |  |                                                                                             |  |  |  |  |  |  |
| Cumulative area available (ha)       | 24.29                         | 24.29      |  |                                                                                             |  |  |  |  |  |  |
| Milestone completed by               | 10/12/2034                    | 10/12/2042 |  |                                                                                             |  |  |  |  |  |  |
| Milestone Reference                  | Cumulative area achieved (ha) |            |  |                                                                                             |  |  |  |  |  |  |
| RM1                                  | 24.29                         |            |  |                                                                                             |  |  |  |  |  |  |
| RM2                                  | 24.29                         |            |  |                                                                                             |  |  |  |  |  |  |
| RM3                                  | 24.29                         |            |  |                                                                                             |  |  |  |  |  |  |
| RM5                                  | 24.29                         |            |  |                                                                                             |  |  |  |  |  |  |
| RM6                                  |                               | 24.29      |  |                                                                                             |  |  |  |  |  |  |
| RM7                                  |                               | 24.29      |  |                                                                                             |  |  |  |  |  |  |
| RM8                                  |                               | 24.29      |  |                                                                                             |  |  |  |  |  |  |

**(RA6) Rehabilitation area 6**

| Post-mining land uses (PMLU)         |                               |  |  |                                          |  |  |  |  |  |  |
|--------------------------------------|-------------------------------|--|--|------------------------------------------|--|--|--|--|--|--|
| Rehabilitation area                  |                               |  |  | RA6                                      |  |  |  |  |  |  |
| Relevant activities                  |                               |  |  | Water Management Infrastructure and Dams |  |  |  |  |  |  |
| Total rehabilitation area size (ha)  |                               |  |  | 34.399 ha                                |  |  |  |  |  |  |
| Commencement of first milestone: RM1 |                               |  |  | 01/06/2033                               |  |  |  |  |  |  |
| PMLU                                 |                               |  |  | Water storage                            |  |  |  |  |  |  |
| Date area is available               | 10/12/2032                    |  |  |                                          |  |  |  |  |  |  |
| Cumulative area available (ha)       | 34.399                        |  |  |                                          |  |  |  |  |  |  |
| Milestone completed by               | 10/12/2042                    |  |  |                                          |  |  |  |  |  |  |
| Milestone Reference                  | Cumulative area achieved (ha) |  |  |                                          |  |  |  |  |  |  |
| RM1                                  | 34.399                        |  |  |                                          |  |  |  |  |  |  |
| RM2                                  | 34.399                        |  |  |                                          |  |  |  |  |  |  |
| RM3                                  | 34.399                        |  |  |                                          |  |  |  |  |  |  |
| RM5                                  | 34.399                        |  |  |                                          |  |  |  |  |  |  |
| RM6                                  | 34.399                        |  |  |                                          |  |  |  |  |  |  |
| RM7                                  | 34.399                        |  |  |                                          |  |  |  |  |  |  |
| RM8                                  | 34.399                        |  |  |                                          |  |  |  |  |  |  |

**(RA7) Rehabilitation area 7**

| Post-mining land uses (PMLU)         |                               |            |  |                                                                                                                                                                                                 |  |  |  |  |  |  |
|--------------------------------------|-------------------------------|------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Rehabilitation area                  |                               |            |  | RA7                                                                                                                                                                                             |  |  |  |  |  |  |
| Relevant activities                  |                               |            |  | Borrow pits, Topsoil/growth-media stockpiles, and other infrastructure areas within grazing land                                                                                                |  |  |  |  |  |  |
| Total rehabilitation area size (ha)  |                               |            |  | 32.70 ha topsoil/borrow & Topsoil dump areas,<br>46.39 ha other infrastructure areas (helipad, Orica yard, landfill, miscellaneous, powerlines, small access roads, drains)<br>Total = 79.55 ha |  |  |  |  |  |  |
| Commencement of first milestone: RM1 |                               |            |  | 01/06/2033                                                                                                                                                                                      |  |  |  |  |  |  |
| PMLU                                 |                               |            |  | Low intensity grazing                                                                                                                                                                           |  |  |  |  |  |  |
| Date area is available               | 10/12/2032                    | 10/12/2034 |  |                                                                                                                                                                                                 |  |  |  |  |  |  |
| Cumulative area available (ha)       | 79.55                         | 79.55      |  |                                                                                                                                                                                                 |  |  |  |  |  |  |
| Milestone completed by               | 10/12/2034                    | 10/12/2042 |  |                                                                                                                                                                                                 |  |  |  |  |  |  |
| Milestone Reference                  | Cumulative area achieved (ha) |            |  |                                                                                                                                                                                                 |  |  |  |  |  |  |
| RM1                                  | 79.55                         |            |  |                                                                                                                                                                                                 |  |  |  |  |  |  |
| RM2                                  | 79.55                         |            |  |                                                                                                                                                                                                 |  |  |  |  |  |  |
| RM3                                  | 79.55                         |            |  |                                                                                                                                                                                                 |  |  |  |  |  |  |
| RM5                                  | 79.55                         |            |  |                                                                                                                                                                                                 |  |  |  |  |  |  |
| RM6                                  |                               | 79.55      |  |                                                                                                                                                                                                 |  |  |  |  |  |  |
| RM7                                  |                               | 79.55      |  |                                                                                                                                                                                                 |  |  |  |  |  |  |
| RM8                                  |                               | 79.55      |  |                                                                                                                                                                                                 |  |  |  |  |  |  |

**(RA8) Rehabilitation area 8**

| Post-mining land uses (PMLU)                                     |                               |            |  |                                                                                                                                                                                                                 |  |  |  |  |  |  |
|------------------------------------------------------------------|-------------------------------|------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Rehabilitation area                                              |                               |            |  | RA8                                                                                                                                                                                                             |  |  |  |  |  |  |
| Relevant activities                                              |                               |            |  | Borrow pits and Topsoil/growth-media stockpiles within open woodland areas (includes NAF rock borrow pit – west hill, TSF north-west topsoil/borrow pit areas and other topsoil areas not within grazing PMLU), |  |  |  |  |  |  |
| Total rehabilitation area size (ha)                              |                               |            |  | 16.42 ha                                                                                                                                                                                                        |  |  |  |  |  |  |
| Commencement of first milestone:<br><insert milestone reference> |                               |            |  | 01/06/2033                                                                                                                                                                                                      |  |  |  |  |  |  |
| PMLU                                                             |                               |            |  | Open woodland                                                                                                                                                                                                   |  |  |  |  |  |  |
| Date area is available                                           | 10/12/2032                    | 10/12/2034 |  |                                                                                                                                                                                                                 |  |  |  |  |  |  |
| Cumulative area available (ha)                                   | 16.42                         | 16.42      |  |                                                                                                                                                                                                                 |  |  |  |  |  |  |
| Milestone completed by                                           | 10/12/2034                    | 10/12/2042 |  |                                                                                                                                                                                                                 |  |  |  |  |  |  |
| Milestone Reference                                              | Cumulative area achieved (ha) |            |  |                                                                                                                                                                                                                 |  |  |  |  |  |  |
| RM3                                                              | 16.42                         |            |  |                                                                                                                                                                                                                 |  |  |  |  |  |  |
| RM5                                                              | 16.42                         |            |  |                                                                                                                                                                                                                 |  |  |  |  |  |  |
| RM6                                                              |                               | 16.42      |  |                                                                                                                                                                                                                 |  |  |  |  |  |  |
| RM7                                                              |                               | 16.42      |  |                                                                                                                                                                                                                 |  |  |  |  |  |  |
| RM8                                                              |                               | 16.42      |  |                                                                                                                                                                                                                 |  |  |  |  |  |  |

