

# PRCP schedule

*Environmental Protection Act 1994*

## PRCP schedule PRCP\_ EPML04041216\_V1

*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:** PRCP\_ EPML04041216\_V1

### PRCP schedule holder(s)

| Name(s)                                            | Registered address                          |
|----------------------------------------------------|---------------------------------------------|
| Capricorn Stone Products Pty Ltd<br>ACN: 010802892 | 227 Power Station Road, STANWELL, 4702, QLD |

### Location details

| Location(s)     |
|-----------------|
| ML7341, ML80102 |

### Take effect

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



Signature

28/02/2023

Date

Chris Wake  
Department of Environment and Science  
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 - Final site design and reference maps
- Section C - Post mining land uses

## 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** The holder must comply with each milestone criteria stated in the schedule

**PRCP2** Where a milestone criterion requires any of the following, the holder must keep records of the actions taken to comply with the criterion as well as the results and provide a copy of this information to the Administering Authority on request –

- (i) certifications or assessments to be undertaken;
- (ii) monitoring or maintenance to be carried out;
- (iii) final design plans and/or specifications to be developed; and
- (iv) reports such as contaminated land investigations, rehabilitation reports (including monitoring records), validation reports, Quality Assurance/Quality Control reports.

**PRCP3** Where land becomes available for rehabilitation earlier than the nominated 'Date area is available', progressive rehabilitation for that land must commence as soon as practicable. Progressive rehabilitation commenced early under this condition must be carried out in accordance with the milestones and criteria in this schedule, except that each of the dates by which milestones are to be completed is brought forward by the same amount of time as the commencement was brought forward.

