PRCP schedule

Environmental Protection Act 1994

PRCP schedule PRCP_EPML00863713_V1

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

PRCP schedule: PRCP_EPML00863713_V1

PRCP schedule holder(s)

Name(s)	Registered address
Newmont Landco Pty Ltd ACN 144879514	Level 5, 500 Hay St, SUBIACO WA 6008

Location details

Location(s)
Mining Lease (ML) 10172, ML1546, ML10173, ML10148, ML10144

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

2 February 2023

Date

Chris Wake
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

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Obligations under the *Environmental Protection Act 1994*

Pursuant to section 202E of the EP Act, if there is an inconsistency between an environmental authority and a PRCP schedule, the environmental authority prevails to the extent of the inconsistency.

Pursuant to section 285 of the EP Act:

- the holder of a PRCP schedule must commission an audit of the schedule by a rehabilitation auditor for the following periods (each an audit period) —

  (a) the 3-year period starting on the day the schedule takes effect

  (b) each 3-year period starting on the day after the previous audit period ended.

- the holder must, within 4 months after the end of each audit period, give the administering authority -

  (a) the rehabilitation auditor's report (an audit report) about the audit that complies with section 286 of the EP Act, and

  (b) a declaration for the audit report that complies with section 285 of the EP Act.

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

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

PRCP schedule

The PRCP schedule incorporates the following sections:

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

Section A - Conditions of PRCP schedule

Pursuant to section 206A of the EP Act:

- it is a condition of this PRCP schedule that, in carrying out a relevant activity under the schedule, the holder must comply with a requirement stated in the environmental authority relevant to carrying out the activity.
- it is a condition of this PRCP schedule that the holder must comply with the following matters stated in the schedule -

  (a) each rehabilitation milestone and management milestone

  (b) when each rehabilitation milestone and management milestone is to be achieved

General conditions

PRCP1 The holder must comply with each milestone criterion stated in the schedule.

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

(i) certifications or assessments to be undertaken

(ii) monitoring or maintenance to be carried out;

(iii) final design plans and/or specifications to be developed; and

(iv) reports such as contaminated land investigations, rehabilitation reports (including monitoring records), validation reports, Quality Assurance/Quality Control reports.

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

PRCP4 Upon completion of construction (in accordance with Rehabilitation Milestone 4 and within Rehabilitation Area 12), the holder must conduct monitoring, keep records and demonstrate the performance of the bituminous geo-membrane cover system installed on the Scats Stockpile.

Records to be kept must include:

(i) Chemical and physical properties of material contained in the landform (including lab-based material characterisation results)

(ii) Chemical and physical properties of all cover materials (including lab based material characterisation results)

(iii) Surface and sub-surface preparation requirements including any available information related to the base/lining layer under the landform (for example, ripping, compacting, establishing bunds) (including evidence, photos, records of any tests conducted)

(iv) Amelioration requirements (for example gypsum/lime etc, rate, spreading/layer application) (including lab-based material characterisation results)

(v) Details of installation methodology

(vi) Monitoring equipment installation

(vii) Quality Assurance/Quality Control tests and processes implemented for the construction of each layer of the cover system, including justification for the selected processes.

Monitoring must be conducted for a period of at least five consecutive years and must include:

(i) Quality Assurance/Quality Control testing of the cover system post-construction at a rate of at least one sample per hectare to confirm:

a. Depth of growth media layer

b. Maximum hydraulic conductivity is to specified design

c. No potentially acid forming material is present within the cover material.

(ii) Site specific climate data collected for the duration of the monitoring period at an automated meteorological station established on site that records the following:

a. Rainfall (tipping bucket)

b. Evaporation

c. Relative humidity

d. Wind strength

e. Wind direction; and

f. Air temperature

(iii) Cover system design performance measured at primary monitoring locations (established in representative locations) to understand and demonstrate:

a. The soil water profile of the growth media layer

i. Available water holding capacity of the soil profile to assess the potential for erosion of embankments and instability including:

1. Surface water ponding on the top (including shallower sloping surfaces)

2. Surface water runoff

3. Lateral flow at interface of layers

b. The stability risk for the cover system

i. Measured using a drainage collection and monitoring system installed at a minimum of three locations that are representative of the scats stockpile surface

ii. Measured vertically at each primary monitoring location, a minimum of two automated in situ water content sensors within the soil profile above the bituminous geomembrane layer of the cover system, one near the soil surface and one close to the interface of the layers (at 10cm and 45cm below soil surface level is appropriate), ensuring that a representative number of monitoring locations are located on the embankment slopes and shallower surfaces and that the data is recorded at thirty minute intervals.

iii. Measured using calibrated sediment capture flumes at the base of the embankments to monitor runoff, subsurface lateral flow, and sediment loss

c. The interactions at the geomembrane/growth media layer interface

d. Permeability of the geomembrane layer (measured as maximum hydraulic conductivity)

(iv) Data from in situ monitoring and/or laboratory studies for:

a. Contaminant transport

b. Drainage performance

c. Evapotranspiration

d. Soil performance

e. Stability and biological factors

All instrumentation and sensors used in the monitoring program must be calibrated to the material type being monitored using the manufacturers specifications.