## Rehabilitation area milestones

| Milestone reference | Rehabilitation milestone                                                         | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RM1                 | Infrastructure decommissioning and removal                                       | <p>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/s by formal Agreement (Deed) the following are complete:</p> <ul style="list-style-type: none"> <li>a) All services disconnected, terminated and removed.</li> <li>b) All buildings and associated infrastructure demolished and removed.</li> <li>c) All concrete, hardstands, and roads removed.</li> <li>d) Linear infrastructure (pipelines, electrical power, fencing) removed.</li> <li>e) All drillholes, bores, sediment ponds and sumps decommissioned</li> <li>f) All machinery and equipment not required for rehabilitation removed from site.</li> <li>g) All fencing and associated foundations removed.</li> <li>h) All pipelines drained and removed.</li> <li>i) All waste not authorised to be disposed of on-site under Environmental Authority EPML00712113 removed.</li> <li>j) All surface water drainage infrastructure that is associated with a watercourse, or forms part of a non use management area (NUMA), is removed.</li> <li>k) All dams: <ul style="list-style-type: none"> <li>i. dewatered</li> <li>ii. desilted</li> <li>iii. liner removed.</li> </ul> </li> <li>l) Watercourse crossings and culverts removed.</li> </ul> <p>1.2 An independent AQP has certified the achievement of <b>RM1.1</b>.</p>                                                                                                                                                                                                                                                                                                                   |
| RM2                 | Investigation and/or remediation of contaminated lands                           | <p>2.1 Contaminated Land Investigation Document completed 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.</p> <p>2.2 Contaminated and hazardous material either remediated in-situ or removed/transported to an approved landfill for disposal and waste tracking information recorded and submitted.</p> <p>2.3 Suitably Qualified person (SQP) certifies that that no contamination unsuitable for the PMLU remains or is occurring.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RM3                 | Landform development and reshaping                                               | <p><b>Milestone criteria that apply to all PMLUs.</b></p> <p>3.1 All major earthworks (including reshaping, pushing/trimming) are completed in accordance with the design specification provided by an AQP.</p> <p>3.2 Diversions/drainage constructed in accordance with the engineering designs developed by an AQP.</p> <p>3.3 Bulk earthworks completed to tolerance of <math>\pm 2</math> m of design.</p> <p>3.4 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</p> <p>3.5 Constructed landform achieves geotechnical stability with a Factor of Safety (FoS) <math>\geq 1.5</math>.</p> <p>3.6 No surface exposure of potentially acid forming (PAF) materials.</p> <p>3.7 All environmentally problematic material is appropriately placed and located within the final landform, consistent with the relevant designs.</p> <p>3.8 Slope angles do not exceed angle of repose.</p> <p>3.9 With the exception of Final Waste Storage Landforms, all landforms are shaped to be water shedding.</p> <p>3.10 Disturbed natural watercourse bed and banks returned to a natural condition with profile similar to the pre-disturbance condition.</p> <p>3.11 Independent AQP has surveyed the final landform and certified that <b>RM3.1 - 3.12</b> have been achieved.</p> <p><b>Milestone criteria that apply to RA2 and RA8:</b></p> <p>3.12 Landforms in <b>RA2</b> and <b>RA8</b> must be reshaped to mimic natural topography, ensuring stability and blending with the surrounding landscape. Reshaping must be completed prior to revegetation and certified by an independent AQP.</p> |
| RM4                 | Installation of surface cover on tailings storage facility (RA3) and North Waste | <p><b>Milestone criteria that apply to RA1 and RA3</b></p> <p>4.1 Cover system design and performance criteria based on level of environmental risk has been endorsed via an independent AQP peer review.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| Milestone reference | Rehabilitation milestone                                         | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | Rock Dump (NWRD) - Waste rock and long-term ore stockpiles (RA1) | <p>4.2 The cover system displays erosional stability, is geotechnically stable and supports the PMLU.</p> <p>4.3 The measured in situ drainage flux from the cover system into the landform has been demonstrated to be &lt;5% of average annual rainfall.</p> <p>4.4 All cover materials are Barren or NAF, and not capable of generating AMD (Acid and Metalliferous Drainage).</p> <p>4.5 The cover system must demonstrate, through in situ monitoring and independent verification, that water infiltration is minimised to levels consistent with the design specifications, and that no measurable increase in contaminant concentrations occurs in basal seepage or surface water runoff attributable to the cover system.</p> <p>4.6 Independent AQP has surveyed the final landform and certified that <b>RM4.1 - 4.5</b> have been achieved.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RM5                 | Surface preparation                                              | <p>5.1 Assessment of growth media characteristics and the development of an amelioration and physical treatment plan is completed by an AQP.</p> <p>5.2 Ameliorant and physical treatments such as fertiliser, lime, gypsum, and/or organic matter are applied as determined from soil testing and plant use requirements and as recommended by the AQP and as identified in criteria <b>RM5.1</b>.</p> <p><b>Milestone criteria that apply to all PMLUs (excluding outer slopes of NWRD and TSF which do not require revegetation)</b></p> <p>5.3 Prior to the application of topsoil/growth media any visible erosion and settlement of cover systems has been remediated.</p> <p>5.4 After resspreading onto the surface of rehabilitation, the growth media is tilled to a minimum of 0.2 m, following the contour.</p> <p>5.5 Apply fertiliser as determined from soil testing and plant use requirements and as recommended by the AQP.</p> <p>5.6 Following amelioration, representative soil testing of growth media and assessment by an AQP confirms:</p> <ul style="list-style-type: none"> <li>a) Acidity as pH, between 6.0 and 8.5;</li> <li>b) Salinity as saturated extract electrical conductivity (EC<sub>e</sub>), ≤2 dS/m;</li> <li>c) Sodicity as exchangeable sodium percentage (ESP), ≤6 %;</li> <li>d) Fertility levels are suitable for the PMLU and target vegetation establishment.</li> </ul> <p>5.7 The surface and groundwater monitoring network are installed, and monitoring is underway (one year of sampling undertaken).</p> <p>5.8 Independent AQP has certified the plan in <b>RM5.1</b> and achievement of <b>RM 5.2 - 5.7</b>.</p>                                                                                                                                                                                                                 |
| RM6                 | Revegetation                                                     | <p><b>Milestone criteria that apply to all PMLUs (excluding outer slopes of NWRD and TSF which do not require revegetation)</b></p> <p>6.1 All revegetation trials embarked on immediately to demonstrate that methodologies pursued will work.</p> <p>6.2 Seeding completed using seed mix and sowing rates described in <b>Appendix 1: Seed mix and application rate</b> or as amended for additional native locally appropriate species as recommended by an AQP and certified as suitable to achieve a stable condition and achieve the PMLU.</p> <p>6.3 Monitoring needs to be sufficiently intensive and frequent over the first two seasons (years) to ensure the survival of seedlings, and all species required (reference community composition).</p> <p>6.4 At least three canopy species dominating revegetation at year 1 and year 2.</p> <p>6.5 Maintenance should be in accordance with survival of seedlings and to ensure surviving composition is appropriate for the PMLU.</p> <p>6.6 Maintenance will ensure that erosion is contained.</p> <p>6.7 For RA1, and RA3, seeding completed using seed mix and sowing rates described in <b>Appendix 1: Seed mix and application rate</b>, and <b>Appendix 3.2: Mt Rawdon - BioCondition milestone criteria for mine site rehabilitation – TSF and WRD</b>.</p> <p>6.8 Non-native seed must not be used for the revegetation except where a sterile cover crop is required for temporary erosion and/or sediment control.</p> <p>6.9 Soil health must be monitored annually for all rehabilitation areas to ensure long-term productivity, including testing for organic matter, microbial activity, and nutrient levels.</p> <p>6.10 Stock exclusion fencing has been established to prevent stock from grazing newly seeded areas.</p> <p>6.11 Independent AQP has certified the achievement of <b>RM 6.1 - 6.10</b>.</p> |