END OF CONDITIONS

## Section B - Final site design and reference maps

Figure 1. Final Site Design

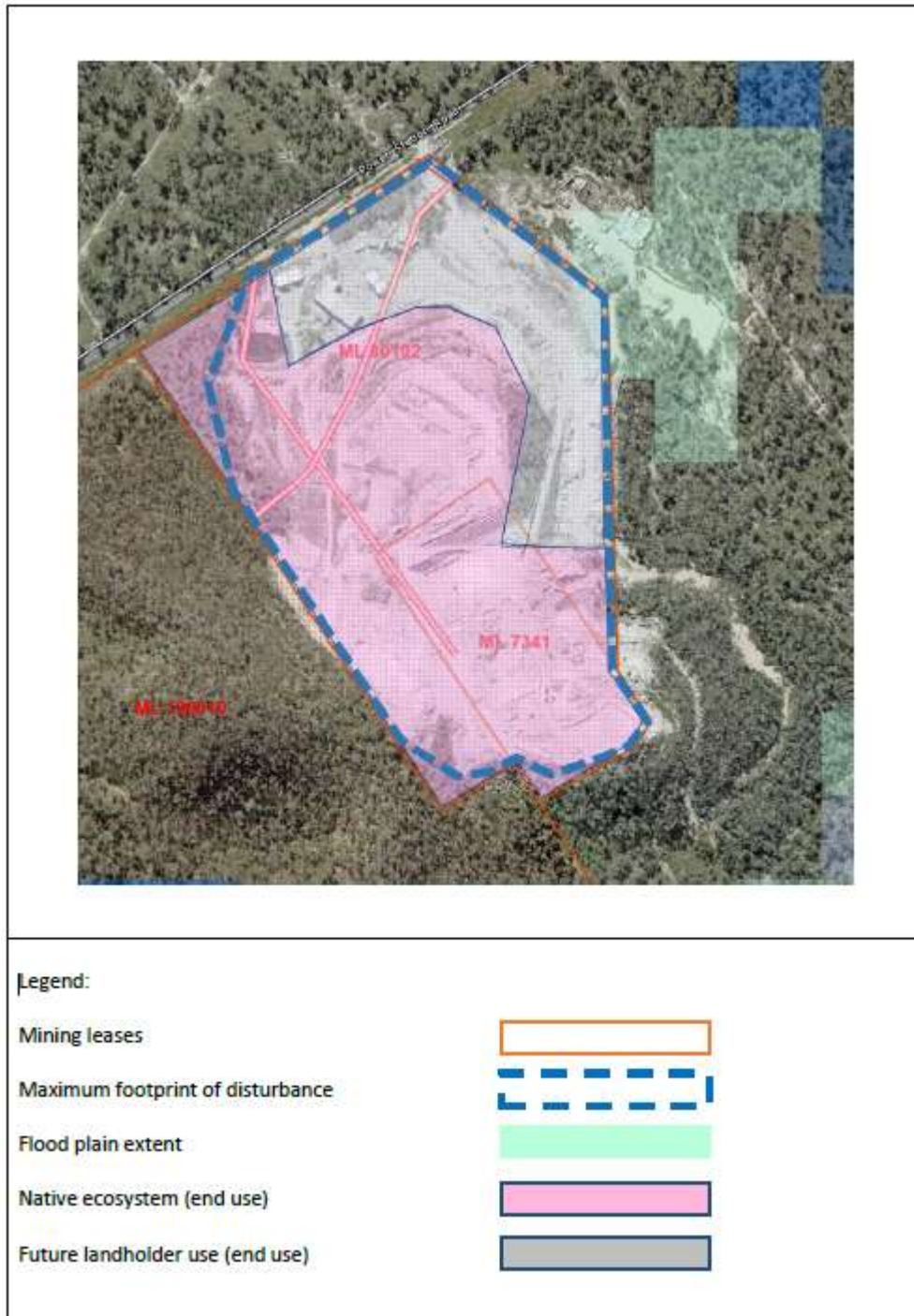
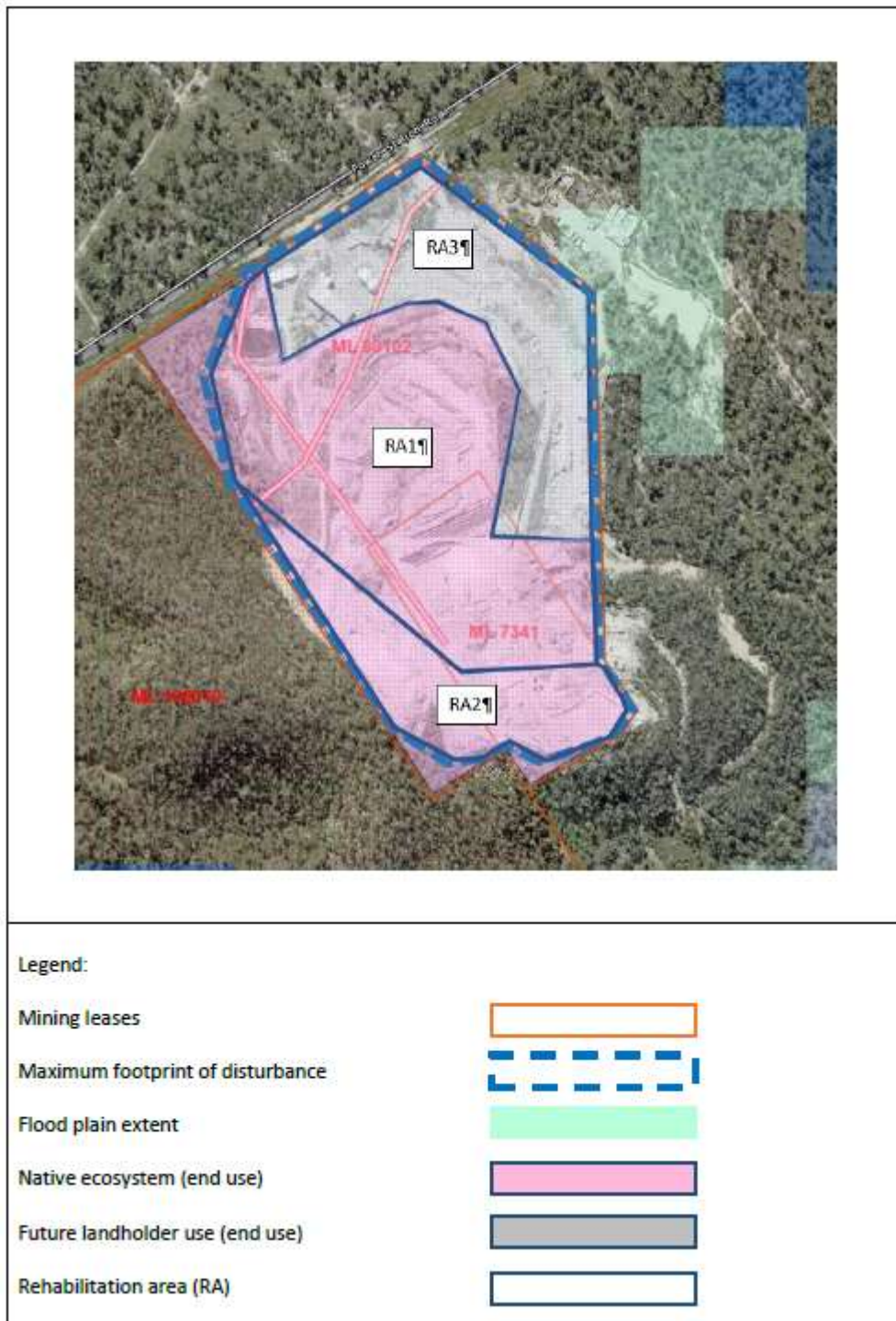


