

PRCP schedule

Environmental Protection Act 1994

PRCP Schedule P-PRCP-100974823 Lake Lindsay

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

PRCP schedule: P-PRCP-100974823_v3

PRCP schedule holder(s)

Name(s)	Registered address
Anglo Coal (German Creek) Pty Ltd	Level 11, 201 Charlotte Street, BRISBANE CITY QLD 4000
Jena Pty Ltd	Level 11, 201 Charlotte Street, BRISBANE CITY QLD 4000
Mitsui German Creek Investment Pty Ltd	Level 46, Gateway, 1 Macquarie Place, SYDNEY NSW 2000

Location details

Location(s)
Mining Lease (ML) ML70336; ML700076

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

Alison Cummings

Department of the Environment, Tourism, Science and Innovation

Delegate of the administering authority

Environmental Protection Act 1994

24 July 2026

Date

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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 if the administering authority directs the holder, by written notice (a *PRCP schedule audit notice*), to commission an audit of the schedule.
- the holder must, within 4 months after the PRCP schedule audit notice is given, provide the administering authority –
 - a) the rehabilitation auditor's report (an audit report) about the audit that complies with section 286 of the EP Act, and
 - b) a declaration for the audit report that complies with section 285 of the EP Act.

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

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

PRCP schedule

The PRCP schedule incorporates the following sections:

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

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 EPML00739113 must have an associated rehabilitation outcome provided in this PRCP Schedule. |
| PRCP2 | <p>The holder must, for each rehabilitation and improvement area, achieve the corresponding rehabilitation or management milestone criterion (milestone reference):</p> <ul style="list-style-type: none"> (a) for the cumulative area available specified in this schedule; and (b) by the milestone completion date specified in this schedule. |
| PRCP3 | <p>Where land becomes 'available for rehabilitation' earlier than the date nominated in this schedule, the holder must:</p> <ul style="list-style-type: none"> (a) notify the administering authority in writing within 30 days of the land becoming 'available for rehabilitation'. (b) describe in the notification why or why not it considers that it would be reasonable and appropriate to apply to the administering authority to amend this schedule; and (c) unless otherwise agreed to by the administering authority in writing, apply to the administering authority within sixty (60) days of the notification to amend this schedule in a way that maximises the progressive rehabilitation to a stable condition. <p>Notes:</p> <ul style="list-style-type: none"> 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. Assessment of land becoming available is undertaken on a nominally annual basis. 3. Rehabilitation of land size must be practicable and economical. 4. 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 | <p>Where an area achieves a rehabilitation or management milestone, the holder must continue to achieve the milestone criteria until:</p> <ul style="list-style-type: none"> (a) The next rehabilitation milestone is achieved; or (b) A progressive certification area has satisfied the provisions of section 318ZB(4) of the EP Act; and (c) Until a surrender for the area is approved. |
| PRCP5 | <p>The holder must maintain a risk register that identifies the risks to not achieving:</p> <ul style="list-style-type: none"> (a) a stable condition for post-mining land uses (PMLU); (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;
 - (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 or management milestone criteria of this schedule.
 - (b) Rehabilitation activities and the results of those activities (including but not limited to, actions taken, date, location, methods, data collected, QA/QC, photos, waste tracking and disposal records, appropriately qualified person details and assumptions);
 - (c) Maintenance of rehabilitation and the results of maintenance activities;
 - (d) Monitoring of rehabilitation and the results of monitoring;
 - (e) Details and results of rehabilitation trials;
 - (f) Designs, drawings, specifications and any similar documents developed in accordance with good professional practice in relation to rehabilitation milestones or milestone criteria;
 - (g) All documents in relation to the requirements of this schedule, including reports (e.g. site investigation report), statements (e.g. site suitability statement), certifications, assessments, investigations, inspections, audits or any similar documents developed in relation to rehabilitation milestones or milestone criteria;
 - (h) Landholder agreements; and
 - (i) Details of community consultation in the community consultation register relating to rehabilitation and closure activities.
- 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) must contain sufficient detail to allow for independent peer review and substantiation.
- PRCP12** Disturbance due to exploration and minor ancillary activities in areas not planned to be mined and not within a Rehabilitation Area in this Schedule must be rehabilitated in accordance with the provisions detailed in the *'Eligibility criteria and standard conditions for exploration and mineral development projects'* or its successor, with the exception that land must be rehabilitated to a stable condition which includes achieving the relevant post mining land use for the disturbance location as detailed in **Figure 1 – Final Site Design**.
- PRCP13** An up-to-date closure groundwater and water balance model (calibrated once data becomes available) must be maintained with predictions rerun at least every **five (5) years**, from the date of approval of version 1 of the PRCP schedule and within a year of any surrender application.

- PRCP14** By **10 December 2027** the holder must submit to the administering authority a report that includes:
- (a) the proposed methodology of assessing rehabilitation against the reference site; and
 - (b) an AQP review of the adequacy of reference sites listed in **Attachment 9 – Rehabilitation Reference Sites** which must at a minimum consider:
 - (i) The location of the reference sites (GDA2020);
 - (ii) The number of reference sites nominated;
 - (iii) The rehabilitation area/domain to which each reference site relates; and
 - (iv) Justification for the suitability of each nominated reference site.
- PRCP15** Once endorsed by the administering authority, the methodology for assessing the rehabilitation against the reference sites attributes identified in **PRCP14** will replace the BioCondition benchmark criteria listed in **RM7.8, RM7.9, RM7.10** and **Attachment 4 - PRCP Benchmarks for Rehabilitation Areas**.
- PRCP16** By **10 December 2026** the holder must submit to the administering authority the following reports
- (a) A report that proposes soil quality criteria for inclusion in **Attachment 1 – Soil Quality Criteria** based on site-specific data.
 - (b) A report that proposes surface water quality for inclusion in **Attachment 6 – Surface Water Quality** based on site specific data.
 - (c) A report that proposes ground water quality for inclusion in **Attachment 8 – Ground Water Quality** based on site specific data

