PRCP schedule

Environmental Protection Act 1994

PRCP schedule P-PRCP-100735422

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-100735422

PRCP schedule holder(s)

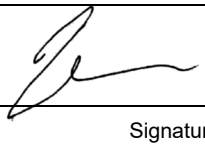
Name(s)	Registered address
Terrequip Environmental Pty Ltd	Suite 10A/19 Lang Parade MILTON QLD 4064

Location details

Location(s)
Mining lease (ML) 50083, ML50146, ML50236, ML50237, ML50238, ML50239

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

29/04/2026

Date

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

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

Queensland Government

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

There are no conditions beyond those contained in section 206A of the *Environmental Protection Act 1994* that apply to this PRCP schedule.

General conditions

PRCP1 For each rehabilitation area the holder must achieve the rehabilitation milestone criteria (milestone reference):

(a) for the cumulative area available specified in this schedule; and

(b) by the milestone completion date specified in this schedule.

PRCP2 Where land becomes ‘available for rehabilitation’ earlier than the date nominated in this schedule, the holder must:

(a) notify the administering authority in writing within 30 days of the land becoming ‘available for rehabilitation’; and

(b) Unless otherwise agreed to by the administering authority in writing, within 90 business 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.

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

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

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

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

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

PRCP6 The holder must carry out monitoring in accordance with:

(a) the monitoring and maintenance program described in the rehabilitation planning part for the activity version 2; 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.

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

(a) Achievement and maintenance of achievement 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.

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

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

PRCP10 The holder must progressively assess and report on PRCP monitoring data to demonstrate that surface water quality will achieve the water quality criteria of this schedule.

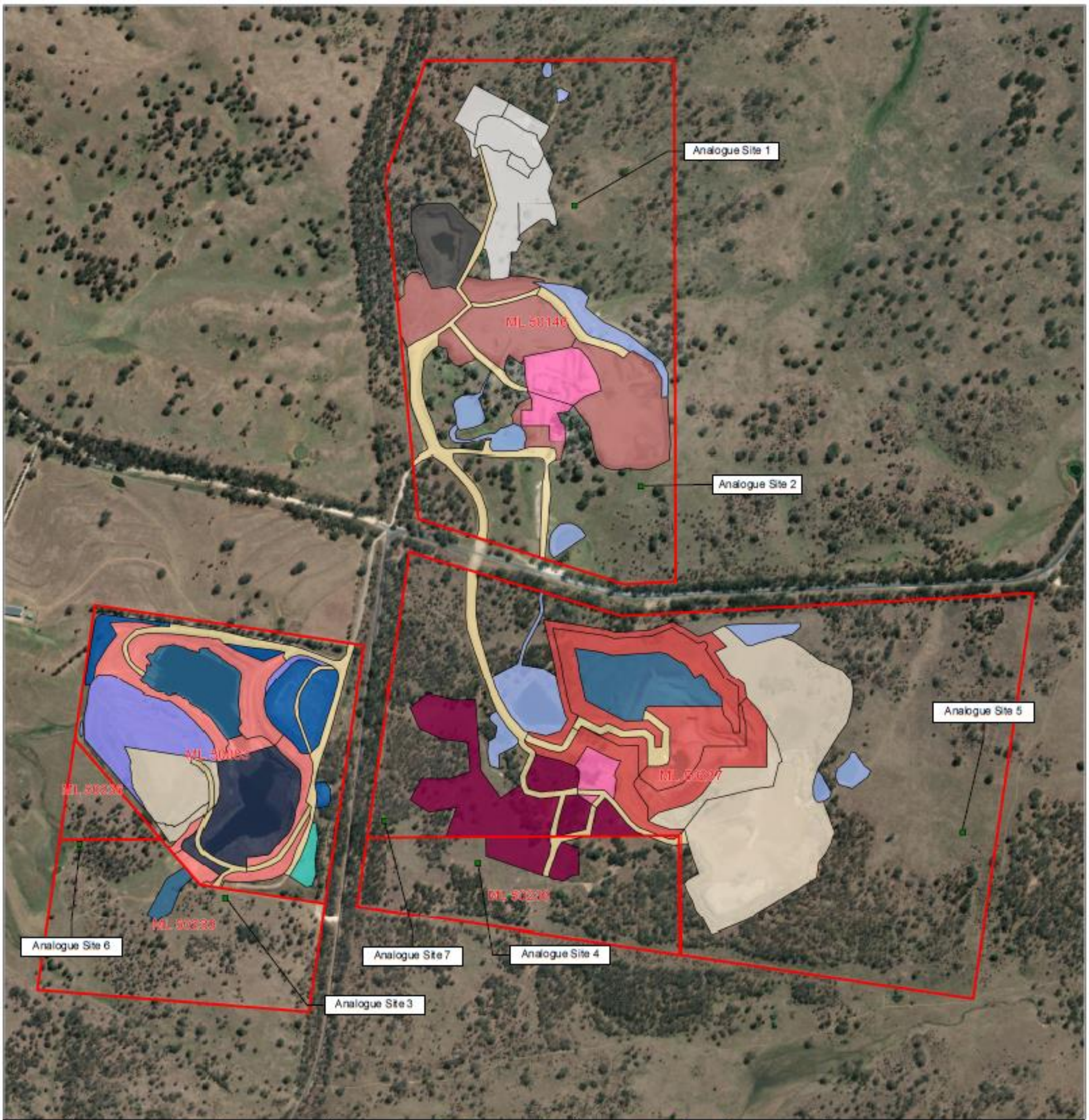
PRCP11 All AQP designs, specifications, certifications, assessments and any similar documents, must include documented consideration of any relevant guideline or publication material, including material published by the administering authority. The AQP designs, specifications, certifications, assessments and any similar documents must detail the boundary conditions utilised. The documents must also contain sufficient detail to allow for independent peer review and substantiation.