All monitoring equipment must be installed, operated and maintained by an appropriately qualified person.

Within twelve months of completion of the monitoring phase, a report must be provided to the administering authority demonstrating the performance of the cover system. This demonstration must include:

(i) Details and interpretation of records and monitoring collected under this condition

(ii) Provision of SILO data for the duration of the monitoring period and a comparative analysis with the site-specific climate data collected as part of monitoring activities.

(iii) Landform evolution modelling undertaken using site-specific climate and erosion measurements to demonstrate the erosional stability of the landform surface through time.

(iv) Demonstration that the cover system has achieved and sustained the performance objectives in Rehabilitation Milestone RM4 a) and will enable the landform to achieve stable condition (as per s111A of the EP Act).

(v) Calibration processes for all instrumentation

(vi) 'As constructed' plans and report by an appropriately qualified person certifying that the cover system was constructed according to the design

(vii) In situ Quality Assurance/Quality Control test report for each capping layer

(viii) Quality Assurance/Quality Control information for the overall landform construction

(ix) Details of the professional qualifications, training, skills and experience of all appropriately qualified persons.

PRCP5 By 2 February 2033 and every ten years thereafter, the holder must provide a report to the administering authority that is prepared by an appropriately qualified person and includes:

(i) a description and analysis of any trends observed through results of water quality monitoring for all Rehabilitation Areas reliant upon the contaminated water interception system, including providing all monitoring data. The report should discuss progress made towards achieving the rehabilitation objectives of a stable condition and no active contaminated water management required.

(ii) documentation of the review required by Management Milestone 2(b) for Improvement Area 1 of this PRCP schedule.

PRCP6 By 2 February 2024 the holder must propose to the administering authority details of analogue sites for LFA/EFA assessment criteria referred to in Rehabilitation Milestones RM7 and RM8 including demonstration of how each proposed analogue site is comparable to the target landform in:

(i) slope

(ii) soil type

(iii) soil texture

(iv) soil cover

(v) aspect

(vi) resource regulation

(vii) vegetation species composition required in the mature rehabilitation

(viii) land use.

PRCP7 By 2 February 2024 the holder must propose to the administering authority details of reference and downstream monitoring locations for surface water rehabilitation criterion in Rehabilitation Milestone RM8 (e) including demonstration of how each proposed location has been selected.

Reference sites for physico-chemical parameters must be selected considering the criteria listed in section 6.5 Table 3:Criteria for reference sites for physico-chemical indicators, freshwaters, of DES 2018 Monitoring and Sampling Manual: Environmental Protection and Water Policy. Brisbane Department of Environment and Science Government.

PRCP8 By 2 February 2024 the holder must propose to the administering authority details of groundwater monitoring bore locations for rehabilitation criterion in Rehabilitation Milestone RM8 (d). The monitoring bore locations must be:

(i) Located in a suitable position to monitor the downstream impact of potential contaminant movement from each Rehabilitation Area of this schedule

(ii) Screened within the relevant hydrogeological unit likely to be affected by the relevant Rehabilitation Area of this schedule

(iii) Supported by information demonstrating how each proposed location has been selected to effectively demonstrate achievement of the rehabilitation outcome.