END OF CONDITIONS

Section B – Definitions

Term	Definition
Activity (EP Regulation)	includes that part, if any, of an activity relating to the following— (a) preparing a place for the activity before carrying out the activity; (b) rehabilitating a place after it has been used for carrying out the activity.
Appropriately qualified person (AQP)	means a person who has professional qualifications, training, skills and experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis on performance relative to the subject matter using the relevant protocols, standards, methods or literature.
BioCondition	refers to the <i>BioCondition Assessment Manual</i> (Eyre, T.J., Kelly, A.L, Neldner, V.J., Wilson, B.A., Ferguson, D.J., Laidlaw, M.J. and Franks, A.J. (2015)) and <i>BioCondition: A Condition Assessment Framework for Terrestrial Biodiversity in Queensland. Assessment Manual. Version 2.2</i> (Queensland Herbarium, Department of Science, Information Technology, Innovation and Arts, Brisbane) or later versions thereof.
Contaminants	can be a gas, liquid or solid; or an odour; or an organism (whether alive or dead), including a virus; or energy, including noise, heat, radioactivity and electromagnetic radiation; or a combination of contaminants.
Contaminated Land Auditor	A contaminated land auditor is responsible for auditing the work of the suitably qualified person (SQP) by evaluating and certifying site investigation and validation reports and drafting the site management plans that are submitted for a decision on a land contamination matter.
Environmentally problematic material	means material (e.g. PAF) that will negatively impact water quality and stability or vegetation growth.
Exploration, Ancillary and other authorised activities (RA4)	Includes the following activities: (a) Exploration; and (b) Ancillary activities such as roads, fences, underground services, telecommunications facilities, pipelines, electrical infrastructure, storage depots, laydown or shutdown pads and monitoring stations and bores. *Rehabilitation milestones applicable to RA4 Exploration, Ancillary and other authorised activities only applicable where activities have been undertaken. PMLU of Grazing.
Flood stress	is the pressure on structures from rapid water rise, erosion, and saturation during extreme floods, risking instability.
Growth media	is defined as all soil and soil-like material that will support the final vegetation cover. This includes the topsoil and subsoil where these materials are applied independently. Where the topsoil is incorporated into the underlying subsoil/spoil, topsoil refers to the depth of incorporation and the remaining depth is regarded as subsoil. The total depth of growth media is nominally considered to be the effective plant root zone
Gully	A gully is a channel excavated by water, more than 0.3 m deep.
Independent AQP	is an AQP who is a third party, being independent of the PRCP schedule holder, and has not previously provided advice on the matter the subject of the review.
Independently peer reviewed	means a peer reviewer who is a third-party to the PRCP schedule holder and the AQP whose report is being reviewed and substantiated. The peer reviewer shall also be an AQP and documentation provided must contain sufficient detail to allow for independent technical review and substantiation and provide and justify site-specific landform performance (SMART) criteria.
Potentially acid forming	means material with either a Net Acid Producing Potential of greater than 5 kg of

Term	Definition
(PAF)	H ₂ SO ₄ /tonne or a Net Acid Generation oxidation pH of less than 4.5 (pH unit).
Rehabilitation activity	means any activity that the holder is required to carry out in relation to this PRCP schedule.
Relevant material	includes: (a) Final landform design report, (b) Durability assessment/ report, (c) "As Constructed" report; (d) All monitoring data (e) Assessment of monitoring data, (f) All maintenance records; and (g) Modelling and technical assessments.
Relevant structure	To be defined during the assessment and listed here. Typically includes TSF and higher risk structures, including WRDs.
Rill	A rill is a channel excavated by water, less than 0.3 m deep.
Stable	in relation to land, means landform dimensions are or will be stable within tolerable limits now and in the foreseeable future. Stability includes consideration of environmental context, geotechnical stability, settlement and consolidation allowances, bearing capacity (trafficability), erosion resistance and geochemical stability with respect to seepage, leachate and related contaminant generation.
Stabilised	means one or both of the following conditions apply: no evidence of sediment movement; sides and/or floors of erosion form are revegetated (Australian Soil and Land Survey Field Handbook Third Edition).
Stable condition	see section 111A of the <i>Environmental Protection Act 1994</i> .
Suitably qualified and experienced person (SQP)	for performing a regulatory function under chapter 7, part 8 (Contaminated Land) of the EP Act or another function prescribed under a regulation, means a person who: (a) has qualifications and experience relevant to performing the function; and (b) if a regulation prescribes an organisation for this paragraph—is a member of the organisation.
Vegetative groundcover	Means plants, plant litter, tree leaf litter, twigs and woody debris capable of protecting the soil surface from erosion

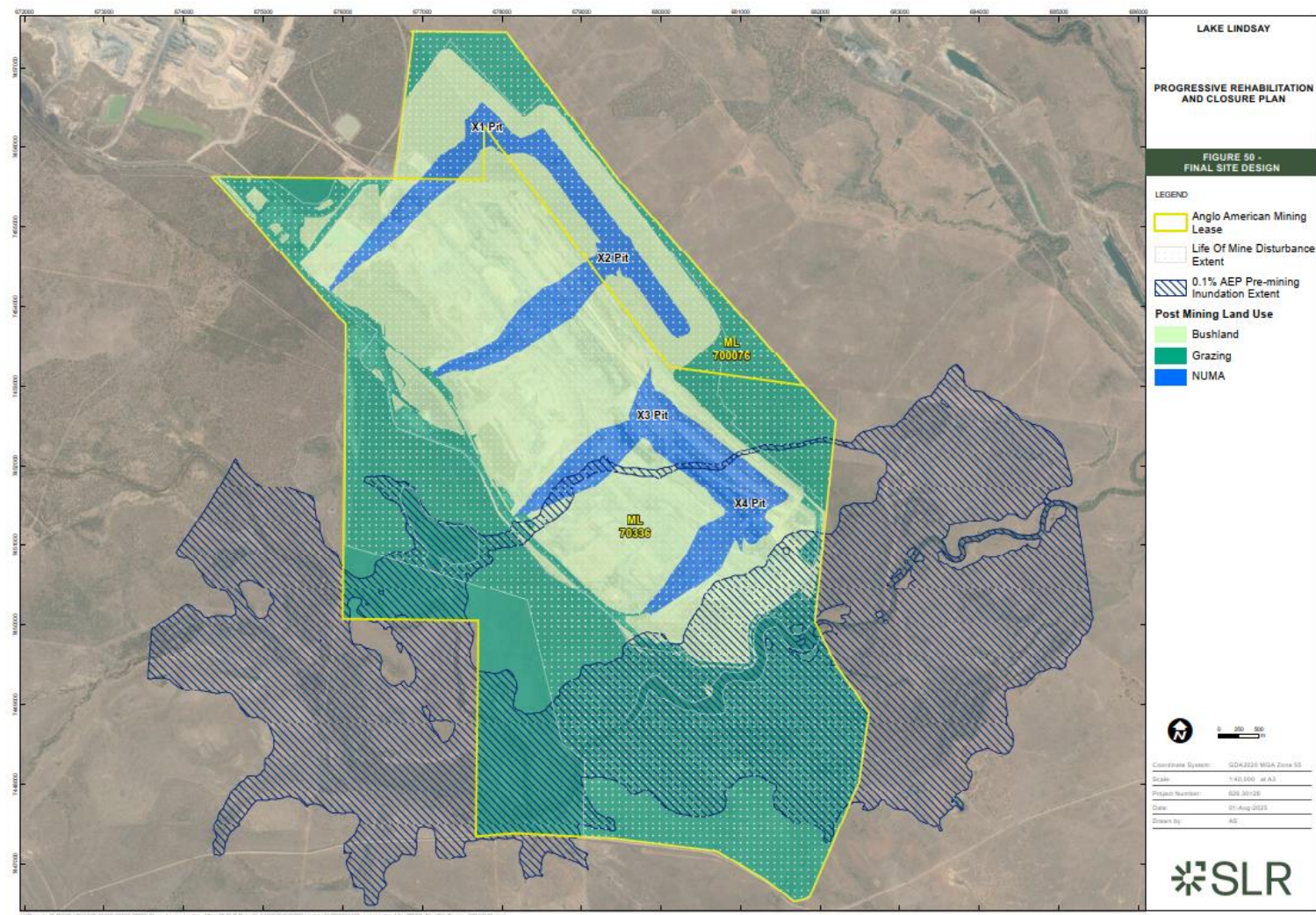
END OF DEFINITIONS

PRCP schedule

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Section C – Final site design and reference maps