| RM7                 | Achievement of surface requirement                               | <p><b>Milestone criteria that apply to all PMLUs</b></p> <p>7.1 Revegetation monitoring needs to be sufficiently intensive and frequent to ensure the survival of all species.</p> <p>7.2 AQP confirms that no <b>ecosystem altering weeds</b> (environmental weeds) or <b>weeds of national significance</b> are greater than a total 5 % of the vegetation cover (i.e., no more than 5 % in total). Naturalised grass species (i.e. Red Natal (<i>Melinis repens</i>) and Rhodes (<i>Chloris gayana</i>)) may be present greater than 5% in total if AQP determines that they are being appropriately managed and supportive towards overall ecosystem function.</p> <p>7.3 Native vegetative groundcover is &gt;50 %, with native perennial grasses and litter comprising ≥25 % of total groundcover.</p> <p>7.4 Rehabilitated landforms are assessed as geotechnically stable with FoS ≥1.5.</p> <p>7.5 With respect to erosion:</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Milestone reference | Rehabilitation milestone                                  | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |                                                           | <p>a) No erosion classified as 'moderate' or 'severe' as defined by <b>Appendix 2 – Erosion classification framework</b></p> <p>b) No erosion will compromise the achievement of a PMLU to a stable condition.</p> <p>c) Erosion requiring intervention has been remediated and does not impact achieving the PMLU.</p> <p>7.6 The growth media (topsoil and subsoil) physical, chemical, and biological properties do not limit vegetation cover performance or restrict the potential effective depth of rooting.</p> <p>7.7 No surface exposure of PAF materials.</p> <p>7.8 No scouring, overtopping, sedimentation or destabilisation in or associated with erosion and sediment control and engineered drainage structures.</p> <p>7.9 All contour banks and other temporary erosion and sediment control structures have been removed.</p> <p>7.10 Any ESC and drainage structures to be retained as permanent features remain stable with no increased risk of gully erosion at surrender.</p> <p>7.11 The stability assessment required as per <b>RM7.13</b> must consider performance, maintenance requirements and residual risk post closure.</p> <p>7.12 Independent AQP certifies achievement of <b>RM7.1 - 7.18</b>.</p> <p><b>Specific criteria for RA1 and RA3:</b></p> <p>7.13 Monitoring data and technical assessments indicate that the tailings storage facility and waste rock dumps are on a trajectory to achieve a stable condition.</p> <p>7.14 Native plant species richness and diversity. Refer to <b>Appendix 3.2 - Mt Rawdon - BioCondition milestone criteria for mine site rehabilitation – TSF and WRD</b>:</p> <p>a) Shrubs, ≥3 (Count).</p> <p>b) Maximum rooting depth does not impact the physical integrity of the cover system.</p> <p>c) Grasses, ≥3 (Count).</p> <p><b>PMLU specific criteria for Open Woodland (RA2, RA4, RA5, RA8):</b></p> <p>7.15 A BioCondition assessment is completed by an AQP using the methodology outlined in the latest version of the Queensland Herbarium published '<i>BioCondition Assessment Manual</i>' and determines that the overall BioCondition is maintained or improving over time.</p> <p>7.16 The BioCondition assessment completed under <b>RM7.15</b> complies with the PRCP Benchmark for the PMLU. The overall BioCondition score exceeds 20/60, as per <b>Appendix 3.1 – BioCondition milestone criteria for mine site rehabilitation</b>.</p> <p><b>Specific criteria for low intensity grazing (RA7)</b></p> <p>7.17 Land Suitability Class 1, 2, or 3.</p> <p>7.18 Minimum vegetation composition (per hectare (averaged)) of:</p> <p>a) Four species of native '3P' (perennial, productive, and palatable) native pasture species. Where 3P species are not available, native pasture species appropriate to the area and suitable for the PMLU are acceptable,</p> <p>b) Two native legume species, and</p> <p>c) 10 % locally suitable native shade tree and shrub cover.</p> <p>d) Inclusion of vegetation <b>stepping stone</b> or <b>ecological corridor</b> traversing the low intensity grazing landscape and connecting with areas of native vegetation. Stepping stones placed no more than 50 metres apart to facilitate wildlife movement. Corridors must include a mix of native trees, shrubs, and groundcover species to mimic natural ecosystems and connect rehabilitated areas to surrounding native vegetation. The effectiveness of corridors must be monitored annually for five years, with adaptive management applied as needed.</p> |
| RM8                 | Achievement of post-mining land use to a stable condition | <p><b>Milestone criteria that apply to all PMLUs.</b></p> <p>8.1 Safety hazards in rehabilitation are not significantly different to surrounding unmined landscapes subject to the same land use.</p> <p>8.2 Landform is geotechnically stable and achieves a FoS ≥1.5.</p> <p>8.3 The land is structurally and erosionally stable.</p> <p>8.4 With respect to erosion:</p> <p>a) No evidence of erosion classified as 'moderate' or 'severe' as defined by <b>Appendix 2 – Erosion classification framework</b>.</p> <p>b) Any erosion present will not compromise the achievement of a PMLU to a stable condition.</p> <p>c) All other erosion requiring intervention has been remediated and does not impact achieving the PMLU.</p> <p>d) No evidence of scouring, overtopping, sedimentation, or destabilisation in or associated with erosion and sediment control and engineered drainage structures.</p> <p>8.5 AQP confirms that <b>ecosystem altering weeds</b> (environmental weeds) and/or <b>weeds of national significance</b> compose no greater than a total 5 % of the vegetation cover (i.e., no more than 5 % in total) and are being appropriately managed to ensure that this PMLU is achieved. Naturalised grass species (i.e. Red Natal (Melinis</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| Milestone reference | Rehabilitation milestone | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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|                     |                          | <p>repens) and Rhodes (Chloris gayana)) may be present greater than 5% in total if AQP determines that they are being appropriately managed and supportive towards overall ecosystem function.</p> <p>8.6 Soil testing of the growth media confirms the topsoil and subsoil physical, chemical, and biological properties do not limit vegetation cover performance (e.g., nutrient availability, drought stress).</p> <p>8.7 Final landform survey confirms no built structures remain other than those that form part of a landholder agreement.</p> <p>8.8 Surface water quality results monitored monthly during flow at, <i>but not limited to</i>, downstream locations specified in <b>Appendix 5 – Surface water monitoring locations</b>, must not exceed the limits in <b>Appendix 4 - Surface water quality limits</b>, for a minimum of 5 consecutive years.</p> <p>8.9 If the surface water quality exceeds the criteria of <b>Appendix 4 - Surface water quality limits</b>, 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 site<sup>1</sup>.</p> <p>8.10 For a minimum of five consecutive years groundwater quality must be monitored quarterly at, <i>but not limited to</i>, compliance bores/locations specified in <b>Appendix 6 – Groundwater monitoring locations</b>, for all quality characteristics listed in <b>Appendix 7 – Groundwater quality limits</b>.</p> <p>8.11 Groundwater quality results must not exceed the limits in <b>Appendix 7 – Groundwater quality limits</b>, for 3 consecutive results.</p> <p>8.12 Groundwater level is monitored quarterly and for a minimum of 5 consecutive years.</p> <p>8.13 No adverse change to the contaminated land status has occurred post the completion of <b>RM2</b>.</p> <p>8.14 Where engineered drainage structures are to be retained as permanent features (e.g. contour banks, bench drains, rock drains), it must be certified by an AQP that the structures are stable and can be expected to remain stable and functional in the long-term.</p> <p>8.15 Seepage water within seepage drains and collection ponds from Final Waste Storage Landform (<b>RA3</b>) is non-polluting to the receiving environment.</p> <p><b>Specific criteria for Low Intensity Grazing (RA7)</b></p> <p>8.16 Land Suitability Class 1, 2, or 3</p> <p>8.17 &gt;70 % established and self-sustaining vegetative groundcover of species as listed in <b>Appendix 1 – Species list and seeding rates</b>.</p> <p>8.18 Minimum vegetation composition (per hectare (averaged)) of:</p> <ol style="list-style-type: none"> <li>four species of native ‘3P’ (perennial, productive, and palatable (3P)) native pasture species. Where 3P species are not available, native pasture species appropriate to the area (regional ecosystem) and suitable for the PMLU are acceptable,</li> <li>two native legume species, and</li> <li>20 % locally suitable native shade tree and shrub cover.</li> <li>inclusion of vegetation <b>stepping stone</b> or <b>ecological corridor</b> traversing the low intensity grazing landscape and connecting with areas of native vegetation.</li> </ol> <p>8.19 Assessment of land condition demonstrates a sustainable grazing outcome has been achieved.</p> <p><b>Specific criteria for Open Woodland (RA4, RA5 and RA8)</b></p> <p>8.20 A BioCondition assessment is completed by an AQP using the methodology outlined in the latest version of the Queensland Herbarium’s ‘<i>BioCondition Assessment Manual</i>’.</p> <p>8.21 The BioCondition assessment completed under <b>RM8.20</b> complies with the PRCP Benchmark for the PMLU. The overall BioCondition score exceeds 35/60, as per <b>Appendix 3.1 – BioCondition milestone criteria for mine site rehabilitation</b>.</p> <p><b>Specific criteria for Water Storage (RA6).</b></p> <p>8.22 Water storages are safe for native animals and stock access and have vegetated banks.</p> <p>8.23 The Southern Diversion Drain, non-retained dams, and any other structures not authorised for retention are decommissioned, and the landform reshaped to a free-draining, stable condition.</p> <p>8.24 Where engineered water storages are to be retained as permanent features (e.g. stock water dams), it must be certified by an AQP that the dams are safe and stable and can be expected to remain safe, stable and functional in the long-term.</p> <p><b>Specific criteria for (RA1 and RA3):</b></p> <p>8.25 Meet the cover performance drainage target of &lt;5 % of average annual rainfall.</p> <p>8.26 Plant species richness, refer to <b>Appendix 3.2: Mt Rawdon - BioCondition milestone criteria for mine site rehabilitation – TSF and WRD</b>:</p> |