Figure 2. Reference Map



## Section C – Post mining land uses

### (RA1) Rehabilitation area 1

| Post-mining land uses (PMLU)            |                               |            |            |                  |            |            |  |  |  |  |
|-----------------------------------------|-------------------------------|------------|------------|------------------|------------|------------|--|--|--|--|
| Rehabilitation area                     |                               |            |            | RA1              |            |            |  |  |  |  |
| Relevant activities                     |                               |            |            | Extraction Area  |            |            |  |  |  |  |
| Total rehabilitation area size (ha)     |                               |            |            | 10.6             |            |            |  |  |  |  |
| Commencement of first milestone:<br>RM1 |                               |            |            | 1 January 2101   |            |            |  |  |  |  |
| PMLU                                    |                               |            |            | Native Ecosystem |            |            |  |  |  |  |
| Date area is available                  | 1/01/2101                     | 1/01/2101  | 1/01/2101  | 1/01/2101        | 1/01/2101  | 1/01/2101  |  |  |  |  |
| Cumulative area available (ha)          | 10.6                          | 10.6       | 10.6       | 10.6             | 10.6       | 10.6       |  |  |  |  |
| Milestone completed by                  | 10/12/2103                    | 10/12/2105 | 10/12/2105 | 10/12/2105       | 10/12/2108 | 10/12/2115 |  |  |  |  |
| Milestone Reference                     | Cumulative area achieved (ha) |            |            |                  |            |            |  |  |  |  |
| RM1                                     | 10.6                          |            |            |                  |            |            |  |  |  |  |
| RM2                                     |                               | 10.6       |            |                  |            |            |  |  |  |  |
| RM3                                     |                               |            | 10.6       |                  |            |            |  |  |  |  |
| RM4                                     |                               |            |            | 10.6             |            |            |  |  |  |  |
| RM5                                     |                               |            |            |                  | 10.6       |            |  |  |  |  |
| RM6                                     |                               |            |            |                  |            | 10.6       |  |  |  |  |

**(RA2) Rehabilitation area 2**

| Post-mining land uses (PMLU)            |                               |            |            |                  |            |            |  |  |  |  |
|-----------------------------------------|-------------------------------|------------|------------|------------------|------------|------------|--|--|--|--|
| Rehabilitation area                     |                               |            |            | RA2              |            |            |  |  |  |  |
| Relevant activities                     |                               |            |            | Extraction Area  |            |            |  |  |  |  |
| Total rehabilitation area size (ha)     |                               |            |            | 2.6              |            |            |  |  |  |  |
| Commencement of first milestone:<br>RM1 |                               |            |            | 1 January 2101   |            |            |  |  |  |  |
| PMLU                                    |                               |            |            | Native Ecosystem |            |            |  |  |  |  |
| Date area is available                  | 1/01/2101                     | 1/01/2101  | 1/01/2101  | 1/01/2101        | 1/01/2101  | 1/01/2101  |  |  |  |  |
| Cumulative area available (ha)          | 2.6                           | 2.6        | 2.6        | 2.6              | 2.6        | 2.6        |  |  |  |  |
| Milestone completed by                  | 10/12/2103                    | 10/12/2105 | 10/12/2105 | 10/12/2105       | 10/12/2108 | 10/12/2115 |  |  |  |  |
| Milestone Reference                     | Cumulative area achieved (ha) |            |            |                  |            |            |  |  |  |  |
| RM1                                     | 2.6                           |            |            |                  |            |            |  |  |  |  |
| RM2                                     |                               | 2.6        |            |                  |            |            |  |  |  |  |
| RM3                                     |                               |            | 2.6        |                  |            |            |  |  |  |  |
| RM4                                     |                               |            |            | 2.6              |            |            |  |  |  |  |
| RM5                                     |                               |            |            |                  | 2.6        |            |  |  |  |  |
| RM6                                     |                               |            |            |                  |            | 2.6        |  |  |  |  |