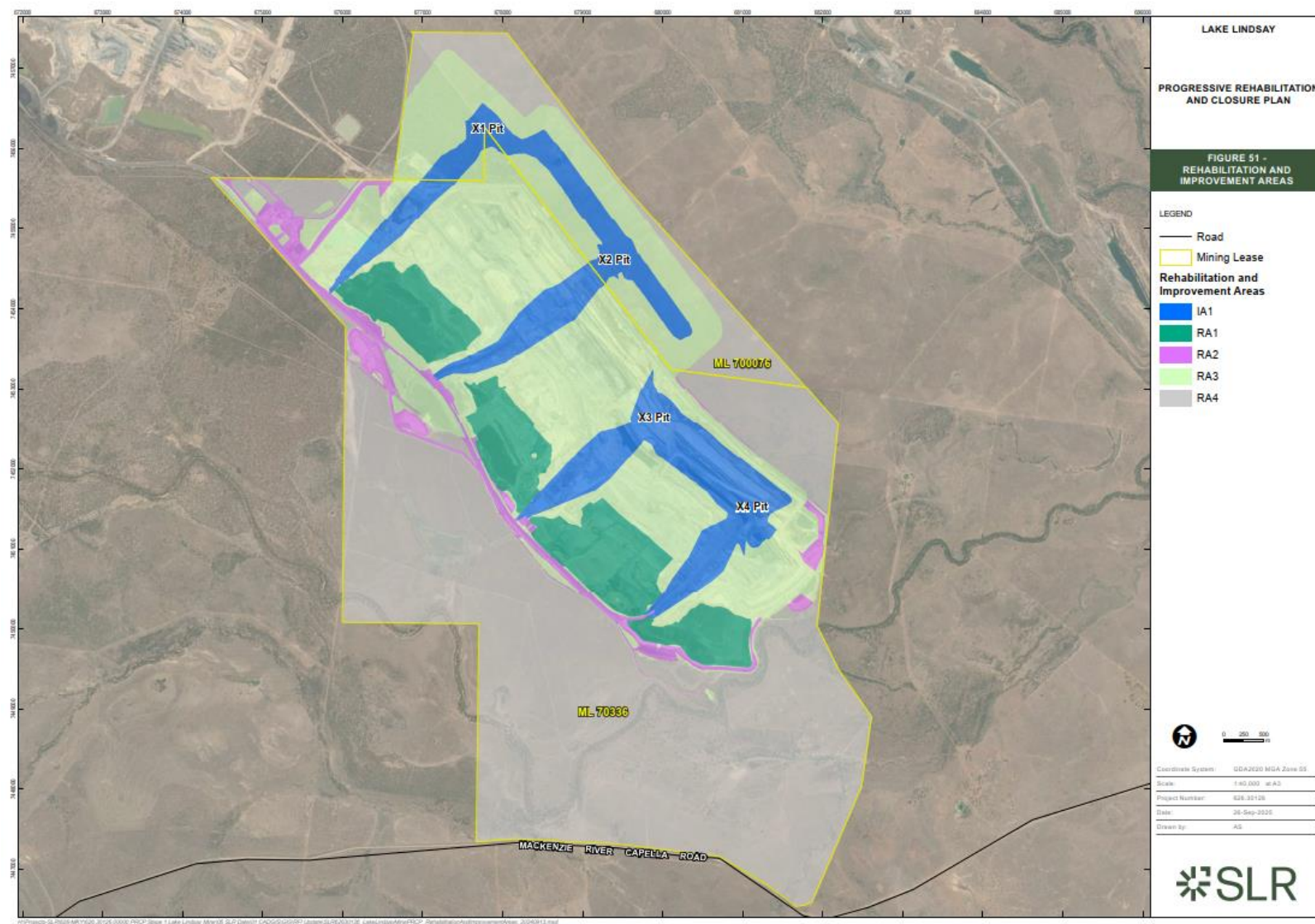
Figure 1 – Final Site Design



PRCP schedule

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Figure 2 – Reference Map



Section D – Post mining land uses

Milestone reference	Rehabilitation milestone	Rehabilitation Area				
		RA1	RA2	RA3	RA4	IA1
RM1	Infrastructure decommissioning and removal					
RM2	Contaminated land assessment and remediation					
RM3	Landform development, reshaping and reprofiling					
RM4	Surface preparation					
RM5	Revegetation					
	• Bushland PMLU					
	• Grazing PMLU					
RM6	Achievement of surface requirement					
	• Grazing PMLU					
	• Bushland PMLU					
RM7	Achievement of post-mining land use to a stable condition					
	• Grazing PMLU					
	• Bushland PMLU					
RM8	Achievement of post-mining land use water quality					
MM1	Achievement of final landform design					
MM2	Achievement of safety requirements					
MM3	Achievement of Sufficient Improvement					

(RA1) Rehabilitation area 1

Post-mining land uses (PMLU)										
Rehabilitation area				RA1						
Relevant activities				Existing Rehabilitation						
Total rehabilitation area size (ha)				432						
Commencement of first milestone: RM6				10/12/2025						
PMLU				Bushland						
Date area is available	10/12/2025									
Cumulative area available (ha)	432									
Milestone completed by	10/12/2044	10/12/2049	10/12/2054							
Milestone Reference	Cumulative area achieved (ha)									
RM6	432									
RM7		432								
RM8			432							

(RA2) Rehabilitation area 2

Post-mining land uses (PMLU)										
Rehabilitation area	RA2									
Relevant activities	Infrastructure areas, water storage (dams), laydowns, roads and access tracks									
Total rehabilitation area size (ha)	183									
Commencement of first milestone: RM1	10/12/2055									
PMLU	Grazing									
Date area is available	10/12/55									
Cumulative area available (ha)	183									
Milestone completed by	10/12/60	10/12/63	10/12/68	10/12/72	10/12/77	10/12/82	10/12/87			
Milestone Reference	Cumulative area achieved (ha)									
RM1	183									
RM2		183								
RM3			183							
RM4				183						
RM5				183						
RM6					183					
RM7						183				
RM8							183			

(RA3) Rehabilitation area 3

Post-mining land uses (PMLU)											
Rehabilitation area				RA3							
Relevant activities				Overburden dumps, reshaped highwalls, RoM pads, exploration disturbance, all other mine affected disturbance areas							
Total rehabilitation area size (ha)				1,451							
Commencement of first milestone: RM1				10/12/2032							
PMLU				Bushland							
Date area is available	10/12/32	10/12/37	10/12/40	10/12/45	10/12/50						
Cumulative area available (ha)	68	88	426	1232	1451						
Milestone completed by	10/12/37	10/12/40	10/12/45	10/12/50	10/12/55	10/12/60	10/12/65	10/12/70	10/12/75	10/12/80	10/12/85
Milestone Reference	Cumulative area achieved (ha)										
RM1	68	88	426	1232	1451						
RM3		68	88	426	1232	1451					
RM4			68	88	853	1374	1451				
RM5			68	88	853	1374	1451				
RM6				68	88	853	1374	853	1451		
RM7						68	88	853	1374	1451	
RM8							68	88	853	1374	1451

(RA4) Rehabilitation area 4

Post-mining land uses (PMLU)											
Rehabilitation area				RA4							
Relevant activities				Exploration and ancillary activities							
Total rehabilitation area size (ha)				2,261ha							
Commencement of first milestone: RM1				10/01/2056							
PMLU				Grazing							
Date area is available	10/01/56										
Cumulative area available (ha)	2261										
Milestone completed by	10/12/65	10/12/70	10/12/75	10/12/80	10/12/85						
Milestone Reference	Cumulative area achieved (ha)										
RM1	2261										
RM5		2261									
RM6			2261								
RM7				2261							
RM8					2261						