END OF CONDITIONS

Section B - Final site design and reference maps

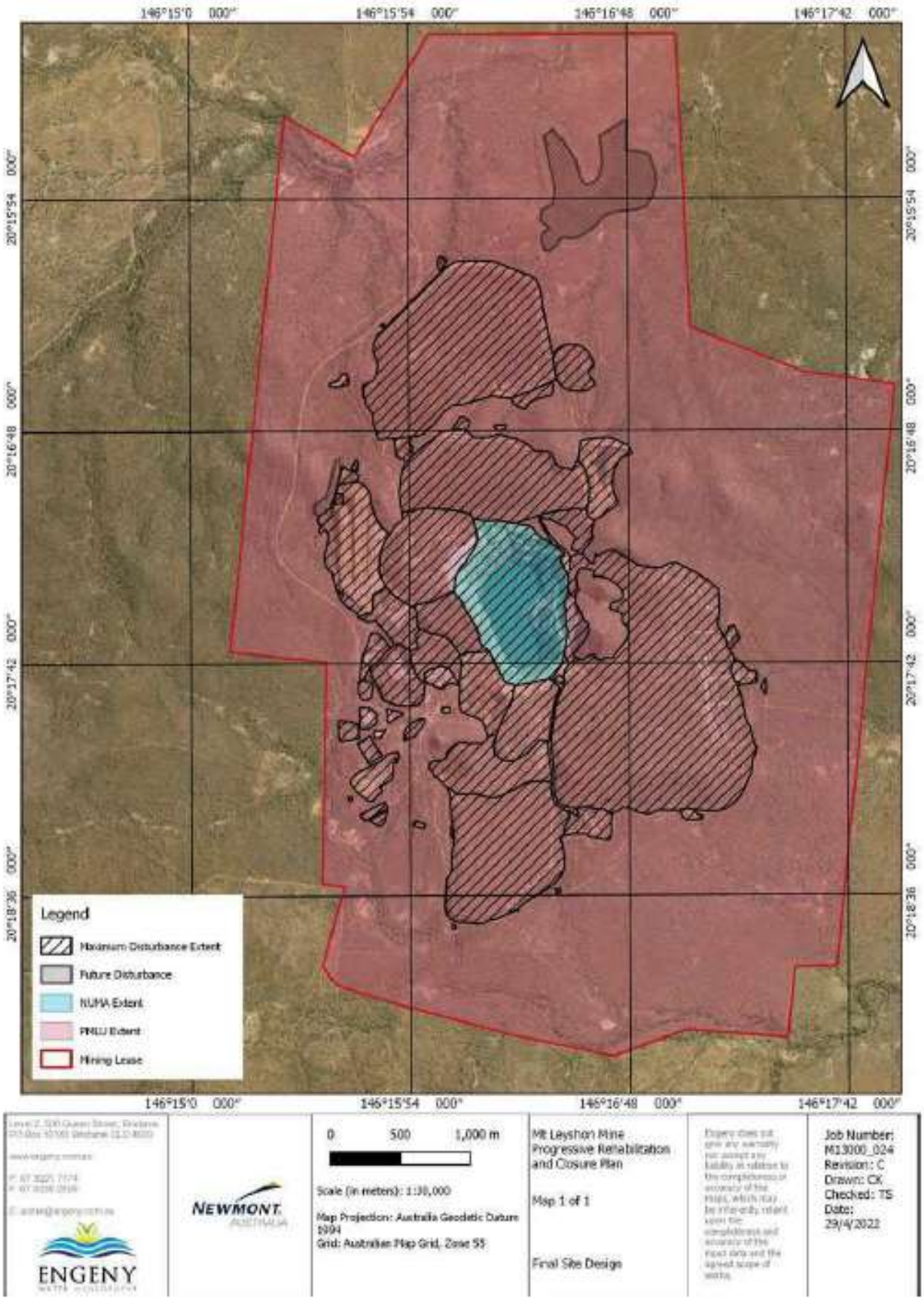

Figure 1. Final site design

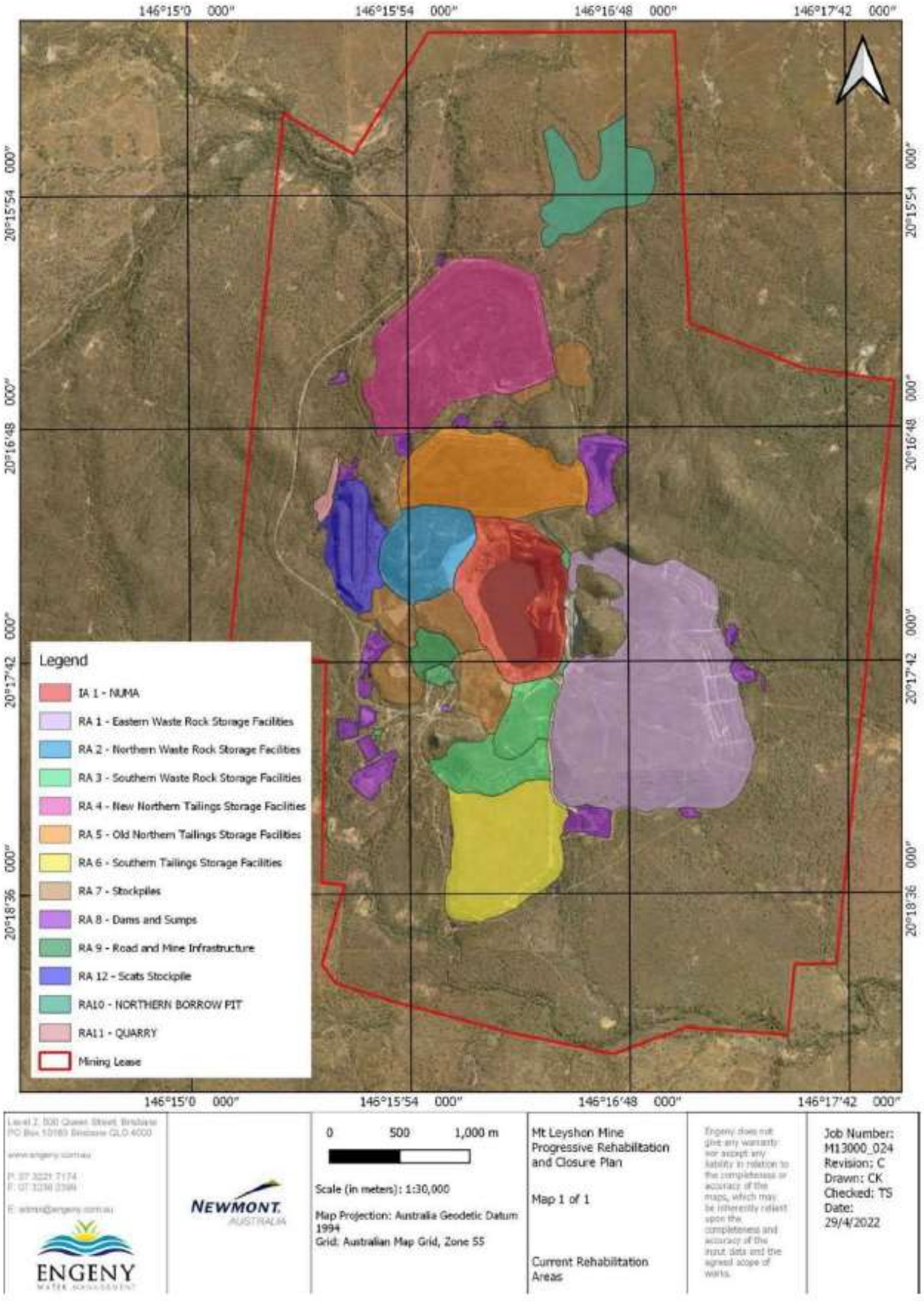

Figure 2. Rehabiliation Areas and Improvement Areas

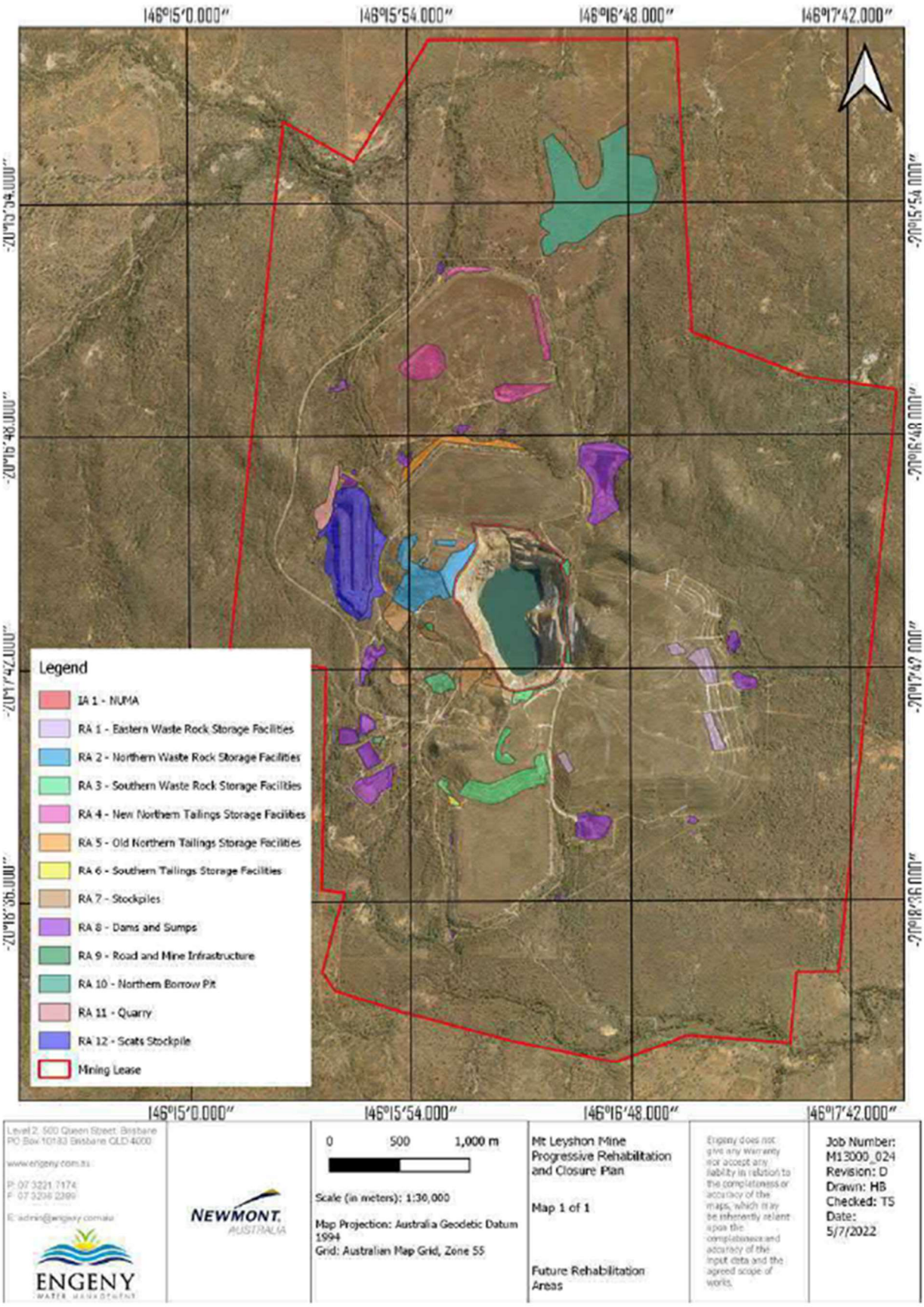

Figure 3. Areas where further rehabilitation works will be undertaken

Section C – Post mining land uses

(RA1) Rehabilitation area 1

Post-mining land uses (PMLU)			
Rehabilitation area	RA1		
Relevant activities	Eastern Waste Rock Storage Facility		
Total rehabilitation area size (ha)	197.67		
Commencement of first milestone: RM3	10/12/2022		
PMLU	Grazing		
Date area is available	Prior to commencement of schedule		
Cumulative area available (ha)	197.67		
Milestone completed by	10/12/2024	10/12/2044	10/12/2122
Milestone Reference	**Cumulative area achieved (ha)**		
RM5	6.95		
RM6	197.67		
RM7		197.67	
RM8			197.67

(RA2) Rehabilitation area 2

Post-mining land uses (PMLU)			
Rehabilitation area	RA2		
Relevant activities	Northern Waste Rock Storage Facility		
Total rehabilitation area size (ha)	38.48		
Commencement of first milestone: RM3	10/12/2023		
PMLU	Grazing		
