

PRCP AMENDMENT APPLICATION

Summary of Changes between current approved version (V2) and proposed amendment.

RA1 – Certified Grazing Rehabilitation

- 0.8 ha area of this rehabilitation area is overlapped by RA5.
- Required to complete final rehabilitation landform design

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
662.8	662.8	-

RA2 – Existing Grazing Rehabilitation

- Existing grazing areas (RA2) moved to native bushland RA3 (area loss). Boggy Creek diversion areas (RA4) moved to RA2 (area gain).
- On ground land suitability assessment evidenced that an existing area of RA2 are better suited to RA3.
- An overlap increase of approximately 8 ha of existing rehabilitation is re-disturbed in order to complete final rehabilitation landform design.
- Boundary re-alignment to suit actual completed area.

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
861.7	832.3	-29.4

RA3 – Existing Native Bushland Corridor Rehabilitation

- Existing grazing areas (RA2) moved to native bushland RA3 (area gain).
- On ground land suitability assessment evidenced that an existing area of RA2 are better suited to RA3.

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
44.1	83.2	+39.1

RA4 – Existing Boggy Creek Diversion Rehabilitation

- Boggy Creek diversion areas (RA4) moved to RA2 (area loss).
- Boundaries were revised and realigned to suit where grazing land is located beyond the diversion crest. A dam originally linked to the

diversion has been backfilled as per water licence conditions to natural ground level and is now suitable for grazing.

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
78.8	70.3	-8.5

RA5 – Grazing land use at Yongala as final land use

- Additional disturbance area added (area gain). RA6 areas merged into this RA (area gain). RA5 area moved to RA6 (area loss) and RA7 moved to RA5 (area gain).
- 15% highwall design has larger disturbance footprint and reduced angles suitable for cattle grazing.
- Rehabilitation design overlaps areas of existing rehabilitation RA1 & RA2.
- Revision of on ground boundaries saw RA6 and RA7 polygons modified.

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
617.3	795.2	+177.9

RA6 – Native Bushland Corridor at Yongala as final land use

- Native bushland removed from Y Pit and moved to RA5 (area loss). The area in question that was lost to RA5 now results in the remaining area of RA6 not commencing until 2027, as was originally proposed for this F pit area. F pit native bushland boundary modified (area gain).
- 15% highwall design does not require NBC.
- Actual boundary revised to be reflective of on ground areas.

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
137.3	39.0	-98.3

RA7 – Boggy Creek Diversion as final land use

- Boggy Creek diversion areas (RA4) moved to RA5 (area loss).
- Actual boundary revised to be reflective of on ground areas.

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
9.9	4.7	-5.2

Minor Boundary Revisions:

- Actual boundaries revised to be reflective of on ground areas.

RA8 – Grazing as final land use

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
1137.2	1140.8	+3.6

RA9 – Native Bushland Corridor as final land use

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
84.2	92.1	+7.9

RA10 – Northern Flood Protection Landform as final land use

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
35.7	35.7	-

RA11 – Grazing as final land use

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
927.1	925.9	-1.2

RA12 – Native Bushland Corridor as final land use

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
76.2	76.2	-

RA13 – Southern Flood Protection Landform as final land use

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
29.6	29.6	-

RA14 – Landholder Retained Infrastructure as final land use

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
38.5	38.5	-

RA15 – Surface Area of Underground Mining

Approved PRCP (V2) (ha)	Proposed Amendment (ha)	Difference
3770.0	3770.0	-

The PMLU's of Ensham remain unchanged with this amendment, only the proportion of these PMLU's on site is altered.

The following maps have been modified to be reflective of the abovementioned changes:

- Figure 3-2 Location and extent of PMLUs
- Figure 9-9 Final site design map
- Figure 9-9 RA1
- Figure 9-10 RA2
- Figure 9-11 RA3
- Figure 9-12 RA4
- Figure 9-13 RA5
- Figure 9-14 RA6
- Figure 9-15 RA7
- Figure 9-16 RA8
- Figure 9-17 RA9
- Figure 9-19 RA11

Supporting Information for Application Form

Section 8

Environmental Values – Land Use

After consultation with the present background landowner of Yongala, it is proposed to alter the final land use of an area of Native Bushland Corridor to Grazing. This is primarily the area of battered down highwall of Y Pit. In order to facilitate the grazing land use, the slope will need to be reduced from 25% down to 15% and capped with 1 metre of Permian spoil (if not constructed in existing Permian material). The flatter slope will reduce the risk of erosion and be more appropriate for cattle to utilise and access.

In order to reduce the slope of the battered down highwall, the new crest will be moved to the west, increasing the area of RA5 (grazing) from 617.3 ha to 795.2 ha. This area includes a small buffer to alleviate the requirement for PRCP schedule amendments should minor boundary/design changes be required. The area of RA6 (native bushland corridor) will reduce from 137.3 ha down to 39 ha in Yongala.