Rehabilitation area milestones

Milestone reference	Rehabilitation milestone	Milestone criteria
RM1	Infrastructure decommissioning and removal ALL RAs	1.1 With the exception of any infrastructure to remain as part of the post mining land use or where infrastructure is agreed to be retained by the landholder as evidenced by a signed landholder agreement, the following are complete: All buried services are decommissioned. (a) All surface services are removed (e.g. Polypipe water lines). (b) All buildings and associated infrastructure removed offsite. (c) All hardstand, concrete areas and roads (bitumen, etc.) removed. (d) All fencing and associated foundations removed. (e) All waste that is not authorised to be disposed of on-site under Environmental Authority EPML00739113 is removed. (f) All drillholes, bores, sediment ponds and sumps decommissioned. (g) All machinery and equipment, not required for rehabilitation works, removed from site. (h) All dams dewatered and desilted. (i) Watercourse crossings and culverts removed.
RM2	Contaminated land assessment and remediation ALL RAs	2.1 Contaminated Land Investigation Document completed in accordance with the Environmental Protection Act 1994, including a site investigation report, and, where required, a Validation Report and/or a draft Site Management Plan. 2.2 Contaminated water and contaminated sediment removed from dams. 2.3 Contaminated and hazardous material either remediated in-situ or removed/transported to facility lawfully able to accept the material. 2.4 Suitably Qualified Person (SQP) certifies that that no contamination unsuitable for the PMLU remains or is occurring.
RM3	Landform development, reshaping and reprofiling ALL RAs	3.1 All major earthworks (including reshaping, pushing/trimming) are completed in accordance with the design specification provided by an AQP. 3.2 Constructed landform achieves geotechnical stability with a Factor of Safety (FOS) ≥ 1.5, which includes consideration of flood stress. 3.3 The landform achieves the following slopes: (a) Externally draining spoil slopes: sloped to less than 1V:3H (i.e., < 33.3%); (b) Internally draining spoil slopes: slope gradient of less than 1V:6H (i.e., < 16.7%); (c) Top of dumps: slope gradient of less than 1V:10H (i.e., < 10%);

Milestone reference	Rehabilitation milestone	Milestone criteria
		(d) Infrastructure areas, access tracks and roads: sloped to less than 1V:10H (i.e., < 10%). Suitably Qualified Person (SQP) certifies that that no contamination unsuitable for the PMLU remains or is occurring. 3.4 Disturbed natural watercourse bed and banks returned to a natural condition with profile similar to the pre-disturbance condition. 3.5 Disturbed natural watercourse bed and banks returned to a natural condition with profile similar to the pre-disturbance condition. 3.6 Environmentally problematic materials specifically potentially acid forming (PAF) and self-combusting materials are appropriately placed and located within the final landform or capped so as not to be exposed to the final landform surface.
RM4	Surface Preparation ALL RAs	4.1 Assessment of growth media characteristics and the development of an amelioration and physical treatment plan to achieve the criteria in Attachment 1 – Soil Quality Data is completed by an AQP. 4.2 Where the growth media (topsoil, rock mulch and subsoil) physical, chemical and biological properties tested under RM4.1 does not meet the criteria in Attachment 1 – Soil Quality Data soil ameliorants such as fertiliser, gypsum and/or organic matter are applied at rates determined by an AQP and documented. 4.3 Growth media is applied in areas where topsoil has previously been removed at: (a) a minimum depth of 150mm for topsoil; or (b) at a rate/hectare for manufactured growth media as recommended by an AQP. 4.4 Deep ripping to a minimum depth of 300mm into soil/spoil along contour of slopes. 4.5 Rock mulch is applied as per below: (a) Externally draining spoil slopes: (i) For slopes >1V:4H (i.e., >25%): a) ≥0.5m depth; and b) minimum 75% surface rock (>20mm) cover. (ii) For slopes ≤1V:4H (i.e., ≤25% and ≥16.67%): a) ≥0.2m depth; and b) minimum 50% surface rock (>20mm) cover. (b) Internally draining slopes: (i) Cover with depth ≥0.2m. 4.6 Gypsum, or a suitable alternative ameliorant, is applied to externally draining spoil slopes, to a minimum treatment depth of 400mm (±100mm):

Milestone reference	Rehabilitation milestone	Milestone criteria
		(a) ≥ 25 tonnes per hectare (t/ha); and/or (b) At a rate sufficient to reduce the ESP below 14%.
RM5	Revegetation ALL RAs	5.1 With the exception of non-persistent cover crop species, the seed mix contains only those species listed in Attachment 2 – Seed mix species list and seeding rates for the relevant PMLU. 5.2 Seed mix applied at the recommended rate for the relevant PMLU as detailed in Attachment 2 – Seed mix species list and seeding rates .
RM6	Achievement of surface requirements ALL RAs	6.1 No evidence of erosion classified as ‘moderate’ or ‘severe’ as defined by Attachment 3 – Erosion classification framework . 6.2 Despite RM6.1 erosion is acceptable in the achievement of surface requirements provided an AQP certifies that all active erosion has been identified, and remediation activities have been completed. 6.3 No prohibited invasive plants present, and proportion of weed cover is $<10\%$ of total vegetative cover. 6.4 The landform is free draining ¹ , with exception of retained water management infrastructure, and there is no evidence of any of the following: (a) Vegetation die-back localised in low points on the landform surface; or (b) Salt rise as evidenced by salt deposition at the landform surface. 6.5 Vegetative groundcover is: (a) Bushland PMLU: (i) $>15\%$ slopes must achieve $\geq 70\%$ groundcover (rock mulch, leaf litter, vegetation etc), consisting of at least 25% vegetative groundcover. (ii) $\leq 15\%$ slopes must achieve $\geq 50\%$ groundcover (rocks, leaf litter, vegetation etc), consisting of at least 25% vegetative groundcover. (b) $\geq 50\%$ established and self-sustaining vegetation groundcover for grazing PMLU, of which at least 50% of dry matter yield is 3P pasture species as listed in Attachment 2 - Seed mix species list and seeding rates for grazing PMLU.
RM7	Achievement of post-mining land use to a stable condition ALL RAs with additional criteria where specified	7.1 Hazard assessment completed by an AQP to confirm safety hazards in the rehabilitation area are not significantly different to surrounding unmined landscapes subject to the same land use. 7.2 Weed presence is a maximum of 10% of total vegetative cover confirmed by an AQP in annual monitoring. Less than 5% of total vegetative groundcover is declared weeds (as defined in the <i>Biosecurity Act 2014</i>).

¹ Intermittent ponding on areas of the final landform is permitted except if the ponding is present for 90 or more consecutive days per year during the dry season (April to October).