<sup>1</sup> 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.

| Milestone reference | Rehabilitation milestone | Milestone criteria                                                                                                                                                                                                                                                                                         |
|---------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |                          | <div>e) Trees and/or Shrubs ≥3 (Count).</div> <div>f) Native grasses, ≥3 (Count).</div> <div>g) Maximum rooting depth does not impact the physical integrity of the cover system.</div> <div>8.27 Litter cover ≥20 %.</div> <div>8.28 Independent AQP certifies achievement of <b>RM 8.1 - 8.27</b>.</div> |

## Section E – Non-use management areas

### (IA1) Improvement area 1

| Non-use management area (NUMA)          |                               |                                                                                                                     |  |  |  |  |  |  |  |  |
|-----------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|
| Improvement area                        |                               | IA1                                                                                                                 |  |  |  |  |  |  |  |  |
| Relevant activities                     |                               | Residual void (Pit) - Mining, water storage and geotechnical monitoring (includes pit crest and pit outer rim area) |  |  |  |  |  |  |  |  |
| Total size (ha)                         |                               | 81.97 ha                                                                                                            |  |  |  |  |  |  |  |  |
| Commencement of first milestone:<br>MM1 |                               | 10/06/2029                                                                                                          |  |  |  |  |  |  |  |  |
| NUMA                                    |                               | NUMA – Residual Void                                                                                                |  |  |  |  |  |  |  |  |
| Date area is available                  | 10/12/2028                    |                                                                                                                     |  |  |  |  |  |  |  |  |
| Cumulative area available (ha)          | 81.97                         |                                                                                                                     |  |  |  |  |  |  |  |  |
| Milestone completed by                  | 10/12/2035                    |                                                                                                                     |  |  |  |  |  |  |  |  |
| Milestone Reference                     | Cumulative area achieved (ha) |                                                                                                                     |  |  |  |  |  |  |  |  |
| MM1                                     | 81.97                         |                                                                                                                     |  |  |  |  |  |  |  |  |
| MM2                                     | 81.97                         |                                                                                                                     |  |  |  |  |  |  |  |  |
| MM3                                     | 81.97                         |                                                                                                                     |  |  |  |  |  |  |  |  |

## Improvement area milestones

| Milestone reference | Management milestone                  | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MM1</b>          | Achievement of structural stability   | <p>1.1 Pit wall landforms including safety bund, diversions, and/or drainage must:</p> <ul style="list-style-type: none"> <li>a) prevent surface or seepage flow of floodwater into the void</li> <li>b) Be geotechnically stable when subjected to floodwaters</li> <li>c) Not be constructed with dispersive material.</li> </ul> <p>1.2 The final design for pit wall landform must be completed by an AQP based on the latest flood modelling and materials data prior to construction.</p> <p>1.3 All flood protection landforms and flood protection measures designed and constructed consistent with the findings of <b>PRCP13</b> and <b>PRCP14</b>.</p> <p>1.4 Final residual voids are not subject to inundation from floodwaters up to and including the 0.1% AEP.</p> <p>1.5 Final void must achieve a FoS <math>\geq 1.5</math> within the NUMA as determined by an AQP.</p> <p>1.6 The location of the voids and associated safety bunds does not cause instability or degradation to the land outside the NUMA.</p> <p>1.7 Residual voids must not overtop.</p> <p>1.8 Independent AQP certifies achievement of <b>MM1.1 – MM1.7</b></p> |
| <b>MM2</b>          | Achievement of surface requirements   | <p>2.1 Fencing erected around the perimeter of the safety bund to prevent access to the residual void.</p> <p>2.2 Competent safety bund and fencing in place to prevent access to the residual void.</p> <p>2.3 The safety bund and fencing provide flood protection in accordance with engineering requirements, including:</p> <ul style="list-style-type: none"> <li>a) Constructed from non-weathered, non-dispersive dumped rockfill;</li> <li>b) a minimum 2 m in height;</li> <li>c) a minimum of 4 m base width.</li> </ul> <p>2.4 Safety signage (design in accordance with Australian standard) is erected at 100 m intervals along the fence.</p> <p>2.5 Independent AQP certifies achievement of <b>MM2.1 – MM2.4</b>.</p>                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>MM3</b>          | Achievement of sufficient improvement | <p>3.1 The pit wall landform has been constructed in accordance with the final design.</p> <p>3.2 Appropriate safety infrastructure at the geotechnical set-back distance has been installed to prevent access to the NUMA.</p> <p>3.3 The residual void is safe to humans and livestock.</p> <p>3.4 The water level and quality in the void do not and will not cause environmental harm to the receiving environment, as demonstrated by groundwater level, quality monitoring and modelling.</p> <p>3.5 An AQP demonstrates with water quality, water level and modelling data, that the residual void acts as groundwater sinks post-closure.</p> <p>3.6 Voids retain flood immunity, supported by flood modelling re-run at end of life and calibrated against the final landform.</p> <p>3.7 The residual void will not present an unacceptable risk of environmental harm.</p> <p>3.8 Erosion of the landform within the NUMA area will not negatively impact on the stability of any adjacent rehabilitation areas, or their ability to sustain their PMLU.</p> <p>3.9 Independent AQP certifies achievement of <b>MM3.1 – MM3.8</b>.</p>        |