Section B - Definitions

Appropriately qualified person (AQP)	means a person who has professional qualifications, training, skills and experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis on performance relative to the subject matter using the relevant protocols, standards, methods or literature.
Activity (EP Regulation)	includes that part, if any, of an activity relating to the following— (a) preparing a place for the activity before carrying out the activity; (b) rehabilitating a place after it has been used for carrying out the activity.
BioCondition	refers to the *BioCondition Assessment Manual* (Eyre, T.J., Kelly, A.L, Neldner, V.J., Wilson, B.A., Ferguson, D.J., Laidlaw, M.J. and Franks, A.J. (2015)) and *BioCondition: A Condition Assessment Framework for Terrestrial Biodiversity in Queensland. Assessment Manual. Version 2.2* (Queensland Herbarium, Department of Science, Information Technology, Innovation and Arts, Brisbane).
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.
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
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.
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.
Stable condition	see section 111A of the *Environmental Protection Act 1994*.
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.

END OF CONDITIONS

Section C - Final site design and reference maps



Analogue Site	Corner 1				Corner 2				Corner 3				Corner 4			
	Easting	Northing	Latitude	Longitude	Easting	Northing	Latitude	Longitude	Easting	Northing	Latitude	Longitude	Easting	Northing	Latitude	Longitude
1	413,368	6,859,562	-28.3874	152.1157	413,378	6,859,562	-28.3874	152.1158	413,378	6,859,552	-28.3875	152.1158	413,368	6,859,552	-28.3875	152.1157
2	413,496	6,859,024	-28.3923	152.1170	413,506	6,859,024	-28.3923	152.1171	413,506	6,859,014	-28.3924	152.1171	413,496	6,859,014	-28.3924	152.1170
3	412,693	6,858,231	-28.3994	152.1088	412,703	6,858,231	-28.3994	152.1089	412,703	6,858,221	-28.3995	152.1089	412,693	6,858,221	-28.3995	152.1088
4	413,182	6,858,298	-28.3988	152.1137	413,192	6,858,298	-28.3988	152.1138	413,192	6,858,288	-28.3989	152.1138	413,182	6,858,288	-28.3989	152.1137
5	414,115	6,858,357	-28.3983	152.1233	414,125	6,858,357	-28.3983	152.1234	414,125	6,858,347	-28.3984	152.1234	414,115	6,858,347	-28.3984	152.1233
6	412,414	6,858,335	-28.3984	152.1059	412,424	6,858,335	-28.3984	152.1060	412,424	6,858,325	-28.3985	152.1060	412,414	6,858,325	-28.3985	152.1059
7	413,001	6,858,379	-28.3981	152.1119	413,011	6,858,379	-28.3981	152.1120	413,011	6,858,369	-28.3982	152.1120	413,001	6,858,369	-28.3982	152.1119

AUSROCKS RESOURCE CONSULTANTS

0 m 150 m 300 m 450 m

N

Ausrocks Pty Ltd

PO Box 359
Virginia BC
QLD 4014

(07) 3161 4108
www.ausrocks.com.au
64 056 939 014

Title Terrequip Warwick Limestone Mine
Rehabilitation Areas, Improvement Areas & Analogue Sites

Project No. AUQ00238A

Drawing No. WLM012

Scale 1:7,500 (A3)

Datum GDA2020

Date 25/03/2026

Drawn NV

Checked CM

Status V2.0

Legend

Analogue Site
IA1
IA2
Mining Lease Boundary
RA1
RA10
RA11
RA12
RA13
RA2
RA3
RA4
RA5
RA6
RA7
RA8
RA9