Milestone reference	Rehabilitation milestone	Milestone criteria
		7.3 No evidence of erosion classified as 'moderate' or 'severe' as defined by Attachment 3 – Erosion classification framework. 7.4 No evidence of scouring, gully, or rilling in or adjacent to water management drainage infrastructure retained on the landform (including spine drains, contour drains and chutes). 7.5 Surface water runoff to the receiving environment complies with Attachment 6 – Surface water quality limits. <u>Bushland PMLU (RA1, RA2)</u> 7.6 Recruitment of >10 native species, including mix of eucalypt, acacia and native groundcover species. 7.7 Groundcover: (a) >15% slopes must achieve ≥70% groundcover (rock mulch, leaf litter, vegetation etc), consisting of at least 40% vegetation groundcover. (b) ≤15% slopes must achieve ≥50% groundcover (rocks, leaf litter, vegetation etc), consisting of at least 40% vegetation groundcover. 7.8 A BioCondition assessment is completed by an AQP using the methodology outlined in the latest version of the Queensland Herbarium's 'BioCondition Assessment Manual'. 7.9 The BioCondition assessment completed under RM7.7 complies with the >20/60 PRCP Benchmark for the PMLU, as per Attachment 4 – PRCP Benchmarks for Rehabilitation Areas. 7.10 Where RM7.7 is not achieved, an AQP has confirmed that the ecosystem is on a trajectory to achieving the BioCondition benchmarks 10-15 years of Attachment 4 – PRCP Benchmarks for Rehabilitation Areas. <u>Grazing PMLU (RA3, RA4)</u> 7.11 ≥80% established and self-sustaining vegetative groundcover of species as listed in Attachment 2 – Species list and seeding rates for grazing PMLU. 7.12 Minimum vegetation composition of: (a) three species of 3P native pasture species; and (b) two legumes. 7.13 Land suitability class assessed by an AQP that the land has achieved a post-mining land suitability class of ≥3 for cattle grazing, or not different from pre-mining class if it is class 4.
RM8	Achievement of post-mining land use water quality ALL RAs	8.1 Surface water quality results monitored monthly during flow at, but not limited to, downstream locations specified in Attachment 5 – Surface water monitoring locations, must not exceed the limits in Attachment 6 - Surface water quality limits, for a minimum of five (5) consecutive years.

Milestone reference	Rehabilitation milestone	Milestone criteria
		8.2 If (A) the surface water quality results exceed the criteria in RM8.1; and (B) if there is flow at both the upstream and downstream monitoring location for each watercourse; then, each year by 1 November, an AQP must complete and provide to the administering authority an assessment of the cause of the exceedance and risk of rehabilitation not achieving a stable condition. Where the assessment concludes: (a) That there is a low risk to achieving a stable condition, then no further action is to be taken; (b) That there is a risk greater than low to achieving a stable condition, then an assessment of potential environmental harm and any changes or rectification actions to rehabilitation activities must be determined and implemented. 8.3 If RM8.2(b) is triggered, then the five (5) year timeframe under RM8.1 is reset. 8.4 For a minimum of five (5) consecutive years groundwater quality must be monitored quarterly at, but not limited to, compliance bores/locations specified in Attachment 7 – Groundwater monitoring locations, for all quality characteristics listed in Attachment 8 – Groundwater quality limits. 8.5 Groundwater quality results must not exceed the limits in Attachment 8 – Groundwater quality limits, for three (3) consecutive results. 8.6 Groundwater level is monitored quarterly and for a minimum of five (5) consecutive years.

Notes:

1. Weeds are defined by the Biosecurity Act 2014.
2. A species presence consistent with those used in the rehabilitation seed mix (Attachment 1 - Recommended species seed mixes), does not require all species seeded to be present. However, rehabilitation monitoring results should demonstrate species presence of those which can be expected at the time of monitoring (i.e., wet or dry season) consistent with the rehabilitation seed mix.
3. 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.

Section E – Non-use management areas

(IA1) Improvement area 1

Non-use management area (NUMA)										
Improvement area				IA1						
Relevant activities				Residual voids - (highwalls, low walls, end walls inundated by water, ramps and water contained within voids)						
Total size (ha)				525						
Commencement of first milestone: MM1				10/12/2044						
NUMA				Non-use management area						
Date area is available	10/12/44									
Cumulative area available (ha)	525									
Milestone completed by	10/12/54	10/12/59								
Milestone Reference	Cumulative area achieved (ha)									
MM1	525									
MM2	525									
MM3		525								

Improvement area milestones

Milestone reference	Management milestone	Milestone criteria
MM1	Achievement of final landform design	1.1 Pit walls achieve a Static Factor of Safety > 1.5 and Seismic Factor of Safety > 1.0. 1.2 Pit walls and voids assessed as geotechnically stable. 1.3 Pit walls achieve a maximum slope of $\leq 1V:3H$ (33.3%). 1.4 Pit wall landforms must: (a) Prevent surface or seepage flow of floodwaters up to and including the 0.1% AEP into the void; and (b) Not be constructed with dispersive material. 1.5 Residual voids must not overtop. 1.6 The location of the voids and associated safety bunds does not cause instability or degradation to the land outside the NUMA.
MM2	Achievement of safety requirements	2.1 Safety bunds are constructed in accordance with the Department of Industry and Resources (1997) Guideline Safety Bund Walls Around Abandoned Open Pit Mines or as recommended by an AQP. 2.2 Competent safety bunds or equivalent landform in place to prevent access to the residual void constructed in accordance with engineering requirements, including: (a) Constructed from non-weathered, non-dispersive rockfill; (b) A minimum of 2m in height; (c) A minimum of 5m base width; and (d) At the geotechnical setback distance of a minimum of 15m. 2.3 Safety signage (design in accordance with Australian standard) is erected at 100m intervals.
MM3	Achievement of sufficient improvement	3.1 Groundwater and void lake water level and quality monitoring confirms that the void acts as a groundwater sink in the long-term. 3.2 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, surface water and groundwater quality monitoring and modelling. 3.3 The pit wall landform has been constructed in accordance with the final design. 3.4 Appropriate safety infrastructure at the geotechnical set-back distance has been installed to prevent access to the NUMA. 3.5 The residual voids are safe to humans and livestock. 3.6 Voids retain flood immunity, supported by flood modelling re-run at end of life and calibrated against the final landform. 3.7 Erosion of the landform within the NUMA area will not negatively impact on the stability of the safety bund and any adjacent rehabilitation areas, or their ability to sustain their PMLU.

Section F – Attachments

Attachment 1 – Soil Quality Criteria

Parameter	Criteria
	RM4
pH	6-9
EC _{1:5} (µS/cm)	≤1,500
Exchangeable Sodium Percentage [ESP] (%)	<6.0
Total Organic Carbon (%)	>1.0
Plant Available Water Capacity [PAWC] (mm/m)	>75
Emerson aggregate class	≥4

Attachment 2 – Species seed mix and application rate

Bushland Mix

Scientific name	Common name	Steep Rocky Slopes	Flat-Loamy Surfaces	Minimum application rate (kg/ha)
Trees				
<i>Allocasuarina luehmannii</i>	Bull-oak/ buloke	X	X	Minimum of 3 species from the list with bulked seed at 3kg/ha (assuming chaff and impurities in the seed lots). Use 1.5kg/ha if using pure seed
<i>Corymbia clarksoniana</i>	Clarkson's Bloodwood	X	X	
<i>Corymbia erythrophloia</i>	Red bloodwood	X	X	
<i>Eucalyptus cambageana</i>	Dawson River blackbutt/ Dawson gum/ Coowarra box		X	
<i>Eucalyptus citriodora</i>	Lemon-scented gum	X	X	
<i>Eucalyptus crebra</i>	Narrow-leaved ironbark	X	X	
<i>Eucalyptus melanophloia</i>	Silver-leaved ironbark		X	
<i>Corymbia dallachiana</i>	Dallachy's Gum		X	
<i>Eucalyptus populnea</i>	Poplar box		X	
<i>Eucalyptus thozetiana</i>	Mountain Yapunyah	X	X	
<i>Eucalyptus brownii</i>	Reid River Box	X	X	
Tall Shrubs/Small Trees				
<i>Acacia bancroftiorum</i>	Bancroft’s wattle	X	X	minimum of 4 species from the list with bulked seed at 4kg/ha (assuming some chaff and impurities in the seed lots)
<i>Acacia catenulata</i>	Bendee	X		
<i>Acacia crassa</i>	Curracabah	X	X	
<i>Acacia cretata</i>	Chalky wattle	X		
<i>Acacia decora</i>	Pretty Wattle	X	X	
<i>Acacia rhodoxylon</i>	Ringy rosewood/ Rosewood	X	X	
<i>Acacia shirleyi</i>	Lancewood	X		