Date area is available	Prior to commencement of schedule		
Cumulative area available (ha)	38.48		
Milestone completed by	10/12/2025	10/12/2045	10/12/2122
Milestone Reference	**Cumulative area achieved (ha)**		
RM3	14.98		
RM5	14.98		
RM6	38.48		
RM7		38.48	
RM8			38.48

(RA3) Rehabilitation area 3

Post-mining land uses (PMLU)			
Rehabilitation area	RA3		
Relevant activities	Southern Waste Rock Storage Facility		
Total rehabilitation area size (ha)	41.42		
Commencement of first milestone: RM3	10/12/2026		
PMLU	Grazing		
Date area is available	Prior to commencement of schedule		
Cumulative area available (ha)	41.42		
Milestone completed by	10/12/2028	10/12/2048	10/12/2122
Milestone Reference	**Cumulative area achieved (ha)**		
RM3	12.54		
RM5	12.54		
RM6	41.42		
RM7		41.42	
RM8			41.42

(RA4) Rehabilitation area 4

Post-mining land uses (PMLU)			
Rehabilitation area	RA4		
Relevant activities	New Northern Tailings Storage Facility		
Total rehabilitation area size (ha)	116.68		
Commencement of first milestone: RM3	10/12/2025		
PMLU	Grazing		
Date area is available	Prior to commencement of schedule		
Cumulative area available (ha)	116.68		
Milestone completed by	10/12/2027	10/12/2047	10/12/2122