Figure 1: Rehabilitation Areas

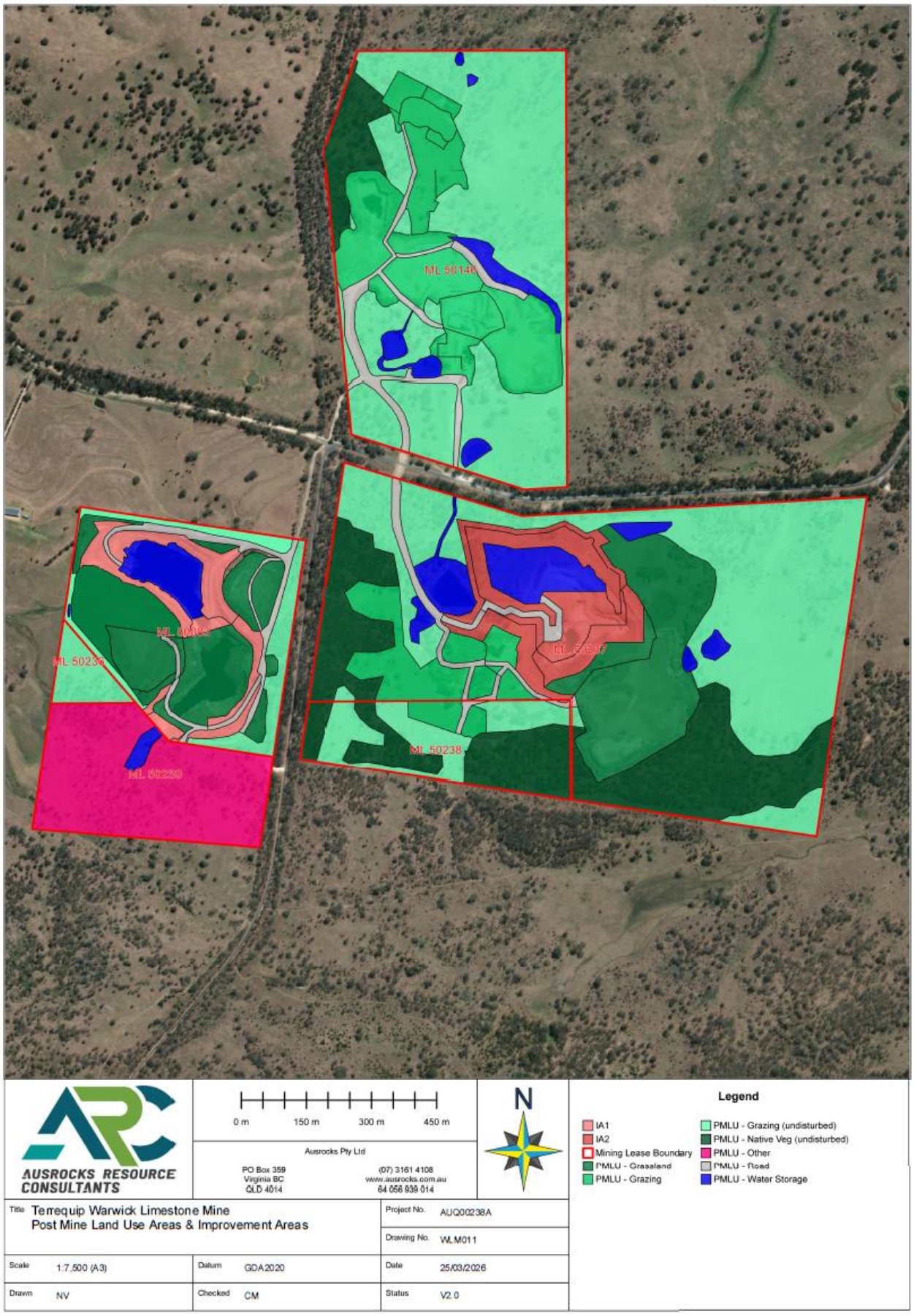


Figure 2: Final Site Design

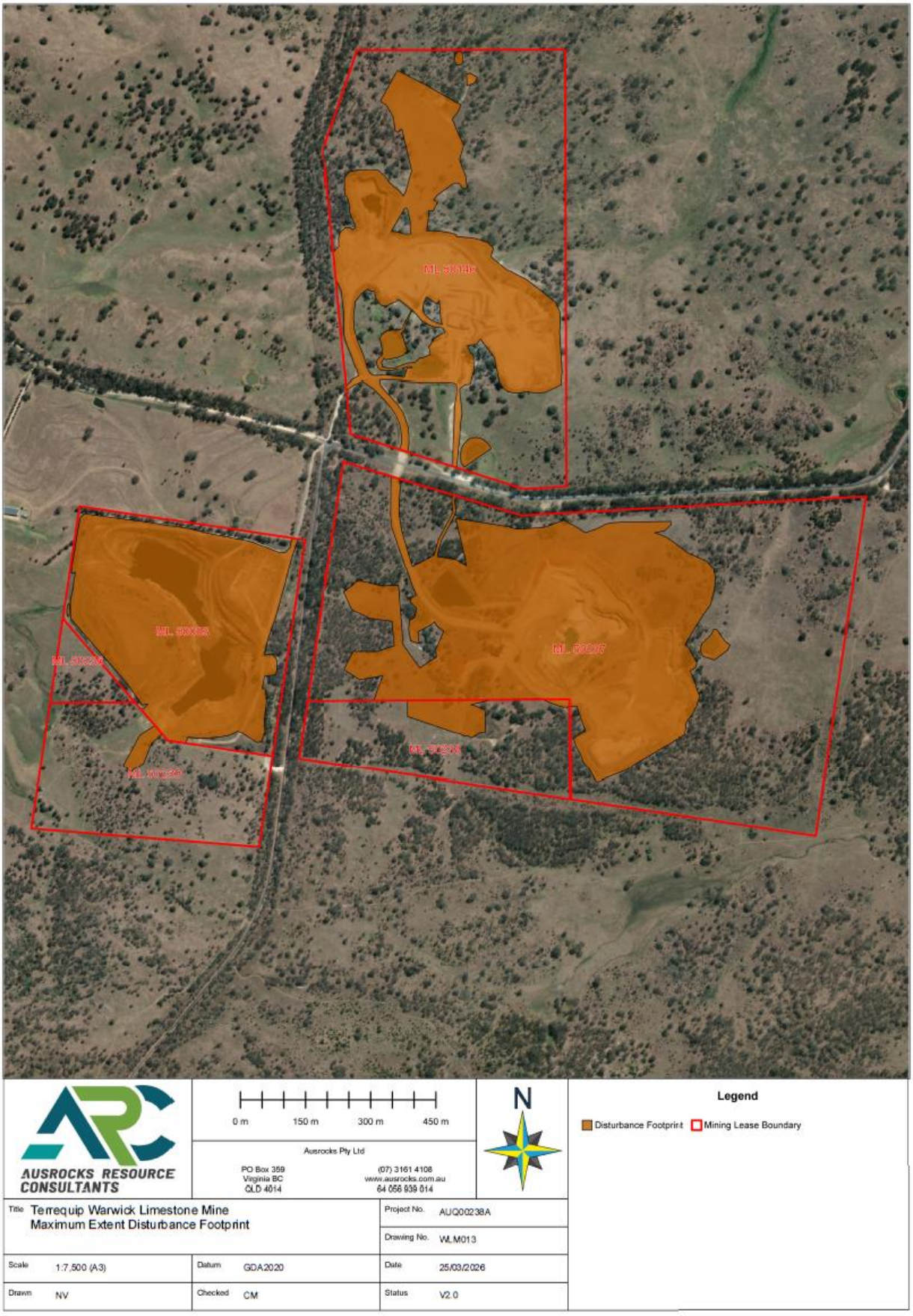


Figure 3: Maximum Area of Disturbance

Section D – Post mining land uses

Milestone reference	Rehabilitation milestone	Rehabilitation area												
		RA1	RA2	RA3	RA4	RA5	RA6	RA7	RA8	RA9	RA10	RA11	RA12	RA13
PMLU		Grazing	Grazing	Grazing	Grassland	Road	Water storage	Grassland	Water Storage	Grazing	Grazing	Grassland	Grassland	Grassland
RM1	Infrastructure decommissioning and removal													
RM2	Landform development and reshaping													
RM3	Surface preparation													
RM4	Revegetation (Grazing / Water Storage catchment area)													
RM5	Establishment of Grazing and Grassland PMLUs surface conditions													
RM6	Establishment of Water Storage PMLU surface conditions													
RM7	Establishment of geotechnically stable surface conditions (i.e. water storage,													

	residual voids, backfilled pits)													
RM8	Achievement of Grazing PMLU to a stable condition – Without water quality													
RM9	Achievement of Water Storage PMLU to a stable condition – Without water quality													
RM10	Achievement of Grassland PMLU to a stable condition – Without water quality													
RM11	Achievement of water quality – Water quality only													
RM12	Landholder is informed of and acknowledges ongoing management													
RM13	Achievement of retained infrastructure PMLU to stable condition													