Scientific name	Common name	Steep Rocky Slopes	Flat-Loamy Surfaces	Minimum application rate (kg/ha)
<i>Acacia oswaldii</i>	Umbrella Wattle	X	X	
<i>Cassia brewsteri</i>	Brewster’s Cassia	X	X	
<i>Eremophila mitchellii</i>	False sandalwood		X	
Low Shrubs				
<i>Clerodendrum floribundum</i>	Lolly bush		X	minimum of 1 species from the list with bulked seed at 1kg/ha (assuming some chaff and impurities in the seed lots)
<i>Corchorus trilocularis</i>	Wild jute		X	
<i>Dodonaea viscosa</i>	Hopbush		X	
<i>Eremophila bignoniiflora</i>	Bignonia emu-bush		X	
<i>Senna artemisioides</i>	Silver Cassia	X	X	
Grasses and Cover Crop Species				
<i>Aristida latifolia</i>	Feathertop wiregrass	X	X	Minimum of 3 species from the list with bulked seed at 3kg/ha (assuming some chaff and impurities in the seed lots)
<i>Bothriochloa bladhii</i>	Forest Bluegrass	X	X	
<i>Bothriochloa decipiens</i>	Red grass	X	X	
<i>Chrysopogon fallax</i>	Golden beard grass ribbon grass	X	X	
<i>Cymbopogon bombycinus</i>	Citronella grass	X	X	
<i>Entolasia stricta</i>	Wiry panic	X	X	
<i>Echinochloa utilis</i>	Shirohie Millet (cover crop)	X	X	
<i>Heteropogon contortus</i>	Black speargrass/ tanglehead		X	
<i>Panicum queenslandicum</i>	Yadbila grass/ Coolabah grass	X	X	
<i>Themeda triandra</i>	Kangaroo Grass	X	X	

Scientific name	Common name	Steep Rocky Slopes	Flat-Loamy Surfaces	Minimum application rate (kg/ha)
<i>Dichanthium sericeum</i> (G)	Queensland Bluegrass	X	X	
<i>Lolium multiflorum</i>	Annual Rye	X	X	
Forbs				
<i>Atriplex muelleri</i>	Muellers saltbush		X	Minimum of 2 species from the list with bulked seed at 1kg/ha (assuming some chaff and impurities in the seed lots)
<i>Einadia nutans</i>	Climbing saltbush		X	
<i>Enchylaena tomentosa</i>	Ruby saltbush		X	
<i>Atriplex nummularia</i>	Old Man Saltbush	X	X	

Grazing Mix

Scientific name	Common name	Minimum application rate (kg/ha)
<i>Chloris ventricosa</i>	Tall Chloris	Minimum of 3 species from the list with a bulked seed weight of 3 kg/ha (assuming some chaff and impurities in the seed lots)
<i>Cymbopogon refractus</i>	Barbed wire grass	
<i>Clitoria ternatea</i>	Butterfly pea (legume)	
<i>Paspalidium jubiflorum</i>	Warrego grass	
<i>Enteropogon acicularis</i>	Curly windmill grass	
<i>Bothriochloa decipiens</i>	Pitted Bluegrass	
<i>Panicum decompositum</i>	Native millet	
<i>Chloris divaricata</i>	Slender chloris	
<i>Panicum effusum</i>	Hairy panic	
<i>Digitaria spp.</i>	Summer grass	
<i>Eragrostis sp.</i>	Lovegrass	
<i>Rytidosperma sp.</i>	Wallaby Grass	
<i>Melinis repens</i>	Red Natal Grass	
<i>Chloris gayana</i>	Rhodes Grass	
<i>Cynodon dactylon</i>	Bermuda/Couch Grass	

Scientific name	Common name	Minimum application rate (kg/ha)
<i>Rhynchosia minima</i> var. <i>minima</i>	Rhyncho (legume)	
<i>Glycine tabacina</i>	Glycine Pea (legume)	
<i>Panicum decompositum</i>	Native Millet (cover crop)	
<i>Lolium multiflorum</i>	Annual Rye (sterile cover crop)	
<i>Echinochloa utilis</i>	Shirohie Millet (sterile cover crop)	
<i>Echinochloa esculenta</i>	Japanese Millet (sterile cover crop)	
3P Species		
<i>Themeda triandra</i>	Kangaroo Grass	Minimum 3 species from the list with a bulked seed weight of 3 kg/ha (assuming some chaff and impurities in the seed lots)
<i>Bothriochloa bladhii</i>	Forest Bluegrass	
<i>Heteropogon contortus</i>	Black Speargrass	
<i>Dicanthium sericeum</i>	Queensland Bluegrass	
<i>Bothriochloa ewartiana</i>	Desert Bluegrass	
<i>Digitaria brownii</i>	Cotton panic grass	
<i>Panicum decompositum</i>	Native Millet	
<i>Capillipedium spicigerum</i>	Scented top	

Attachment 3 – Erosion classification framework

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

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

Note: * Transect linear 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)

Attachment 4 – PRCP Benchmarks for Rehabilitation Areas

Rehabilitated Regional Ecosystem (RE) 11.5.3 *Eucalyptus* woodland.

BioCondition Assessable Attributes	Attribute Weighting	BioCondition benchmark	Indicative ² measure at c. 5yrs	BioCondition Score	Indicative ² measure at c.15-20 yrs	BioCondition Score
Recruitment	5	100%	0	0	≥20% of canopy species	3
Non-native plant cover (%)	10	0%	<25%	5	<25%	5
Native ¹ tree species richness	5	6	≥2 (≥25% of benchmark)	2.5	≥5 (≥90% of benchmark)	5
Native ¹ shrub species richness	5	6	≥2 (≥25% of benchmark)	2.5	≥2 (≥25% of benchmark)	2.5
Native ¹ grass species richness	5	6	≥2 (≥25% of benchmark)	2.5	≥2 (≥25% of benchmark)	2.5
Native ¹ forb / other species richness	5	10	≥3 (≥25% of benchmark)	2.5	≥3 (≥25% of benchmark)	2.5
Tree canopy height (m)	5	16	0	0	≥ 4m (≥ 25% of benchmark)	3
Tree canopy cover (%)	5	20	≥2% (≥10% of benchmark)	2	10-40% (≥50% and ≤200% of benchmark)	5
Shrub canopy cover (%)	5	3	≥ 0.3 (≥10% of benchmark)	3	1.5 – 6% (≥50% and ≤200% of benchmark)	5
Native perennial grass (%)	5	19	≥9.5 – 17% (≥50 – 90% of benchmark)	3	≥9.5 – 17% (≥50 – 90% of benchmark)	3
Litter ground cover (%)	5	20	0	0	2 – 10% or >40% (≥10 - ≤50% or >200% of benchmark)	3
Total BioCondition Assessable Score	60			>20 (Total above = 23)		>35 (Total above = 39.5)

Notes:

¹ Native species occurring naturally in a site identified by an AQP as a target Regional Ecosystem and/or listed in a target Regional Ecosystem technical description.² Indicative minimum scores - a site's BioCondition score can be comprised of different attribute scores but must meet or exceed the minimum total (modified) BC assessable score for the relevant milestone.