## Appendix 1 – Species list and seeding rates: Initial species seed mix list and sowing rates

| Commercially available species                     | Common name                | Reference           | Category | Rate (kg/ha) |
|----------------------------------------------------|----------------------------|---------------------|----------|--------------|
| <b>Tree Layer</b>                                  |                            |                     |          |              |
| <i>Corymbia citriodora</i> subsp. <i>variegata</i> | Lemon scented gum          | BVG 10b, RE 12.11.6 | A        | 0.5          |
| <i>C. intermedia</i>                               | Pink bloodwood             | BVG 10b, RE 12.11.6 | A        | 0.3          |
| <i>C. tessellaris</i>                              | Carbeen or Moreton Bay Ash | BVG 10b, RE 12.11.6 | A        | 0.3          |
| <i>Eucalyptus siderophloia</i>                     | Northern grey ironbark     | BVG 10b, RE 12.11.6 | A        | 0.3          |
| <i>E. crebra</i>                                   | Narrow-leaved ironbark     | BVG 10b, RE 12.11.6 | A        | 0.4          |
| <i>E. exserta</i>                                  | Queensland peppermint      | BVG 10b, RE 12.11.6 | A        | 0.3          |
| <i>E. tereticornis</i>                             | Blue gum                   | BVG 10b, RE 12.11.6 | A        | 0.4          |
| <i>E. moluccana</i>                                | Grey box or gum topped box | BVG 10b, RE 12.11.6 | A        | 0.3          |
| <i>E. melanophloia</i>                             | Silver-leaved ironbark     | BVG 10b, RE 12.11.6 | A        | 0.2          |
| <b>Subtotal for Category A (Tree layer)</b>        |                            |                     |          | <b>3.0</b>   |
| <b>Shrub Layer</b>                                 |                            |                     |          |              |
| <i>Acacia aulacocarpa</i>                          | Salwood                    | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>A. crassa</i>                                   | Curracabah                 | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>A. decora</i>                                   | Western silver wattle      | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>A. disparrima</i>                               | Hickory Wattle             | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>A. excelsa</i>                                  | Ironwood                   | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>A. falcata</i>                                  | Sickle wattle              | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>A. fimbriata</i>                                | Brisbane wattle            | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>A. leiocalyx</i>                                | Black wattle               | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>A. maidenii</i>                                 | Maiden's wattle            | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>A. julifera</i>                                 | n/a                        | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>A. penninervis</i>                              | Mountain Hickory           | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>A. rhodoxylon</i>                               | Ringy Rosewood             | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>A. salicina</i>                                 | Native Willow              | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>A. ulicifolia</i>                               | Prickly Moses              | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <i>Alphitonia excelsa</i>                          | Soap tree or Red Ash       | BVG 10b, RE 12.11.6 | B        | 0.10         |
| <b>Subtotal for Category B (Shrub layer)</b>       |                            |                     |          | <b>1.5</b>   |

| Grass Layer                                             |                         |                     |                |      |
|---------------------------------------------------------|-------------------------|---------------------|----------------|------|
| <i>Themeda triandra</i>                                 | Kangaroo grass          | BVG 10b, RE 12.11.6 | C              | 1.0  |
| <i>Cymbopogon refractus</i>                             | Barbed wire grass       | BVG 10b, RE 12.11.6 | C              | 1.0  |
| <i>Heteropogon contortus</i>                            | Black spear grass       | BVG 10b, RE 12.11.6 | C              | 1.0  |
| <i>Aristida queenslandica</i> var. <i>queenslandica</i> | Wire grass              | BVG 10b, RE 12.11.6 | C              | 1.0  |
| <i>Bothriochloa bladhii</i>                             | Forest bluegrass        | Occurs in Bioregion | C              | 0.5  |
| <i>Bothriochloa decipiens</i>                           | Pitted blue grass       | Occurs in Bioregion | C              | 0.5  |
| <i>Lomandra longifolia</i>                              | Cluster-Headed Mat-Rush | Occurs in Bioregion | C              | 0.5  |
| <i>Chrysopogon filipes</i>                              | Veviter Grass           | Occurs in Bioregion | C              | 0.5  |
| <i>Panicum decompositum</i>                             | Stargrass               | Occurs in Bioregion | C              | 0.5  |
| <i>Echinochloa telmatophila</i>                         | Swamp Barnyard Grass    | Occurs in Bioregion | C              | 0.5  |
| <i>Lomandra multiflora</i>                              | n/a                     | Occurs in Bioregion | C              | 0.5  |
| Subtotal for Category C (Grass layer)                   |                         |                     |                | 7.5  |
| Cover Crop                                              |                         |                     |                |      |
| <i>Echinochloa utilis</i>                               | Japanese millet         | n/a                 | D (Cover crop) | 25.0 |
| TOTAL                                                   |                         |                     |                | 37.0 |

Note: Where seed is not available in sufficient quality or quantity as listed in this table, it will be substituted by an equivalent weight of a comparable species within the same Category or technical descriptions of RE 12.11.5, 12.11.6, or 12.11.8.

## Appendix 2. 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/transect*             | 15-30 rills per transect*                                    | >30 rills per transect*                                                                        |
| Gully erosion          | Absent                          | Absent                                                       | >0.3m deep                                                                                     |
| Tunnel erosion         | Absent                          | Absent                                                       | Present                                                                                        |
| Mass movement          | Absent                          | Absent                                                       | Present                                                                                        |

Source: NCST (2009) *Australian Soil and Land Survey Field Handbook*, 3rd edition. The National Committee on Soil and Terrain. CSIRO Publishing, Collingwood, Australia.

\*Transect 100 m across the contour (Source: Tongway, D. J. and Hindley, N. L. 2005. *Landscape Function Analysis: Procedures for Monitoring and Assessing Landscapes*. CSIRO Publishing, Canberra, Australia.