Milestone Reference	**Cumulative area achieved (ha)**		
RM3	13.33		
RM5	13.33		
RM6	116.68		
RM7		116.68	
RM8			116.68

(RA5) Rehabilitation area 5

Post-mining land uses (PMLU)			
Rehabilitation area	RA5		
Relevant activities	Old Northern Tailings Storage Facility		
Total rehabilitation area size (ha)	65.30		
Commencement of first milestone: RM3	10/12/2026		
PMLU	Grazing		
Date area is available	Prior to commencement of schedule		
Cumulative area available (ha)	65.30		
Milestone completed by	10/12/2027	10/12/2047	10/12/2122
Milestone Reference	**Cumulative area achieved (ha)**		
RM3	5.20		
RM5	5.20		
RM6	65.30		
RM7		65.30	
RM8			65.30

(RA6) Rehabilitation area 6

Post-mining land uses (PMLU)			
Rehabilitation area	RA6		
Relevant activities	Southern Tailings Storage Facility		
Total rehabilitation area size (ha)	68.19		
Commencement of first milestone: RM3	10/12/2026		
PMLU	Grazing		
Date area is available	Prior to commencement of schedule		
Cumulative area available (ha)	68.19		
Milestone completed by	10/12/2027	10/12/2047	10/12/2122
Milestone Reference	**Cumulative area achieved (ha)**		
RM3	0.69		
RM5	0.69		
RM6	68.19		
RM7		68.19	
RM8			68.19