Rehabilitated RE11.3.25 *Eucalyptus tereticornis* or *E. camaldulensis* woodland to open forest.

BioCondition Assessable Attributes	BioCondition Assessable Attribute Weighting	BioCondition benchmark	Indicative ¹ measure at c. 5yrs	BioCondition Score	Indicative ¹ measure at c.15-20 yrs	BioCondition Score
Recruitment	5	100%	0	0	20%	3
Non-native plant cover (%)	10	0%	<25%	5	<25%	5
Tree species richness	5	4	≥1	2.5	≥4	5
Native shrub species richness	5	4	≥1	2.5	≥1	2.5
Native grass species richness	5	8	≥2	2.5	≥2	2.5
Native forb other species richness	5	13	≥3	2.5	≥3	2.5
Tree canopy height (m)	5	23	0	0	≥6.0m	3
Tree canopy cover (%)	5	34	≥3.4%	2	≥17%	5
Shrub canopy cover (%)	5	7	≥1%	3	≥3.5%	3
Native perennial grass (%)	5	35	≥18%	3	≥18%	3
Litter ground cover (%)	5	21	0	0	≥2%	3
Total BioCondition Assessable Score	60			>20 Total above = 23		>35 Total above = 37.5

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

Rehabilitated RE11.10.12 *Eucalyptus populnea* woodland

BioCondition Assessable Attributes	Assessable Attribute Weighting	BioCondition benchmark	Indicative ¹ measure at c. 5yrs	BioCondition Score	Indicative ¹ measure at c.15-20 yrs	BioCondition Score
Recruitment	5	100%	0	0	≥20%	3
Non-native plant cover (%)	10	0	<25%	5	<25%	5
Tree species richness	5	4	≥1	2.5	≥3	5
Native shrub species richness	5	6	≥1	2.5	≥1	2.5
Native grass species richness	5	15	≥3	2.5	≥3	2.5
Native forb other species richness	5	15	≥3	2.5	≥3	2.5
Tree canopy height (m)	5	16m	0	0	≥4m	3
Tree canopy cover (%)	5	23%	≥2.3%	2	≥11.5%	5
Shrub canopy cover (%)	5	13%	≥1.3%	3	≥6.5%	3
Native perennial grass (%)	5	34%	≥17%	3	≥17%	3
Litter ground cover (%)	5	17%	0	0	≥8.5%	3
Total BioCondition Assessable Score	60			>20 Total above = 23		>35 Total above = 37.5

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

Attachment 5 – Surface water monitoring locations

Monitoring Locations	Receiving waters location description	Latitude (GDA2020)	Longitude (GDA2020)
Upstream monitoring locations			
Oaky Ck U/S	Upstream, Oaky Creek	-23.07014	148.74208
Downstream monitoring locations			
Oaky Ck D/S	Downstream, Oaky Creek	-23.0515	148.77383



Figure 3 – Surface water monitoring locations

Attachment 6 – Surface water quality limits

Quality characteristic (units)	Limit	Comment on limit
pH	6.5-8.5	Mackenzie River sub-basin WQO
Electrical Conductivity (µS/cm)	670	80th percentile of historical reference site water quality data
Turbidity (NTU)	50	Mackenzie River sub-basin WQO
Sulphate (mg/L)	79	80th percentile of historical reference site water quality data
Fluoride (mg/L)	0.2	Site-specific
Aluminium - dissolved (µg/L)	55	ANZG 2018
Arsenic - dissolved (µg/L)	13	ANZG 2018
Boron - dissolved (µg/L)	40	Site-specific
Chromium - dissolved (µg/L)	1.0	ANZG 2018
Cobalt - dissolved (µg/L)	1.4	ANZG 2018
Copper - dissolved (µg/L)	3.0	Site-specific
Manganese - dissolved (µg/L)	1,000	Site-specific
Molybdenum - dissolved (µg/L)	34	ANZG 2018
Nickel - dissolved (µg/L)	11	ANZG 2018
Zinc - dissolved (µg/L)	8.0	ANZG 2018
Total recoverable hydrocarbons (C6-C9) (µg/L)	20	
Total recoverable hydrocarbons (C10-C36) (µg/L)	100	
Major ions (mg/L) 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).

Attachment 7 – Groundwater monitoring bores

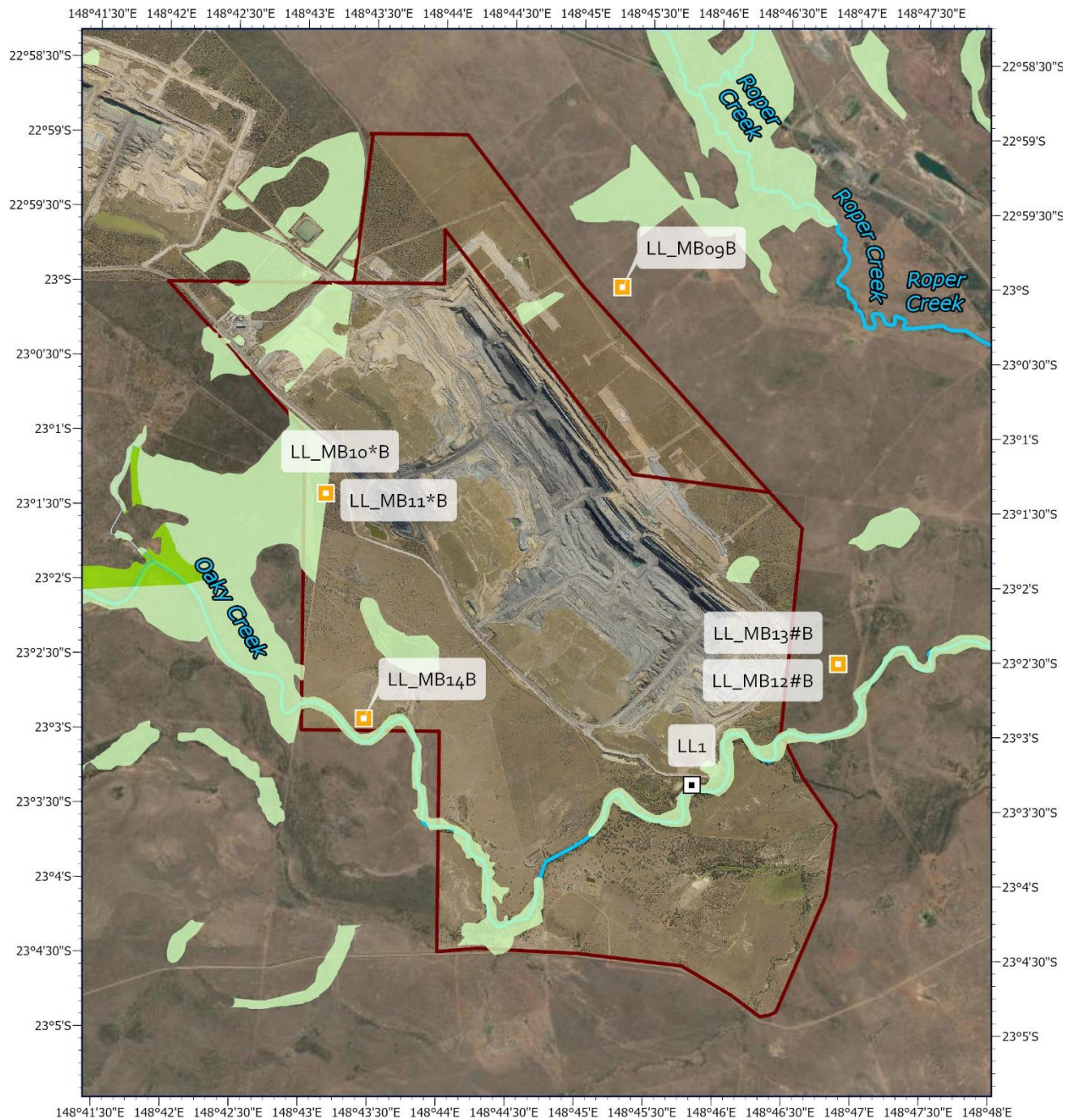
Monitoring Bore ID	Hydrogeological Unit	Location	
		Latitude (GDA2020)	Longitude (GDA2020)
LL1	Alluvium ^A	-23.0541	148.7650
LL_MB09 ^B	Tertiary Sediments / Base of Weathering	-22.9986	148.7559
LL_MB10 ^{*B}	Tertiary Sediments / Base of Weathering	-23.0220	148.72041
LL_MB12 ^{#B}	Alluvium	-23.0404	148.78253
LL_MB13 ^{#B}	Tertiary Sediments / Base of Weathering	-23.0404	148.7825
LL_MB14 ^B	Tertiary Sediments / Base of Weathering	-23.0471	148.7253