(RA1) Rehabilitation area 1

Post-mining land uses (PMLU)			
Rehabilitation area	RA1		
Relevant activities	Infrastructure		
Total rehabilitation area size (ha)	2.4		
Commencement of first milestone: RM1	10/12/2046		
PMLU	Grazing		
Date area is available	10/12/2046	10/12/2051	10/12/2081
Cumulative area available (ha)	2.4	2.4	2.4
Milestone completed by	10/12/2051	10/12/2056	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**		
RM1	2.4		
RM2	2.4		
RM3	2.4		
RM4	2.4		
RM5	2.4		
RM8		2.4	
RM11			2.4

(RA2) Rehabilitation area 2

Post-mining land uses (PMLU)			
Rehabilitation area	RA2		
Relevant activities	Topsoil Stockpiles		
Total rehabilitation area size (ha)	5.7		
Commencement of first milestone: RM2	10/12/2046		
PMLU	Grazing		
Date area is available	10/12/2046	10/12/2051	10/12/2081
Cumulative area available (ha)	5.7	5.7	5.7
Milestone completed by	10/12/2051	10/12/2056	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**		
RM2	5.7		
RM3	5.7		
RM4	5.7		
RM5	5.7		
RM8		5.7	
RM11			5.7

(RA3) Rehabilitation area 3

Post-mining land uses (PMLU)			
Rehabilitation area	RA3		
Relevant activities	ROM, Laydown areas and Product Stockpiles		
Total rehabilitation area size (ha)	7.6		
Commencement of first milestone: RM1	10/12/2046		
PMLU	Grazing		
Date area is available	10/12/2046	10/12/2052	10/12/2057
Cumulative area available (ha)	7.6	7.6	7.6
Milestone completed by	10/12/2052	10/12/2057	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**		
RM1	7.6		
RM2	7.6		
RM3	7.6		
RM4	7.6		
RM5	7.6		
RM8		7.6	
RM11			7.6

(RA4) Rehabilitation area 4

Post-mining land uses (PMLU)						
Rehabilitation area	RA4					
Relevant activities	Waste and Overburden Dumps					
Total rehabilitation area size (ha)	13.2					
Commencement of first milestone: RM2	10/12/2040					
PMLU	Grassland					
Date area is available	10/12/2040	10/12/2046	10/12/2051	10/12/2056	10/12/2061	10/12/2081
Cumulative area available (ha)	11.2	13.2	13.2	13.2	13.2	13.2
Milestone completed by	10/12/2046	10/12/2051	10/12/2056	10/12/2061	10/12/2066	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**					
RM2	11.2	13.2				
RM3		11.2	13.2			
RM5			11.2	13.2		
RM10				11.2	13.2	
RM11						13.2

(RA5) Rehabilitation area 5

Post-mining land uses (PMLU)			
Rehabilitation area	RA5		
Relevant activities	Roads		
Total rehabilitation area size (ha)	7.1		
Commencement of first milestone: RM2	10/12/2046		
PMLU	Road		
Date area is available	10/12/2046	10/12/2052	10/12/2081
Cumulative area available (ha)	2.3	7.1	7.1
Milestone completed by	10/12/2052	10/12/2057	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**		
RM2	2.3	7.1	
RM12			7.1
RM13			7.1

(RA6) Rehabilitation area 6

Post-mining land uses (PMLU)				
Rehabilitation area	RA6			
Relevant activities	Sediment Dams and Stormwater Controls			
Total rehabilitation area size (ha)	4.7			
Commencement of first milestone: RM2	10/12/2026			
PMLU	Water Storage			
Date area is available	10/12/2026	10/12/2061	10/12/2066	10/12/2081
Cumulative area available (ha)	0.1	4.7	4.7	4.7
Milestone completed by	10/12/2031	10/12/2066	10/12/2071	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**			
RM2	0.1	4.7		
RM6	0.1	4.7		
RM9		2.7	4.7	
RM11				4.7
RM12				4.7

(RA7) Rehabilitation area 7

Post-mining land uses (PMLU)			
Rehabilitation area	RA7		
Relevant activities	Eastern Open Pit		
Total rehabilitation area size (ha)	3.3		
Commencement of first milestone: RM2	10/12/2052		
PMLU	Grassland		
Date area is available	10/12/2052	10/12/2060	10/12/2081
Cumulative area available (ha)	3.3	3.3	3.3
Milestone completed by	10/12/2060	10/12/2065	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**		
RM2	3.3		
RM3	3.3		
RM4	3.3		
RM7		3.3	
RM10		3.3	
RM11			3.3

(RA8) Rehabilitation area 8

Post-mining land uses (PMLU)					
Rehabilitation area	RA8				
Relevant activities	Main Pit Voids (East Pit; West Pit; Phoenix Pit)				
Total rehabilitation area size (ha)	4.9				
Commencement of first milestone: RM2	10/12/2061				
PMLU	Water Storage				
Date area is available	10/12/2061	10/12/2066	10/12/2071	10/12/2074	10/12/2081
Cumulative area available (ha)	2.6	4.9	4.9	4.9	4.9
Milestone completed by	10/12/2066	10/12/2071	10/12/2074	10/12/2079	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**				
RM2	2.6	4.9			
RM3	2.6	4.9			
RM4	2.6	4.9			
RM6		2.6	4.9		
RM7		2.6	4.9		
RM9			2.6	4.9	
RM11					4.9
RM12					4.9

(RA9) Rehabilitation area 9

Post-mining land uses (PMLU)					
Rehabilitation area	RA9				
Relevant activities	Main Pit Voids (Aspinal Pit)				
Total rehabilitation area size (ha)	1.6				
Commencement of first milestone: RM2	10/12/2026				
PMLU	Grazing				
Date area is available	10/12/2026	10/12/2046	10/12/2047	10/12/2052	10/12/2081
Cumulative area available (ha)	1.6	1.6	1.6	1.6	1.6
Milestone completed by	10/12/2046	10/12/2047	10/12/2052	10/12/2058	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**				
RM2	1.6				
RM3	1.6				
RM4		1.6			
RM5			1.6		
RM7			1.6		
RM8				1.6	
RM11					1.6
RM12					1.6