(RA7) Rehabilitation area 7

Post-mining land uses (PMLU)			
Rehabilitation area	RA7		
Relevant activities	Stockpiles		
Total rehabilitation area size (ha)	60.94		
Commencement of first milestone: RM3	10/12/2027		
PMLU	Grazing		
Date area is available	Prior to commencement of schedule		
Cumulative area available (ha)	60.94		
Milestone completed by	10/12/2030	10/12/2050	10/12/2122
Milestone Reference	**Cumulative area achieved (ha)**		
RM3	11.36		
RM5	11.36		
RM6	60.94		
RM7		60.94	
RM8			60.94

(RA8) Rehabilitation area 8

Post-mining land uses (PMLU)		
Rehabilitation area	RA8	
Relevant activities	Dams and Sumps	
Total rehabilitation area size (ha)	50.19	
Commencement of first milestone: RM1	10/12/2122	
PMLU	Grazing	
Date area is available	10/12/2122	
Cumulative area available (ha)	50.19	
Milestone completed by	10/12/2124	10/12/2144
Milestone Reference	**Cumulative area achieved (ha)**	
RM1	33.69	
RM2	33.69	
RM3	33.69	
RM5	33.69	
RM6	50.19	
RM7		50.19
RM8		50.19

(RA9) Rehabilitation area 9

Post-mining land uses (PMLU)		
Rehabilitation area	RA9	
Relevant activities	Roads and Mine Infrastructure	
Total rehabilitation area size (ha)	15.77	
Commencement of first milestone: RM1	10/12/2122	
PMLU	Grazing	
Date area is available	10/12/2122	
Cumulative area available (ha)	15.77	
Milestone completed by	10/12/2124	10/12/2144
Milestone Reference	**Cumulative area achieved (ha)**	
RM1	4.08	
RM2	4.08	
RM3	4.08	
RM5	4.08	
RM6	15.77	
RM7		15.77
RM8		15.77

(RA10) Rehabilitation area 10

Post-mining land uses (PMLU)			
Rehabilitation area	RA10		
Relevant activities	Northern Borrow Pits		
Total rehabilitation area size (ha)	40.10		
Commencement of first milestone: RM1	10/12/2028		
PMLU	Grazing		
Date area is available	10/12/2028		
Cumulative area available (ha)	40.10		
Milestone completed by	10/12/2030	10/12/2050	10/12/2122
Milestone Reference	**Cumulative area achieved (ha)**		
RM1	40.10		
RM2	40.10		
RM3	40.10		
RM6	40.10		
RM7		40.10	
RM8			40.10

(RA11) Rehabilitation area 11

Post-mining land uses (PMLU)			
Rehabilitation area	RA11		
Relevant activities	Quarry		
Total rehabilitation area size (ha)	3.30		
Commencement of first milestone: RM1	10/12/2030		
PMLU	Grazing		
Date area is available	10/12/2030		
Cumulative area available (ha)	3.30		
Milestone completed by	10/12/2030	10/12/2052	12/10/2122
Milestone Reference	**Cumulative area achieved (ha)**		
RM1	3.30		
RM2	3.30		
RM3	3.30		
RM5	3.30		
RM6	3.30		
RM7		3.30	
RM8			3.30

(RA12) Rehabilitation area 12

Post-mining land uses (PMLU)			
Rehabilitation area	RA12		
Relevant activities	Scats Stockpile		
Total rehabilitation area size (ha)	30.02		
Commencement of first milestone: RM1	10/12/2024		
PMLU	Grazing		
Date area is available	Prior to commencement of schedule		
Cumulative area available (ha)	30.02		
Milestone completed by	10/12/2027	10/12/2047	10/12/2122
Milestone Reference	**Cumulative area achieved (ha)**		
RM1	30.02		
RM2	30.02		
RM3	30.02		
RM4	30.02		
RM5	30.02		
RM6	30.02		
RM7		30.02	
RM8			30.02