**(RA3) Rehabilitation area 3**

| Post-mining land uses (PMLU)            |                               |  |  |                         |  |  |  |  |  |  |
|-----------------------------------------|-------------------------------|--|--|-------------------------|--|--|--|--|--|--|
| Rehabilitation area                     |                               |  |  | RA3                     |  |  |  |  |  |  |
| Relevant activities                     |                               |  |  | Lay down and Processing |  |  |  |  |  |  |
| Total rehabilitation area size (ha)     |                               |  |  | 6.9                     |  |  |  |  |  |  |
| Commencement of first milestone:<br>RM1 |                               |  |  | 1 January 2101          |  |  |  |  |  |  |
| PMLU                                    |                               |  |  | Future Industry         |  |  |  |  |  |  |
| Date area is available                  | 1/01/2101                     |  |  |                         |  |  |  |  |  |  |
| Cumulative area available (ha)          | 6.9                           |  |  |                         |  |  |  |  |  |  |
| Milestone completed by                  | 10/12/2102                    |  |  |                         |  |  |  |  |  |  |
| Milestone Reference                     | Cumulative area achieved (ha) |  |  |                         |  |  |  |  |  |  |
| RM1                                     | 6.9                           |  |  |                         |  |  |  |  |  |  |
| RM2                                     | 6.9                           |  |  |                         |  |  |  |  |  |  |
| RM3                                     | 6.9                           |  |  |                         |  |  |  |  |  |  |
| RM7                                     | 6.9                           |  |  |                         |  |  |  |  |  |  |

## Rehabilitation area milestones

| Milestone reference | Rehabilitation milestone                        | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RM1                 | Infrastructure decommissioning and removal      | a) All services that are not required to support the post mining land uses have been disconnected and removed<br>b) All concrete, bitumen and gravel that is not required to support the post mining land uses has been removed<br>c) All fencing that is not required to support the post mining land uses has been removed<br>d) All machinery and equipment that is not required to support the post mining land uses has been removed<br>e) All rubbish removed                                                                                                                                                          |
| RM2                 | Landform development and reshaping/re-profiling | a) All major earthworks completed with evidence (e.g. photographs and surveys)<br>b) Surface contours reinstated and integrated with adjacent undisturbed land with maximum slope of <20 degrees<br>c) Geotechnical assessment and certification by a suitably qualified person <sup>1</sup> to determine slip hazard and stability of batters                                                                                                                                                                                                                                                                               |
| RM3                 | Surface preparation                             | a) An assessment of soil health and suitability has been completed by an appropriately qualified person to confirm soil is suitable for target vegetation establishment.<br>b) Topsoil is >150mm thick across all vegetated areas.<br>c) No evidence of erosion greater than moderate <sup>2</sup> and no new gullies or washouts present.<br>d) Erosion rates measured or modelled using suitable modelling methods such as RUSLE are no higher than the reference sites <sup>4</sup> .<br>e) Erosion and water control structures, such as contour banks, inspected and assessed as stable by a suitably qualified person. |
| RM4                 | Revegetation (native ecosystem)                 | a) Seeding and planting of tubestock will be in rows at a rate of 200 stems/ha<br>b) Potential species include Canopy/tree species: <ul style="list-style-type: none"> <li>• <i>Corymbia clarksoniana</i></li> <li>• <i>Corymbia erythrophloia</i></li> <li>• <i>Eucalyptus crebra</i></li> <li>• <i>Eucalyptus tereticornis</i></li> <li>• <i>Acacia excelsa</i></li> <li>• <i>Acacia salicina</i></li> </ul> Herbaceous/understory species: <ul style="list-style-type: none"> <li>• <i>Sida rohlenae</i></li> <li>• <i>Jasminum didymium</i></li> <li>• <i>Senna artemisioides subsp. Artemisioides</i></li> </ul>        |