(RA10) Rehabilitation area 10

Post-mining land uses (PMLU)			
Rehabilitation area	RA10		
Relevant activities	Existing Rehabilitation		
Total rehabilitation area size (ha)	3.8		
Commencement of first milestone: RM2	10/12/2026		
PMLU	Grazing		
Date area is available	10/12/2026	10/12/2034	10/12/2081
Cumulative area available (ha)	3.8	3.8	3.8
Milestone completed by	10/12/2034	10/12/2039	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**		
RM2	3.8		
RM3	3.8		
RM4	3.8		
RM5	3.8		
RM8		3.8	
RM11			3.8

(RA11) Rehabilitation area 11

Post-mining land uses (PMLU)				
Rehabilitation area	RA11			
Relevant activities	East West Pit ROM and Laydown Areas			
Total rehabilitation area size (ha)	2.4			
Commencement of first milestone: RM2	10/12/2046			
PMLU	Grassland			
Date area is available	10/12/2046	10/12/2050	10/12/2055	10/12/2081
Cumulative area available (ha)	2.4	2.4	2.4	2.4
Milestone completed by	10/12/2050	10/12/2055	10/12/2060	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**			
RM2	2.4			
RM3	2.4			
RM4	2.4			
RM5		2.4		
RM7		2.4		
RM10			2.4	
RM11				2.4
RM12				2.4

(RA12) Rehabilitation Area 12

Post-mining land uses (PMLU)				
Rehabilitation area	RA12			
Relevant activities	Topsoil			
Total rehabilitation area size (ha)	0.3			
Commencement of first milestone: RM2	10/12/2066			
PMLU	Grassland			
Date area is available	10/12/2066	10/12/2071	10/12/2076	10/12/2081
Cumulative area available (ha)	0.3	0.3	0.3	0.3
Milestone completed by	10/12/2071	10/12/2076	10/12/2081	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**			
RM2	0.3			
RM3	0.3			
RM4	0.3			
RM5		0.3		
RM10			0.3	
RM11				0.3

(RA13) Rehabilitation Area 13

Rehabilitation area	RA13		
Relevant activities	East-West Overburden Dump/ROM Pad		
Total rehabilitation area size (ha)	3.1		
Commencement of first milestone: RM2	10/12/2060		
PMLU	Grassland		
Date area is available	10/12/2060	10/12/2062	10/12/2081
Cumulative area available (ha)	3.1	3.1	3.1
Milestone completed by	10/12/2062	10/12/2067	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**		
RM2	3.1		
RM3	3.1		
RM4	3.1		
RM5	3.1		
RM7	3.1		
RM10		3.1	
RM11			3.1

Rehabilitation area milestones

Milestone reference	Rehabilitation milestone	Milestone criteria
RM1	Infrastructure decommissioning and removal	a) All services disconnected, terminated and removed. b) All built and service infrastructure demolished and removed (except where agreed in writing by the post-mining landholder) c) All concrete, bitumen, aggregate and roads removed (where not owned by or required post-mining by the landholder). d) All fencing and associated foundations, other than those required for stock and land management purposes has been removed. e) All waste not authorised to be disposed of on-site under Environmental Authority EPML00136213 is removed. f) All water within mine storages and sediment basins removed (except where agreed in writing by the post-mining landholder). g) A contaminated land investigation assessment to be 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 is prepared. h) A declaration from a SQP that no contamination unsuitable for the PMLU remains or is occurring. i) An independent AQP has certified the achievement of RM1a) to RM1h).
RM2	Landform development and reshaping	a) An AQP certifies that the material used in backfilling East pit is suitable for achieving safe stable landform. b) All bulk earthworks and landform reshaping/reprofiling works are completed in accordance with the design specification provided by an AQP. c) Pit voids requiring backfill completed to final landform designs with fully co-mingled and mixed material (ore, waste rock, overburden): *i)* Pit ≤35º batters; and *ii)* Waste dumps 3-5º crowns and ≤25º batters. d) Pit voids intended as water storage re-shaped to final landform designs. e) Landform is reshaped to be free-draining and blend in with surrounding topography slopes. f) Abandonment bunds placed around pits and dumps per geotechnical[1] specifications.

		i) Material sourced from unweathered, durable limestones from the waste rock dump; *ii)* Nominal minimum height ~2m with base width ~5-6m; and *iii)* Leave 0.5m wide gaps at the toes of bunds at contour lows in areas where water has obviously been flowing. g) Erosion and sediment controls installed to AQP design specifications (if applicable). h) All waste, rubbish and mobile equipment and machinery not required for rehabilitation works removed from site. i) Roads required post-mining will be appropriately graded and compacted to provide a stable, all-weather running surface suitable for light vehicle access. j) An independent AQP has certified the achievement of RM2a) to RM2i).
RM3	Surface preparation	a) Assessment of growth media characteristics and the development of an amelioration and physical treatment plan is completed by an AQP. b) Topsoil is placed an average thickness of not less than 150mm in areas where topsoil has previously been removed. c) Where the growth media health and suitability assessment identify a deficiency, a recommendation is made for ameliorants to ensure sodicity, salinity, pH and fertility levels are suitable to achieve the relevant PMLU. d) Ameliorant and physical treatments such as fertiliser, lime, gypsum and/or organic matter are applied as identified in criteria RM3a). e) Rip across contour ≥300mm. f) Following amelioration as per criteria RM3 a), representative soil testing of growth media confirms: *i)* pH in the range of 6 - 8.5; *ii)* Electrical Conductivity (saturated extract) (dS/m) ≤2 (2,000 µS/cm); *iii)* Exchangeable sodium percentage (ESP) (%) < 6; *iv)* Emerson aggregate class: ≥4. g) Growth media health and suitability is assessed and documented by an AQP as suitable for the PMLU and target vegetation establishment. h) Independent AQP has certified the achievement of RM3a) to RM3h).