Rehabilitation area milestones

Milestone reference	Rehabilitation milestone	Milestone criteria
RM1	INFRASTRUCTURE DECOMMISSION AND REMOVAL	a) all services that are not required to implement adaptive management or support the post mining land use have been disconnected and removed; b) all concrete, bitumen and gravel removed; c) all pipelines drained and removed; d) all fencing that is not part of the post-mining land use is removed; e) all buildings demolished and/or removed; f) all machinery and equipment removed; g) all surface water drainage infrastructure that is not retained in the final landform removed; and h) all rubbish removed.
RM2	REMEDIATION OF CONTAMINATED LAND	a) An appropriately qualified person* has carried out preliminary and intrusive contaminated land investigations for the area. b) Contaminated waters have been transferred to the residual void. c) Plastic (and geofabric) liners have been removed from dams and sumps and disposed of appropriately. d) Contaminated sediments have been removed from area and disposed of appropriately. e) Validation testing has been conducted to confirm that contaminated soils have been removed/remediated.
RM3	LANDFORM SHAPING	a) Bulk earthworks have been completed to achieve final landform design maximum batter slope requirements in RM7 a) b) Erosion and Sediment Control structures have been designed, installed and maintained by an appropriately qualified person. c) Geotechnical assessment completed by an appropriately qualified person confirms that long term geotechnical stability has been achieved for each relevant landform.
RM4	COVER SYSTEM INSTALL	a) A bituminous geo-membrane cover is installed in accordance with original equipment manufacturer specifications and with appropriately justified Quality Assurance/Quality Control measures to achieve the below performance objectives:

		i. Maximum hydraulic conductivity of the cover system is < 1.0 x 10^{-9}m/s ii. Oxygen ingress to the underlying material is restricted iii. Effective anchoring and overlap/joining of materials iv. No salt rise to growth media through the cover b) Cover system performance objective monitoring equipment is installed and operating c) An appropriately qualified person has certified that the 'as constructed' cover has been installed in accordance with design and handling specifications, including: i. sub grade preparation (i.e. uniform grades, acceptable deformities) ii. ultimate footprint extents - the toe of the outer batter is ≥5m laterally separated from the clean water diversion drain to the west.
RM5	FINAL SURFACE PREPARATION	a) Remediation of existing erosion/ponding according to design by an appropriately qualified person. b) An assessment of soil health and suitability has been completed by an appropriately qualified person to confirm soil is suitable for target vegetation establishment. c) Application of ameliorants to growth media in accordance with recommendations provided by the assessment undertaken at RM5 b) d) Apply growth media at the following minimum depths : i. RA7 Stockpiles (0.45m) ii. RA12 Scats Stockpile (0.5m) iii. RA9 Mine Infrastructure (0.1m) iv. RA10 and RA11 Northern Borrow Pit and Quarry (0.15m) v. All other areas (0.2m)
RM6	REVEGETATION SEEDING (PASTURE GRAZING)	a) Rip/plough/tyne growth media (preserving cover system) as per design. b) RA12 (Scats Stockpile) apply hydromulch over the batter slopes c) Apply pasture grass seed mix containing equal portions of Buffel, Seca, Couch, Wynn-Cassia, and Rhodes at a rate of 5 – 8kg/ha to all surfaces with growth media applied.

RM7	ACHIEVEMENT OF SURFACE REQUIREMENTS	a) Report provided by suitably qualified person to certify "as constructed" landform complies with the final landform design maximum batter slope requirements (measured in degrees) as follows: i. Scats stockpile (15) ii. Northern Waste Rock Storage Facility (12) iii. Southern Waste Rock Storage Facility (11) iv. Eastern Waste Rock Storage Facility (13) v. Old Northern Tailings Storage Facility (15) vi. Southern Tailings Storage Facility (14) vii. New Northern Tailings Storage Facility (16); and the final landform of the North Borrow Pit and Quarry is free draining and consistent with the surrounding terrain. b) Soil stability greater than or equal to the lower limit of the average regional range (determined at analogue sites) for three years of monitoring using full LFA/EFA** methods c) Erosion features less than or equal to the upper limit of the average regional range (determined at analogue sites) for three monitoring years using full LFA/EFA methods**. d) >70% of analogue median using full LFA/EFA** assessments for three years of monitoring for native grass cover and diversity, woody species cover and diversity, and perennial grass species cover and diversity e) Full LFA assessment method for infiltration index and nutrient cycling index are at least 70% of median for target ecosystem (determined at analogue sites) for three years of monitoring. f) No restricted invasive Category 3 plants (defined by the *Biosecurity Act 2014)* observed at rehabilitated sites measured by using the rapid assessment method^ do not require specific management above that required at analogue sites.
RM8	ACHIEVEMENT OF PMLU TO STABLE CONDITION	a) Infrastructure decommissioning and removal activities have been undertaken in accordance with a decommissioning strategy. b) Infrastructure (i.e., mining and ancillary) removed unless otherwise agreed and asset transfer agreement in place for infrastructure retained.