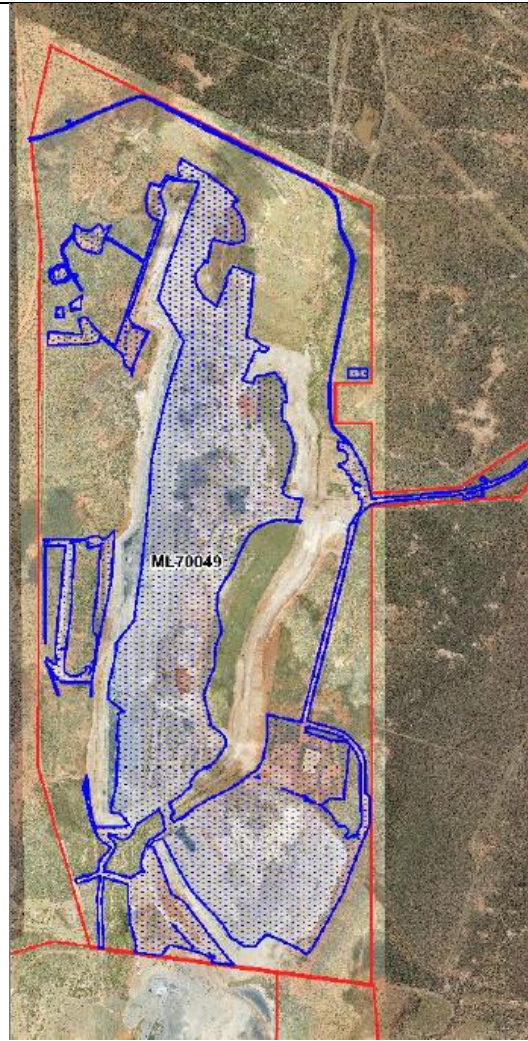


Figure 1 Current RA5 (grazing) area

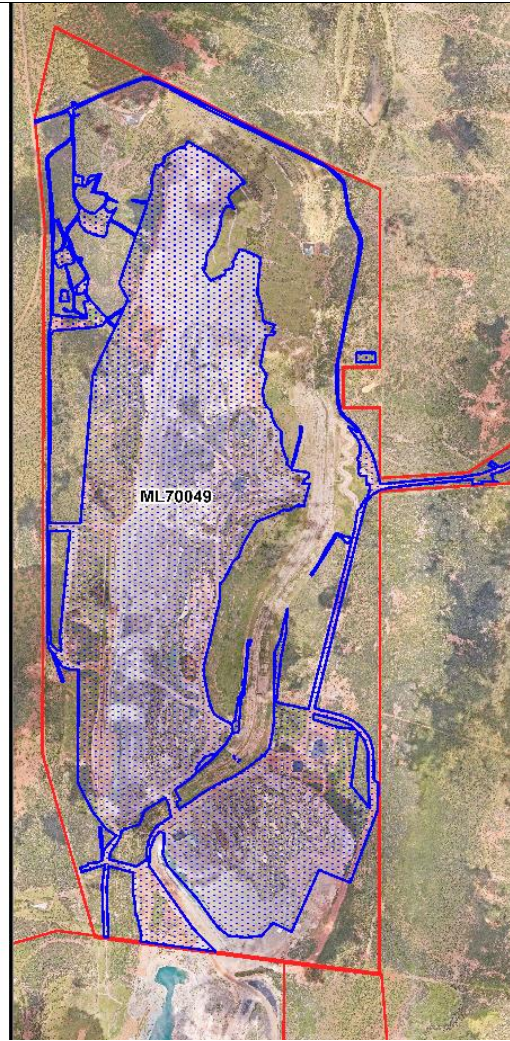


Figure 2 Proposed RA5 (grazing) area

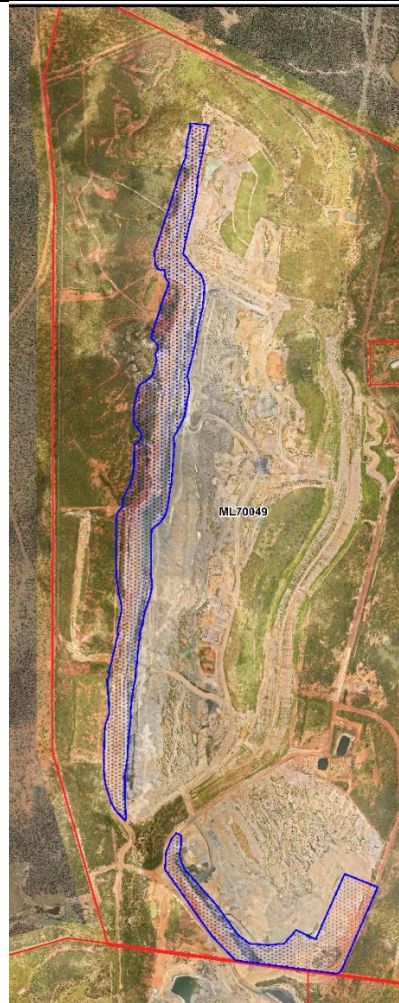


Figure 3 Current RA6 (native bushland) area



Figure 4 Proposed RA6 (native bushland) area

In this proposed amendment, the final land use for 39.1 ha of existing rehabilitation has been altered from grazing to native bushland corridor. The area was rehabilitated progressively over a number of years, some completed up to 12 years ago. Part of this area was not mined and was just cleared of vegetation, ripped and seeded. The original land surface and topography remain unaltered. The remainder of the rehabilitation area has had the topsoil stripped, had spoil dumped, reshaped and has had the same topsoil replaced on the surface. This soil remains poor quality, even after amelioration.

Land suitability assessments reflect the vast majority of the natural ecosystems surrounding this area, Lancewood Scrub are class 5 and not suitable for grazing. The original native species of this area, mainly lancewood, are now also dominating these rehabilitation areas.



Figure 5 Area of RA 2 changed to RA 3



Figure 6 Area that was previously cleared, ripped and seeded (current image of rehab)



Figure 7 Area previously cleared, ripped and seeded (current image of rehab)



Figure 8 Area of spoil emplacement, topsoiled, ripped and seeded (current image of rehab)

Section 9

Final Site Design

No new PMLU land uses are created or removed, just the proportion of each has been altered to better suit landholder wishes and natural conditions.