RM4	Revegetation (Grazing /Grasslands / Water Storage catchment area)	a) Completed seeding in accordance with recommended pasture species mix (grasses, cover crops and legumes) and seeding rates described in Appendix 1 Table 5. b) Seed spread and raked (≤1cm depth). c) Independent AQP has certified the achievement of RM4a) and RM4b).
RM5	Establishment of Grazing and Grassland PMLUs surface conditions	a) Species used in revegetation remain present and show evidence of natural recruitment. Evidence of flora recruitment from rehabilitation monitoring data. b) Vegetation groundcover ≥75% and/or is comparative to analogue site as per Appendix 1 Table 2. c) Cover crops and pasture species are established. d) Bare ground cover does not exceed 200% of the comparable analogue site level, as assessed by transect-based ground cover monitoring: e) No evidence of erosion classified as 'moderate' or 'severe' as defined by the 'Erosion Classification Network Appendix 1 Table 1. f) Any erosion present will not compromise the achievement of a PMLU to a stable condition. g) Erosion requiring intervention has been remediated and does not impact achieving the PMLU. h) Persistent weed[2] cover ≤10% above weed cover in analogue site (Appendix 1 Table 2). i) Weed[2] presence is a less than 5% of total vegetative cover. j) Weeds[2] are being appropriately managed. k) Absence of ecosystem altering weeds[2]. l) Carrying capacity is ≥75% of carrying capacity in an analogue site for grazing PMLU as defined by Appendix 1 Table 2. m) Surface water runoff has been collected across representative areas of rehabilitation when surface flows occur and it is safe to do so. n) Surface water quality results monitored monthly during flow at, but not limited to, downstream locations specified in Table 3, are on trajectory to achieving the following: *i)* pH – 7.0-8.0 *ii)* Electrical Conductivity – 280 µS/cm *iii)* Turbidity – 50 NTU o) The growth media (topsoil and subsoil) physical, chemical and biological properties does not limit vegetation cover performance or restrict the potential effective depth of rooting.

		p) A BioCondition assessment is completed by an AQP using the methodology outlined in the latest version of the Queensland Herbarium's 'BioCondition Assessment Manual'. q) The outcomes from the BioCondition assessment completed under RM5p) are comparable to the BioCondition benchmarks derived by an AQP from the reference sites specified in Appendix 1 Table 2 for grazing PMLU and Appendix 1 table 6 for grasslands PMLU. r) Independent AQP certifies achievement of RM5a) to RM5q).
RM6	Establishment of Water Storage PMLU surface conditions	a) Void crests and walls are monitored by an AQP[2] to ensure long-term stabilities are achieved. b) Vegetation/ground cover within water storage catchment areas are increasing ≥50%;. c) Water quality physico chemical indicators do not exceed trigger values for livestock (beef cattle) drinking water defined in Australian and New Zealand Guidelines for Fresh and Marine Water - Volume 3 Primary Industries (ANZECC and ARMCANZ, 2000). d) All retained water storages to be assessed and approved as safe and stable by an AQP. e) Water storages monitored quarterly are on trajectory to achieving the following: *i)* pH – 7.0-8.0; *ii)* Electrical Conductivity – 280µS/cm; *iii)* Turbidity – 50NTU f) An independent AQP certifies achievement of RM6a) to RM6e)
RM7	Establishment of geotechnically stable surface conditions (i.e. water storage, residual voids, backfilled pits)	a) Assessment of backfilled areas (pits, waste dumps) as geotechnically stable by a SQP, and *i)* No evidence of slumping; *ii)* Final slope status and geometry suitable (pit face slopes <70º); *iii)* Backfill condition and engineering characteristics suitable; and *iv)* Failure mechanisms. b) Assessment of backfilled areas (pits, waste dumps) are in accordance with final landform designs by a SQP. c) Independent AQP certifies achievement of RM7a) and RM7b).
RM8	Achievement of Grazing PMLU to a stable condition – Without water quality	a) AQP assessment confirms safety hazards in rehabilitation area are not significantly different to surrounding unmined landscapes subject to the same land use. b) Rehabilitation is assessed as geotechnically stable, by an AQP, with FoS ≥1.5 (ANCOLD, 2017).

		c) AQP assessment confirms rehabilitated land is erosionally stable with groundcover (vegetative and litter) ≥70%. d) No evidence of erosion classified as 'moderate' or 'severe' as defined by the 'Erosion Classification Network Appendix 1 Table 1. e) Surface water quality results monitored monthly during flow at, but not limited to, downstream locations specified in Appendix 1 **Table 3**, are on trajectory to achieving the following. a. pH – 7.0-8.0; b. Electrical Conductivity – 280µS/cm; c. Turbidity – 50NTU. f) Land suitability for grazing pasture is assessed ≥3 or not different from pre-mining class if ≥4. g) Species used in revegetation remain present and and includes at least 3 desirable perennial pasture species (3P grasses[3]). h) A BioCondition assessment is completed by an AQP using the methodology outlined in the latest version of the Queensland Herbarium's 'BioCondition Assessment Manual'. i) The outcomes from the BioCondition assessment completed under RM8h) are comparable to the BioCondition benchmarks benchmarks derived by an AQP from the reference sites specified in Appendix 1 Table 2. j) Independent AQP certifies achievement of RM8a) toRM8i)
RM9	Achievement of Water Storage PMLU to a stable condition – Without water quality	a) AQP assessment confirms geotechnical stability, with FoS ≥1.5 (ANCOLD, 2017), has been achieved to facilitate safe access by humans and livestock for RA6 only. b) AQP assessment confirms rehabilitated land is erosionally stable with groundcover ≥50%, and 70% of slopes ≤ 20% gradient. c) Water quality physico chemical indicators do not exceed trigger values for livestock (beef cattle) drinking water defined in Australian and New Zealand Guidelines for Fresh and Marine Water - Volume 3 Primary Industries (ANZECC and ARMCANZ, 2000). d) All retained water storages to be assessed and approved as safe and stable by an AQP. e) Water storages monitored quarterly must are on trajectory to achieving the following: a. pH – 7.0-8.0; b. Electrical Conductivity – 280µS/cm; c. Turbidity – 50NTU; f) For RA8, water level must be monitored biannually.