		c) Site contamination investigation report for mine has been prepared by an approved auditor under the *Environmental Protection Act 1994* and any requirements for a site management plan incorporated into a Land Use Management Plan. d) Eighteen samples collected over three years, groundwater quality at each downstream monitoring bore achieves the relevant water quality guidelines for all indicators as declared under an environmental protection policy or regulation to support the post-mining land use. Downstream monitoring bore locations are shown below in Table in footnote 1. e) Ten samples collected over two years during average rainfall conditions[+], demonstrate that for all indicators for environmental values of the surface waters as declared under an environmental protection policy or regulation, the quality at downstream monitoring locations are not statistically significantly different ($p>0.05$) to the corresponding reference monitoring location. Monitoring locations are shown below in Table in footnote 2. f) Soil stability greater than or equal to the lower limit of the average regional range (determined at analogue sites) for three years of monitoring using full LFA/EFA** methods g) Erosion features less than or equal to the upper limit of the average regional range (determined at analogue sites) for three monitoring years using full LFA/EFA** methods h) >70% of analogue median using full LFA/EFA** assessments for three years of monitoring for native grass cover and diversity, woody species cover and diversity, and perennial grass species cover and diversity i) Full LFA assessment method for infiltration index and nutrient cycling index are at least 70% of median for target ecosystem (determined at analogue sites) for three years of monitoring. j) Restricted invasive Category 3 plants (defined by the *Biosecurity Act 2014*) observed at rehabilitated sites measured by using the rapid assessment method[^] do not require specific management above that required at analogue sites. k) Certification by an appropriately qualified person that the area has achieved stable condition[#] inclusive of the results of the cover system

		monitoring as required by PRCP 4, and that no active water management is required.

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

^ **Rapid assessment method** as described in Section 1.10.3 and Appendix D of the Progressive Rehabilitation Closure Plan – Mt Leyshon, Version 1, 24/08/2022.

Stable condition as defined in section 111A of the EP Act:

Land is in a stable condition if –

- The land is safe and structurally stable, and
- There is no environmental harm being caused by anything on or in the land, and
- The land can sustain a PMLU.

+ Average rainfall conditions means when the median annual rainfall (mm) for each year of the monitoring period is within one decile of the median annual rainfall recorded at the site specific automated meteorological station over the historical record.

** **LFA/EFA** refers to Landscape Function Analysis / Ecosystem Function Analysis – a procedure for monitoring and assessing landscapes https://www.researchgate.net/profile/David-Tongway-2/publication/238748160_Landscape_Function_Analysis_Procedures_for_Monitoring_and_Assessing_Landscapes_-_with_Special_Reference_to_Minesites_and_Rangelands/links/0deec52c915ae0139e000000/Landscape-Function-Analysis-Procedures-for-Monitoring-and-Assessing-Landscapes-with-Special-Reference-to-Minesites-and-Rangelands.pdf

1. Table – Groundwater downstream monitoring bore locations

Identification	Latitude (GDA2020)	Longitude (GDA2020)	Aquifer	Reference monitoring program
				Downstream
				Downstream

2. Table - Surface Water reference and downstream monitoring locations

Identification	Latitude (GDA2020)	Longitude (GDA2020)	Catchment	Reference monitoring program
				Upstream
				Downstream

Section D – Non-use management areas

(IA1) Improvement area 1

Non-use management area (NUMA)			
Improvement area	IA1		
Relevant activities	NUMA		
Total size (ha)	70.38		
Commencement of first milestone: MM1	10/12/2022		
NUMA	Void		
Date area is available	Prior to commencement of schedule		10/12/2122
Cumulative area available (ha)	70.38		
Milestone completed by	10/12/2023	10/12/2122	10/12/2123
Milestone Reference	**Cumulative area achieved (ha)**		
MM1	70.38		
MM2		70.38	
MM3			70.38

Improvement area milestones

Milestone reference	Management milestone	Milestone criteria
MM1	ACHIEVEMENT OF SURFACE REQUIREMENTS	a) Hard control barrier constructed around the perimeter of the void at minimum of one metre high. b) Warning signage posted every one hundred metres of the perimeter of the void.
MM2	IMPLEMENT ADAPTIVE MANAGEMENT	a) Use an adaptive management approach to achieve the management objectives of: i. maintaining the void water level below RL340m, and ii. preventing contaminant release to the environment. b) At least every ten years an appropriately qualified person has reviewed the site water balance, model, and environmental management measures being implemented and made recommendations on adaptive management actions to achieve the management objectives of MM2(a). c) Adaptive management actions recommended in each review have been implemented and documented. d) By 10 December 2032 and every twenty years thereafter (e.g. 2052, 2072 etc.) an appropriately qualified person has analysed the slope stability of the residual void.
MM3	ACHIEVEMENT OF SUFFICIENT IMPROVEMENT	a) Certification from an appropriately qualified person that the water level and water quality in the void will not cause environmental harm to the surrounding environment. b) Certification from an appropriately qualified person that the residual void acts as a groundwater sink to the shallow groundwater system. c) Certification from an appropriately qualified person that the void is safe to humans and livestock.

END OF PRCP SCHEDULE