### Appendix 3.1 – BioCondition milestone criteria<sup>1</sup> for mine site rehabilitation

| BioCondition Assessable Attributes   | Weighting         | Regional Ecosystem RE 12.11.6<br>Rehabilitated <i>Corymbia citriodora</i> + <i>Eucalyptus crebra</i> open woodland |                                     |                                       |
|--------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------|
|                                      |                   | BioCondition Benchmark                                                                                             | PRCP criteria                       |                                       |
|                                      |                   |                                                                                                                    | Milestone c. 5yrs                   | Milestone c. 15-20yrs                 |
| Tree canopy height (m)               | 5                 | 21                                                                                                                 | 0                                   | >5.25m<br>(≥ 25% of benchmark height) |
| Recruitment of canopy species (%)    | 5                 | 100                                                                                                                | 0                                   | ≥20% of dominant canopy species       |
| Tree canopy cover (%)                | 5                 | 32                                                                                                                 | >3%<br>(≥10% relative to benchmark) | >16%<br>(≥50% relative to benchmark)  |
| Shrub cover (%)                      | 5                 | 12                                                                                                                 | >1%<br>(≥10% relative to benchmark) | >6%<br>(≥50% relative to benchmark)   |
| Native tree species richness         | 5                 | 4                                                                                                                  | ≥1<br>(≥25% of benchmark)           | ≥4<br>(≥ 90% of benchmark)            |
| Native shrub species richness        | 5                 | 6                                                                                                                  | ≥2<br>(≥25% of benchmark)           | ≥2<br>(≥25% of benchmark)             |
| Native grass & forb species richness | 10                | 11 (grass)<br>29 (forbs)                                                                                           | ≥10<br>(≥25% of benchmark)          | ≥10<br>(≥25% of benchmark)            |
| Non-native plant cover               | 10                | 0                                                                                                                  | < 25% non-native cover              | < 25% non-native cover                |
| Native perennial grass cover (%)     | 5                 | 25                                                                                                                 | ≥12.5%<br>(≥50 of benchmark cover)  | ≥12.5%<br>(≥50 of benchmark cover)    |
| Organic litter cover (%)             | 5                 | 45                                                                                                                 | 0                                   | ≥22.5%<br>(≥50% of benchmark cover)   |
| <b>Modified BioCondition score</b>   | <b>Total = 60</b> |                                                                                                                    | <b>&gt; 20</b>                      | <b>&gt; 35</b>                        |

<sup>1</sup>Indicative minimum scores - a site's BioCondition score (attributes scored according to the BioCondition manual) can be comprised of different attribute scores but must meet or exceed the minimum (modified) BC score for the relevant milestone.

**Appendix 3.2: Mt Rawdon - BioCondition milestone criteria for mine site rehabilitation – TSF and NWRD<sup>1</sup>.**

| BioCondition Assessable Attributes                       | BioCondition Assessable Attribute Weighting | Modified BioCondition benchmark | Indicative measure at RM7 | BioCondition Score                | Indicative measure at RM8 | BioCondition Score                |
|----------------------------------------------------------|---------------------------------------------|---------------------------------|---------------------------|-----------------------------------|---------------------------|-----------------------------------|
| Recruitment of dominant shrub layer species <sup>2</sup> | 5                                           | 100                             | 0                         | 0                                 | 20%                       | 3                                 |
| Non-native plant cover (%)                               | 10                                          | 0                               | <25%                      | 5                                 | <25%                      | 5                                 |
| Native shrub species richness                            | 5                                           | 6                               | 6                         | 5                                 | 6                         | 5                                 |
| Native grass & forb species richness                     | 10                                          | 11 (grass)<br>29 (forbs)        | ≥10                       | 5                                 | ≥10                       | 5                                 |
| Canopy cover (%) <sup>2</sup>                            | 10                                          | 44%                             | >4.4%                     | 6                                 | >22%                      | 10                                |
| Native perennial grass cover (%)                         | 5                                           | 25%                             | >12 %                     | 3                                 | >12 %                     | 3                                 |
| Organic litter cover (%)                                 | 5                                           | 45%                             | 0                         | 0                                 | >4.5%                     | 3                                 |
| <b>Modified BioCondition score</b>                       | <b>Total = 50</b>                           |                                 |                           | <b>&gt;20</b><br>Total above = 24 |                           | <b>&gt;30</b><br>Total above = 34 |

<sup>1</sup>Utilising shallow-rooted shrub and ground layer species from RE 12.11.6, supplemented by suitable species from adjacent Res. Note: excludes outer slopes of NWRD and TSF which do not require revegetation.

<sup>2</sup>Recruitment must be present. Acknowledge that 'canopy species' in this instance will be the shrubs, and canopy cover will be for the dominant shrub layer (derived from benchmarks for tree and shrub cover).

#### Appendix 4. Surface water quality limits

| Quality characteristic (units)                                                               | Perry River                 | Swindon Creek | 12 Mile Creek | Mingham Creek | Rawdon Creek | Comment on limit                                              |
|----------------------------------------------------------------------------------------------|-----------------------------|---------------|---------------|---------------|--------------|---------------------------------------------------------------|
| pH                                                                                           | 6.5-8.5                     | 6.5-8.5       | 6.5-8.5       | 6.5-8.5       | 6.5-8.5      | Site-specific                                                 |
| Electrical Conductivity ( $\mu\text{S/cm}$ )                                                 | 393                         | 270           | 202           | 730           | 382          | Site-specific – 95 <sup>th</sup> percentile of upstream data  |
| Total suspended solids (TSS) (mg/L)                                                          | 65                          | 20            | 93            | 11            | 70           | Site-specific – 95 <sup>th</sup> percentile of upstream data  |
| Sulphate (mg/L)                                                                              | 23                          | 23            | 5             | 112           | 25           | Site-specific – 95 <sup>th</sup> percentile of upstream data  |
| Arsenic - dissolved ( $\mu\text{g/L}$ )                                                      | 13                          | 13            | 13            | 13            | 13           | ANZG 2018                                                     |
| Cadmium - dissolved ( $\mu\text{g/L}$ )                                                      | 0.2                         | 0.2           | 0.2           | 0.2           | 0.2          | ANZG 2018                                                     |
| Copper - dissolved ( $\mu\text{g/L}$ )                                                       | 5                           | 5             | 5             | 5             | 5            | Site-specific – 95 <sup>th</sup> percentile of upstream data  |
| Zinc - dissolved ( $\mu\text{g/L}$ )                                                         | 23                          | 23            | 23            | 23            | 23           | Site-specific – 95 <sup>th</sup> percentile of upstream data  |
| Nitrate (mg/L)                                                                               | 1.2                         | 1.4           | 0.8           | 1.4           | 1.3          | Site-specific – 95 <sup>th</sup> percentile of upstream data  |
| Cyanide (as WAD cyanide)                                                                     | 0.007                       |               |               |               |              | The International Cyanide Management Code (2009), Section 4.5 |
| Major ions (mg/L)<br>Calcium, chloride, potassium, magnesium, sodium, bicarbonate, carbonate | For interpretation purposes |               |               |               |              |                                                               |
| Hardness (mg/L)                                                                              | For interpretation purposes |               |               |               |              |                                                               |