		g) An AQP certifies that residual voids do not impact ground water quality or levels outside of the relevant tenure boundary. h) Vegetation/ground cover ≥50% achieved in areas surrounding the water storage catchment and/or outside abandonment bunds i) Independent AQP certifies achievement of RM9a) to RM9f)
RM10	Achievement of Grassland PMLU to a stable condition – Without water quality	a) AQP assessment of backfilled areas (pits, waste dumps) as geotechnically stable; and *i)* No evidence of slumping; *ii)* Final slope status and geometry suitable *iii)* Backfill condition and engineering characteristics suitable; and *iv)* Failure mechanisms. b) AQP assessment of backfilled area in Eastern Open Pit is in accordance with final landform designs. c) AQP assessment confirms safety hazards in rehabilitation area are not significantly different to surrounding unmined landscapes subject to the same land use. d) Rehabilitation is assessed as geotechnically stable, by an AQP, with FoS ≥1.5 (ANCOLD, 2017). e) AQP assessment confirms rehabilitated land is erosionally stable with groundcover (vegetative and litter) ≥70%. f) No evidence of erosion classified as 'moderate' or 'severe' as defined by the 'Erosion Classification Network Appendix 1 Table 1. g) Species density includes ≥4 of species used in revegetation h) A BioCondition assessment is completed by an AQP using the methodology outlined in the latest version of the Queensland Herbarium's 'BioCondition Assessment Manual'. i) The outcomes from the BioCondition assessment completed under RM10h) are comparable to the BioCondition benchmarks specified in Appendix 1 Table 6. j) Independent AQP certifies achievement of RM10a) to RM10i).
RM11	Achievement of water quality – Water quality only	a) Surface water quality results monitored monthly during flow at, *but not limited to,* downstream locations specified in Appendix 1 **Table 3**, must not exceed the following, for a minimum of 5 consecutive years: *i)* pH – 7.0-8.0; *ii)* Electrical Conductivity – 280µS/cm; *iii)* Turbidity – 50NTU.

		b)	If surface water quality exceeds criterion e) the applicable upstream site must be compared to the downstream site result; and quality measured at a downstream site must be equal to or less than the quality measured at the applicable upstream site.
		c)	Water storages monitored quarterly must not exceed the following, for a minimum of 5 consecutive years. *i)* pH – 7.0-8.0; *ii)* Electrical Conductivity – 280µS/cm; *iii)* Turbidity – 50NTU;
		d)	For RA8, water level must be monitored quarterly.
		e)	Hazard and safety assessment completed by an AQP demonstrates hazards in RAs are consistent with the type and severity of hazards typical of the adjacent equivalent land use. Remaining hazards are considered to be low risk with no significant increase in risk expected over time.
		f)	An independent AQP has certified the achievement of RM11a) to RM11e).
RM12	Landholder is informed of and acknowledges ongoing management	a)	Landholder is informed of the long-term and ongoing maintenance requirements relating to abandonment bunds, fences, signs, pit floor, and pit access as described in the Progressive Rehabilitation and Closure Plan for Warwick Limestone.
		b)	Landholder acknowledges understanding of the long-term and ongoing management requirements.
		c)	Independent AQP certifies achievement of RM12a) and RM12b).
RM13	Achievement of retained infrastructure PMLU to stable condition	a)	Infrastructure to be transitioned to a future landholder is deemed fit for purpose (verified by an AQP) and accepted, by signed agreement, with the future landholder.
		b)	An AQP certifies that all infrastructure to be retained onsite is safe, stable and will not cause environmental harm.
		c)	Independent AQP certifies achievement of RM13a) and RM13b).

Foot notes:

1. Appendix 4: Rocktest Rock Engineering Consultants (5 June 2019): Warwick Limestone Mine Geotechnical Risk Assessment and Management for Sibelco Version 1.0.
2. Weeds are defined by the *Biosecurity Act 2014*.
3. 3P species – palliative productive and perennial

Appendix 1: Tables

Table 1: 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, etc
Rill/gully erosion	<15 rills and <0.3m deep	15-30 rills and <0.3m deep	>30 rills and/or any >0.3m deep.
Tunnel erosion	-	-	Present
Mass movement	-	-	Present

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

Table 2: Analogue sites

Analogue Site	Corner 1				Corner 2				Corner 3				Corner 4			
	Easting	Northing	Latitude	Longitude	Easting	Northing	Latitude	Longitude	Easting	Northing	Latitude	Longitude	Easting	Northing	Latitude	Longitude
1	413,368	6,859,562	- 28.3874	152.1157	413,378	6,859,562	-28.3874	152.1158	413,378	6,859,552	-28.3875	152.1158	413,368	6,859,552	-28.3875	152.1157
2	413,496	6,859,024	- 28.3923	152.1170	413,506	6,859,024	-28.3923	152.1171	413,506	6,859,014	-28.3924	152.1171	413,496	6,859,014	-28.3924	152.1170
3	412,693	6,858,231	- 28.3994	152.1088	412,703	6,858,231	-28.3994	152.1089	412,703	6,858,221	-28.3995	152.1089	412,693	6,858,221	-28.3995	152.1088
4	413,182	6,858,298	- 28.3988	152.1137	413,192	6,858,298	-28.3988	152.1138	413,192	6,858,288	-28.3989	152.1138	413,182	6,858,288	-28.3989	152.1137
5	414,115	6,858,357	- 28.3983	152.1233	414,125	6,858,357	-28.3983	152.1234	414,125	6,858,347	-28.3984	152.1234	414,115	6,858,347	-28.3984	152.1233
6	412,414	6,858,335	- 28.3984	152.1059	412,424	6,858,335	-28.3984	152.1060	412,424	6,858,325	-28.3985	152.1060	412,414	6,858,325	-28.3985	152.1059
7	413,001	6,858,379	- 28.3981	152.1119	413,011	6,858,379	-28.3981	152.1120	413,011	6,858,369	-28.3982	152.1120	413,001	6,858,369	-28.3982	152.1119

Table 3: Receiving environment surface water monitoring locations

Monitoring Locations	Receiving water's location description	Easting (GDA2020)	Northing (GDA2020)	Latitude (decimal degree, GDA2020)	Longitude (decimal degree, GDA2020)
MP1	Frenchman's Gully	413563	6859382	-28.38906	152.11771
MP2		413436	6858840	-28.39394	152.11638
MP3		413764	6858783	-28.39448	152.11972