Notes:

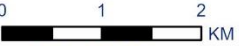
^A Bore log from QLD Globe indicates bore is screened in sandstone and siltstone with carbon^B Bores have approximate locations, coordinates to be confirmed with field verification and following landholder negotiations.

* Bore Pair Location

Bore pair Location



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Title: Groundwater Monitoring Locations Date: 9/07/2026 Drawing Version: 1 Status: Draft	Author: CAP Environment Team Spatial Reference: Name: AGD 1984 AMG Zone 55 Disclaimer Anglo American does not accept and disclaims any and all liability or responsibility arising from any use or reliance on this drawing. This drawing is confidential and all intellectual property rights embodied or referenced in this drawing remain the property of Anglo American.



Scale: 1:63,159



N

Earthstar Geographics, © State of Queensland (Department of Natural Resources, Mines and Energy) 2019

Legend

-  Monitoring Bores
-  Proposed Monitoring Bores
-  Derived GDE - moderate confidence
-  Derived GDE - low confidence
-  81-100% Derived GDE - moderate confidence
-  81-100% Derived GDE - low confidence
-  01-80% Derived GDE - moderate confidence
-  01-80% Derived GDE - low confidence
-  Watercourse [defined by Water Act 2000]
-  Mining Lease

Figure 4 – Groundwater monitoring locations

Attachment 8 – Groundwater quality limits

Quality characteristic (units)	Monitoring Bore	Limit	Source
pH (pH units)	All bores	6-9	
Electrical Conductivity (µS/cm)	Lake Lindsay Bore (Alluvium)	13,400	95 th Percentile of bore data
Electrical Conductivity (µS/cm)	MB1, MB2, MB4, MB5 (Late Permian)	31,240	95 th Percentile of bore data
Electrical Conductivity (µS/cm)	MB3 and MB6 (Tertiary)	33,825	95 th Percentile of bore data
Sulfate (mg/L)	Lake Lindsay Bore (Alluvium)	825	95 th Percentile of bore data
Sulfate (mg/L)	MB1, MB2, MB4, MB5 (Late Permian)	153	95 th Percentile of bore data
Sulfate (mg/L)	MB3 and MB6 (Tertiary)	1,106	95 th Percentile of bore data
Fluoride (mg/L)	All bores	0.6	Site-specific
Aluminium - dissolved (µg/L)	All bores, except MB1	55	ANZG 2018
Aluminium - dissolved (µg/L)	MB1	83	95 th Percentile of MB1 data
Arsenic - dissolved (µg/L)	All bores	13	ANZG 2018
Boron - dissolved (µg/L)	Lake Lindsay Bore (Alluvium)	700	95 th Percentile of all bore data
Boron - dissolved (µg/L)	MB1 and MB2	900	95 th Percentile of all bore data
Boron - dissolved (µg/L)	MB4 and MB5	300	95 th Percentile of all bore data
Boron - dissolved (µg/L)	MB3	2,270	95 th Percentile of all bore data
Boron - dissolved (µg/L)	MB6	3,000	95 th Percentile of all bore data
Chromium - dissolved (µg/L)	All bores, except MB1 and MB5	1	ANZG 2018
Chromium - dissolved (µg/L)	MB1 and MB5	20	95 th Percentile of MB1 and MB5 data
Cobalt - dissolved (µg/L)	All bores, except MB3 and MB6	1	ANZG 2018
Cobalt - dissolved (µg/L)	MB3 and MB6	6	95 th Percentile of MB3 and MB6 data
Copper – dissolved (µg/L)	All bores	10	95 th Percentile of all bore data
Manganese - dissolved (µg/L)	All bores	1,900	ANZG 2018
Molybdenum - dissolved (µg/L)	All bores, except MB1	34	ANZG 2018
Molybdenum - dissolved (µg/L)	MB1	225	95 th Percentile of MB1 data
Nickel - dissolved (µg/L)	All bores, except MB3	11	ANZG 2018
Nickel - dissolved (µg/L)	MB3	25	95 th Percentile of MB3 data
Zinc - dissolved (µg/L)	All bores, except MB3	130	95 th Percentile of all bore data
Zinc - dissolved (µg/L)	MB3	520	95 th Percentile of MB3 data
Major ions (mg/L) - calcium, chloride, potassium, magnesium, sodium, bicarbonate, carbonate	All bores	For interpretation purposes	
Hardness (mg/L)			

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).

Attachment 9 – Rehabilitation Reference Sites

Site	Latitude (GDA2020)	Longitude (GDA2020)	RA	Comments
Bush_05b	-22.935199	148.613769	RA1, RA3	Reference sites subject to review as per condition PRCP14
RW_03	-22.958608	148.650724	RA1, RA3	
RW_02	-22.921937	148.659585	RA1, RA3	
Bush_06	-23.011397	148.709504	RA1, RA3	
Past_01	-23.047313	148.736144	RA2, RA4	
Past_02	-23.071869	148.757163	RA2, RA4	
Bush_05	-22.910501	148.617644	RA1, RA3	
Bush_03	-22.96729	148.631382	RA1, RA3	
RW_01	-23.009258	148.619665	RA1, RA3	
Bush_01	-22.976601	148.568063	RA1, RA3	
Bush_02	-22.892635	148.55914	RA1, RA3	
Bush_04	-22.889978	148.66011	RA1, RA3	
Past_04	-23.043985	148.742946	RA2, RA4	

END OF PRCP SCHEDULE