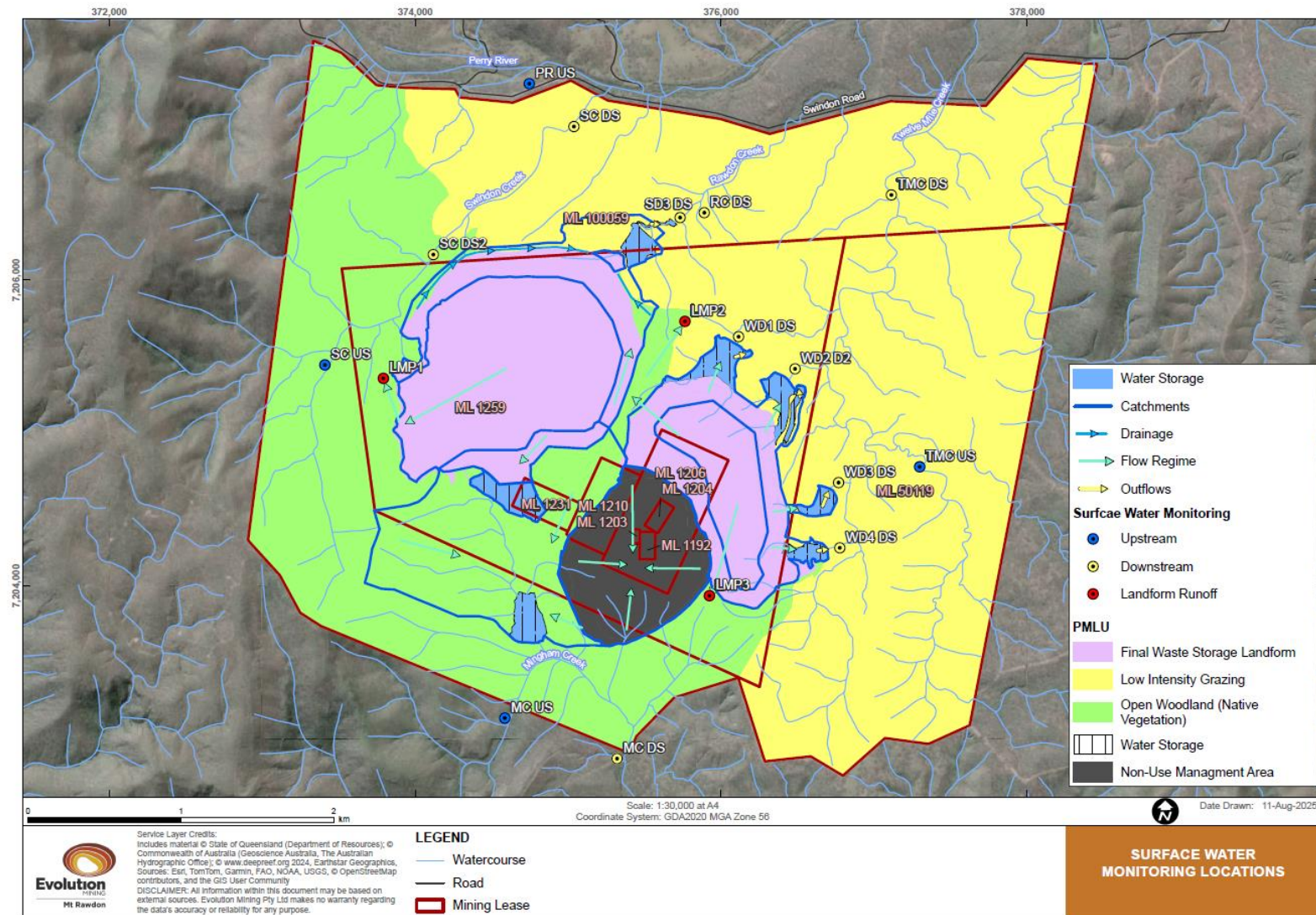
**Notes:**

- 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)
- WAD CN is Weak Acid Dissociable Cyanide, measured as an indicator of the bio-available cyanide.
- Rawdon Creek limits derived as 95<sup>th</sup> percentile of combined site upstream data

**Appendix 5. Surface water monitoring locations**

| Monitoring Locations                          | Receiving waters location description | Latitude (decimal degree, GDA94) | Longitude (decimal degree, GDA94) |
|-----------------------------------------------|---------------------------------------|----------------------------------|-----------------------------------|
| <b><i>Upstream monitoring locations</i></b>   |                                       |                                  |                                   |
| SC US                                         | Swindon Creek upstream                | -25.259987                       | 151.744924                        |
| MC US                                         | Mingham Creek upstream                | -25.279864                       | 151.755991                        |
| TMC US                                        | Twelve Mile Creek upstream            | -25.26842                        | 151.781529                        |
| <b><i>Downstream monitoring locations</i></b> |                                       |                                  |                                   |
| SC DS                                         | Swindon Creek downstream              | -25.248149                       | 151.757645                        |
| MC DS                                         | Mingham Creek downstream              | -25.286795                       | 151.762019                        |
| TMC DS                                        | Twelve Mile Creek downstream          | -25.251944                       | 151.779728                        |
| RC DS                                         | Rawdon Creek downstream               | -25.252128                       | 151.767096                        |
| SC DS2                                        | Swindon Creek downstream              | -25.254663                       | 151.750628                        |
| SD3 DS                                        | Rawdon Creek downstream               | -25.25388                        | 151.77605                         |
| WD1 DS                                        | Twelve Mile Creek downstream          | -25.26002                        | 151.77236                         |
| WD2 DS                                        | Twelve Mile Creek downstream          | -25.26237                        | 151.77501                         |
| WD3 DS                                        | Twelve Mile Creek downstream          | -25.27056                        | 151.77644                         |
| WD4 DS                                        | Twelve Mile Creek downstream          | -25.27139                        | 151.77653                         |

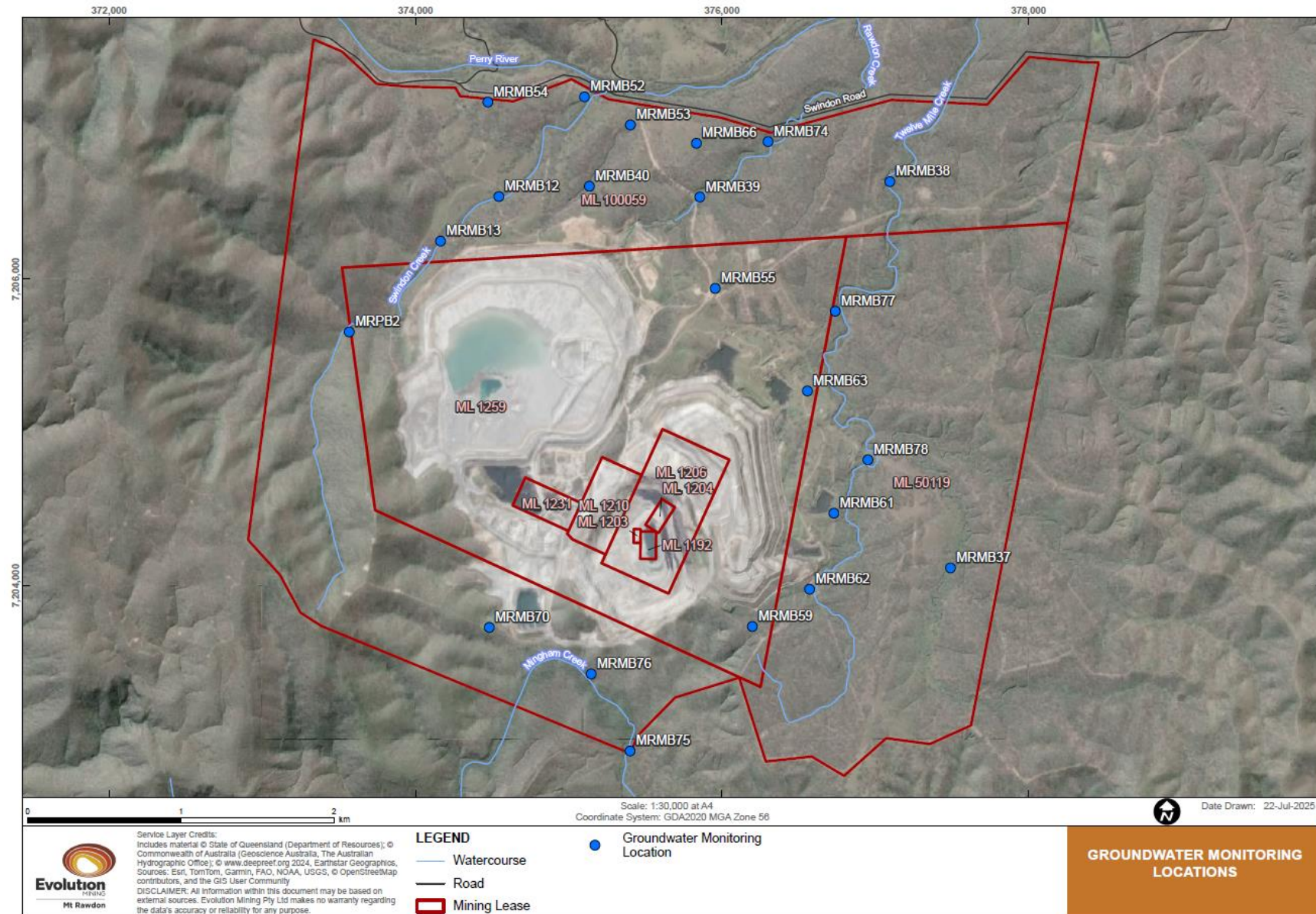
Figure 3. Surface water monitoring locations