|            |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            |                                                                                         | <ul style="list-style-type: none"> <li>• <i>Desmodium brachypodium</i></li> <li>• <i>Evolvulus alsinoides</i></li> </ul> <p>Grass/groundcover species:</p> <ul style="list-style-type: none"> <li>• <i>Eragrostis elongate</i></li> <li>• <i>Heteropogon contortus</i></li> <li>• <i>Themeda triandra</i></li> <li>• <i>Bothriochloa decipiens</i></li> <li>• <i>Dichanthium sericeum</i></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RM5</b> | Achievement of surface requirements (native ecosystem)                                  | <p>a) Assessment of weed<sup>5</sup> abundance contribution to total groundcover to be &lt;10%</p> <p>b) No active rill or gully development across reinstated surface</p> <p>c) Erosion ratings are equal or below 'Moderate'</p> <p>d) Cation exchange capacity greater than 10 meq/100g</p> <p>e) Root zone salinity is less than 0.6 dS/m (in a 1:5 soil mixture)</p> <p>f) Target total groundcover ≥ 70%</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RM6</b> | Achievement of post-mining land use to stable <sup>3</sup> condition (native ecosystem) | <p>a) No erosion classifications of 'Severe' or 'Extreme' and no active erosion present as demonstrated by no increase in erosion over time.</p> <p>b) pH range of soil is between 6.0 and 8.0 to at least 0.3m.</p> <p>c) Evidence that nutrient and organic matter cycling is occurring (this can be provided by continued sampling for organic carbon and nitrogen for a period of 3 years).</p> <p>d) Weed<sup>5</sup> abundance is &lt;10% of total vegetative cover.</p> <p>e) Certification from an appropriately qualified person that the area has achieved stable condition.</p> <p>f) Results of Landscape Function Analysis (LFA) field procedure demonstrate that soil and vegetation properties (11 indicators as per Section 10.3 of the Rehabilitation Management Plan (RMP), version 3, 23/09/2022) confirm ongoing transition towards that of respective reference sites<sup>4</sup> that have not been mined.</p> |
| <b>RM7</b> | Achievement of post-mining land use to stable condition (Future Industry)               | <p>a) Engineers report confirming remaining infrastructure is safe, stable and non-polluting.</p> <p>b) Any infrastructure that is to remain on site is covered in a written landholder agreement.</p> <p>c) A contaminated land survey carried out by a suitably qualified person indicates that no contamination unsuitable for the future industry PMLU is occurring.</p> <p>d) No erosion classifications of 'Severe' or 'Extreme' and no active erosion present as demonstrated by no increase in erosion over time.</p>                                                                                                                                                                                                                                                                                                                                                                                                        |

1. *Suitably qualified person* means a person who has professional qualifications, training, skills or experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis on performance relating to the subject matter using the relevant protocols, standards, methods, or literature.

## 2. Erosion classification framework:

| Erosion Classification                         | Minor | Moderate | Severe | Extreme |
|------------------------------------------------|-------|----------|--------|---------|
| No. of rills/gully                             | <15   | 15-30    | 31-50  | >50     |
| Average depth (cm)                             | <10   | 10-30    | 30-60  | >60     |
| Proportion of site affected by disturbance (%) | <1    | 1-5      | >5     | -       |

Source: after Neldner, V.J., Wilson, B.A., Dillewaard, H.A., Ryan, T.S., Butler, D.W., McDonald, W.J.F, Addicott, E.P. and Appelman, C.N. 2020, *Methodology for survey and mapping of regional ecosystems and vegetation communities in Queensland*. Version 5.1. Updated March 2020. Queensland Herbarium, Queensland Department of Environment and Science, Brisbane.

3. Land in a stable condition as defined in section 111A of the *Environmental Protection Act 1994*:**111A Meaning of stable condition**

Land is in a **stable condition** if—

- a) the land is safe and structurally stable; and
- b) there is no environmental harm being caused by anything on or in the land; and
- c) the land can sustain a post-mining land use.

## 4. Rehabilitation Reference Sites

| SITE ID | Mining district | Easting | Northing |
|---------|-----------------|---------|----------|
| A       | Rockhampton     | 228329  | 7398402  |
| B       | Rockhampton     | 229271  | 7398364  |

5. *Weed* means weeds classified as Category 3 restricted invasive plant species from the *Biosecurity Act 2014*.

Figure 3. Potential rehabilitation reference sites



END OF **PRCP** SCHEDULE