MP4		414071	6858765	-28.39466	152.12285
MP6	Tributary of Lord John Creek	412268	6858532	-28.39664	152.10443
Upstream 1 (US1)	Upstream of Sediment Dam 8	413187	6858397	-28.39792	152.11380
Upstream 1 (US2)	Near southern ML50239 boundary	412413	6858068	-28.40084	152.10588

Table 4: Sediment and water storage dams

Water Storage ID	East (GDA 2020)	North (GDA2020)	Latitude (decimal degree, GDA2020)	Longitude (decimal degree, GDA2020)	Mining Lease
Sediment Dam 1	413378	6859379	-28.38907	152.11582	ML50146
Sediment Dam 2	413397	6859342	-28.38941	152.11602	ML50146
Sediment Dam 3	413350	6859771	-28.38553	152.11557	ML50146
Sediment Dam 4	413321	6859814	-28.38514	152.11528	ML50146
Catchment Dam 1	413248	6859102	-28.39156	152.11448	ML50146
Catchment Dam 2	413169	6859154	-28.39109	152.11367	ML50146
Sediment Dam 6	412421	6858553	-28.39646	152.10599	ML50083
Sediment Dam 7	413363	6858918	-28.39323	152.11564	ML50146
Sediment Dam 8	413298	6858587	-28.39622	152.11495	ML50237
Sediment Dam 9	413843	6858437	-28.39761	152.12050	ML50237
Sediment Dam 10	413900	6858469	-28.39732	152.12109	ML50237
Sediment Dam 11	413733	6858739	-28.39487	152.11940	ML50237
West Pit	412653	6858640	-28.39570	152.10837	ML50083
Phoenix pit	413510	6858633	-28.39581	152.11711	ML50237

East Pit Extension (MP5)	412581	6858272	-28.39959	152.10753	ML50239

Figure 5: Aspinal Pit Water Quality Monitoring Locations

Figure 6: East-West Pit and Pheonix Pit Water Quality Monitoring Locations

Table 5: Species and sowing rates

Common name	Scientific name	Sowing rate (kg/ha)
Kangaroo Grass	*Themeda triandra*	5
Katambora Rhodes Grass	*Chloris gayana*	1
Slender Bamboo Grass	*Austrostipa verticillata*	5
Barbed-Wire Grass	*Cymbopogon refractus*	5
Creeping Bluegrass	*Bothriochloa insculpta*	1
Twitch Grass	*Elymus repens*	1
Shrubby Stylos	*Stylosanthes scabra*	5
Fine-Stem Stylo	*Stylosanthes guianensis vari. intermedia*	2
	TOTAL	**25**

Table 6: BioConditioning Benchmark for Regional Ecosystem

BioCondition Assessable Attributes	Weighting	BioConditioning Scores		Vegetation benchmarks
		RM5	RM8 and RM10	RE 11.9.3 (Grassland)
Grass (native) species richness*	5	1-5	6-9	10
Forb/other (native) species richness*	5	1-4	5-8	9
Non-native plant cover (%)	10	<50%	5-25%	0
Native perennial grass cover (%)	5	2-25%	>50%	53
Litter (%)	5	1-5%	>9%	10
Total score	30			

Section E – Non-use management areas

(IA1) Improvement area 1

Non-use management area (NUMA)			
Improvement area	IA1		
Relevant activities	East-West Pit void and walls		
Total size (ha)	4.3		
Commencement of first milestone: MM1	10/12/2060		
NUMA	Residual Void / Water Storage		
Date area is available	10/12/2060	10/12/2074	10/12/2081
Cumulative area available (ha)	4.3	4.3	4.3
Milestone completed by	10/12/2074	10/12/2081	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**		
MM1	4.3		
MM2		4.3	
MM3			4.3

(IA2) Improvement area 2

Non-use management area (NUMA)			
Improvement area	IA2		
Relevant activities	Pheonix Pit void and walls		
Total size (ha)	8.1		
Commencement of first milestone: MM1	10/12/2061		
NUMA	Residual Void / Water Storage		
Date area is available	10/12/2061	10/12/2074	10/12/2081
Cumulative area available (ha)	8.1	8.1	8.1
Milestone completed by	10/12/2074	10/12/2081	10/12/2086
Milestone Reference	**Cumulative area achieved (ha)**		
MM1	8.1		
MM2		8.1	
MM3			8.1

Improvement area milestones

Milestone reference	Management milestone	Milestone criteria
MM1	Achievement of structural stability	a) High wall maximum slope of 38° for non-competent rock; b) High wall maximum slope of 70° for competent rock and stable landform; c) Backfill maximum slope of 25°; d) Compaction of backfill to satisfaction of AQP; e) Access to highwalls is restricted by a safety bund constructed to the following specifications: *i)* The bund's pit-side toe is at a minimum setback distance a minimum of 10 m from the highwall crest which achieves a FoS >1.5. *ii)* A minimum height of 2m; and *iii)* A minimum base width of 5m f) The pit walls achieve a FoS ≥1.5 within the NUMA extents. g) Independent AQP certifies achievement of MM1a) to MM1d).
MM2	Achievement of surface requirements	a) Adequate bunding in place, confirmed to be geotechnically stable by an AQP. b) Safety bunds constructed ≥1.5m in height, minimum base width of 5m, battered at 1:3 grade, and located 10m beyond the projected stable crest that achieves a FOS >1.5 of final highwall crests. c) Bunding is confirmed to be capable of maintaining stability under a PMF scenario. d) Bunding to be certified as geotechnically stable by AQP. e) Fencing erected, where required to prevent access to the residual void, around the perimeter of the safety bund. f) Safety signage designed in accordance with Australian Standard is erected at 100m intervals along the fence line. g) Independent AQP certifies achievement of MM2a) to MM2f).
MM3	Achievement of sufficient improvement	a) The final landform has been constructed in accordance with the final design. b) Appropriate safety infrastructure at the geotechnical set-back distance has been installed to prevent access to the NUMA. c) The residual void is safe to humans and stock.

		d) The residual void will not present an unacceptable risk of environmental harm. e) 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. f) Monitoring and maintenance of exclusion fences and bunds to be carried out to ensure they remain effective. g) Independent AQP certifies achievement of MM3a) to MM3f).

END OF **PRCP** SCHEDULE