**Appendix 6. Groundwater monitoring bores**

| Monitoring Bore | Hydrogeological Unit   | Latitude (decimal degree, GDA94) | Longitude (decimal degree, GDA94) |
|-----------------|------------------------|----------------------------------|-----------------------------------|
| MRMB13          | Fractured rock aquifer | -25.254851                       | 151.750458                        |
| MRMB37          | Fractured rock aquifer | -25.274367                       | 151.783307                        |
| MRMB38          | Fractured rock aquifer | -25.251591                       | 151.779602                        |
| MRMB40          | Fractured rock aquifer | -25.2517                         | 151.760131                        |
| MRMB52          | Fractured rock aquifer | -25.246434                       | 151.759866                        |
| MRMB53          | Fractured rock aquifer | -25.248111                       | 151.762828                        |
| MRMB54          | Fractured rock aquifer | -25.246688                       | 151.753609                        |
| MRMB55          | Fractured rock aquifer | -25.257781                       | 151.768221                        |
| MRMB61          | Fractured rock aquifer | -25.271081                       | 151.775783                        |
| MRMB62          | Fractured rock aquifer | -25.275546                       | 151.774159                        |
| MRMB66          | Fractured rock aquifer | -25.24923                        | 151.767096                        |
| MRMB74          | Fractured rock aquifer | -25.249169                       | 151.771733                        |
| MRMB75          | Fractured rock aquifer | -25.284975                       | 151.762434                        |
| MRMB76          | Fractured rock aquifer | -25.280412                       | 151.759964                        |
| MRMB77          | Fractured rock aquifer | -25.259191                       | 151.775991                        |
| MRMB78          | Fractured rock aquifer | -25.267958                       | 151.778018                        |
| MRPB2           | Fractured rock aquifer | -25.260146                       | 151.744486                        |
| MRMB12          | Fractured rock aquifer | -25.252256                       | 151.754267                        |
| MRMB39          | Fractured rock aquifer | -25.252392                       | 151.767282                        |
| MRMB59          | Fractured rock aquifer | -25.27771                        | 151.770433                        |
| MRMB63          | Fractured rock aquifer | -25.263871                       | 151.774137                        |
| MRMB65          | Fractured rock aquifer | -25.250419                       | 151.758069                        |
| MRMB70          | Fractured rock aquifer | -25.277621                       | 151.753383                        |

Figure 4. Groundwater monitoring locations



## Appendix 7. Groundwater quality limits

| Quality characteristic (units)                                                               | Monitoring Bore | Limit                       | Comment on limit                                              |
|----------------------------------------------------------------------------------------------|-----------------|-----------------------------|---------------------------------------------------------------|
| pH (pH units)                                                                                | All bores       | 6.5 – 7.5                   | Site-specific                                                 |
| Cyanide (as WAD cyanide) (mg/L)                                                              | All bores       | 0.5                         | The International Cyanide Management Code (2009), Section 4.5 |
| Major ions (mg/L)<br>Calcium, chloride, potassium, magnesium, sodium, bicarbonate, carbonate | All bores       | For interpretation purposes |                                                               |
| Hardness (mg/L)                                                                              | All bores       | For interpretation purposes |                                                               |
| Water level (mAHD)                                                                           | All bores       | For interpretation purposes |                                                               |

| Quality characteristic (units)  | MRMB13 | MRMB37 | MRMB38 | MRMB40 | MRMB52 | MRMB53 | MRMB54 | MRMB55 | MRMB61 | MRMB62 | MRMB66 | MRMB74 | MRMB75 | MRMB76 | MRMB77 | MRMB78 | MRPB2 | MRMB12 | MRMB39 | MRMB59 | MRMB63 | MRMB65 | MRMB70 |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|
| Electrical conductivity (µS/cm) | 4,755  | 7,133  | 2,534  | 4,020  | 3,145  | 4,561  | 2,560  | 1,800  | 6,035  | 6,115  | 1,434  | 12,130 | 10,837 | 1,768  | 5,964  | 11,272 | 2,820 | 4,580  | 4,380  | 5,790  | 4,170  | 7,029  | 2,200  |
| Sulfate (mg/L)                  | 296    | 521    | 400    | 83     | 75     | 194    | 116    | 25     | 205    | 376    | 206    | 407    | 829    | 165    | 815    | 604    | 242   | 308    | 220    | 920    | 1,230  | 145    | 90     |
| Arsenic - dissolved (µg/L)      | 13     | 13     | 13     | 13     | 13     | 13     | 13     | 13     | 15     | 13     | 13     | 13     | 13     | 42     | 220    | 13     | 13    | 13     | 13     | 85     | 13     | 13     | 13     |
| Cadmium - dissolved (µg/L)      | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.9    | 0.6    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.4    | 0.2   | 0.2    | 0.6    | 0.6    | 0.2    | 0.2    | 0.2    |
| Copper - dissolved (µg/L)       | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 5      | 4      | 2      | 2      | 2      | 2      | 8      | 3      | 2     | 2      | 3      | 2      | 2      | 2      | 2      |
| Zinc - dissolved (µg/L)         | 36     | 20     | 20     | 20     | 15     | 15     | 15     | 15     | 45     | 45     | 20     | 10     | 10     | 10     | 15     | 45     | 15    | 40     | 20     | 40     | 15     | 15     | 10     |
| Nitrate (µg/L)                  | 80     | 126    | 20     | 30     | 30     | 34     | 10     | 20     | 60     | 60     | 20     | 10     | 10     | 77     | 40     | 40     | 20    | 490    | 20     | 200    | 60     | 30     | 200    |

### 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)
- WAD CN is Weak Acid Dissociable Cyanide, measured as an indicator of the bio-available cyanide.

**END OF PRCP SCHEDULE**