Reference	Amendment	Current	Proposed	Justification
RA2 Cattle Grazing (completed)	Amend	Amend	Amend	Existing areas of completed rehabilitation moved to or from this RA (refer below)
RA3 Native Bushland (completed)	Amend	Amend	Amend	Additional existing established rehabilitation (38ha) has been moved into this category from a grazing land use (RA2).
RA4 Boggy Creek (completed)	Amend	Amend	Amend	Total area of existing rehabilitation inside the Boggy Creek footprint is reduced from 78.8 ha to 70.3 ha. Area outside the footprint crest has been moved to RA2 to be more reflective of its actual land use.
RA5 Cattle Grazing (to rehab)	Amend	Amend	Amend	Area has increased to incorporate areas formerly in RA6. It also includes undisturbed areas and completed rehabilitation areas necessary to batter the existing highwall down to 15% to create a grazing outcome.
RA6 Native Bushland (to rehab)	Amend	Amend	Amend	RA6 in Y pit has been moved to RA5 cattle grazing land use. RA6 in F North Pit remains.
RA7 Boggy Creek (to rehab)	Amend	Amend	Amend	Total area inside the Boggy Creek crest footprint requiring seed bed preparation and sowing is reduced from 9.9 ha to 4.7 ha. The remaining 5.2 ha will meet the cattle grazing land use. A portion of this area that has vegetation established has been moved to RA2 (and is expected to achieve RM6 by 10/12/2023), while the incomplete portion has been moved to RA5 to be rehabbed. Adjustment of this area is required due to a boundary error identified in previous versions.

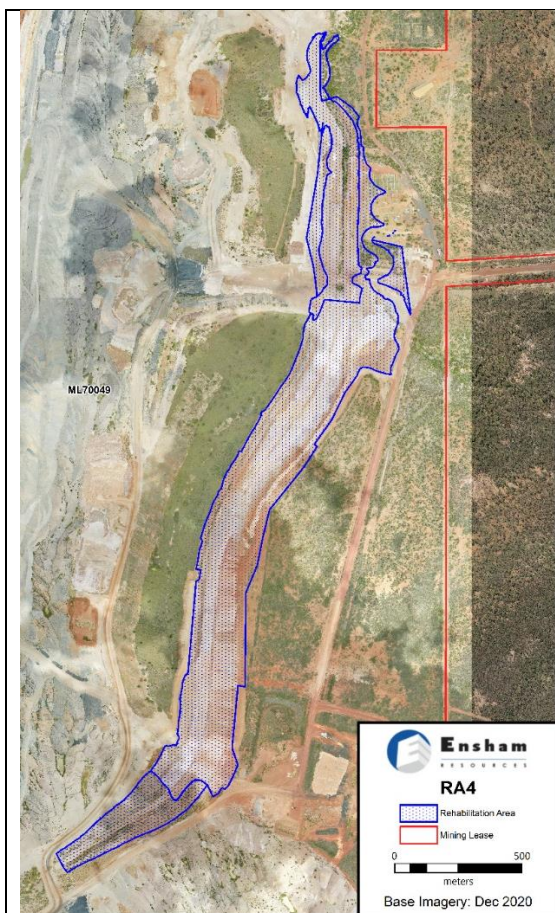


Figure 9 Current RA 4 area

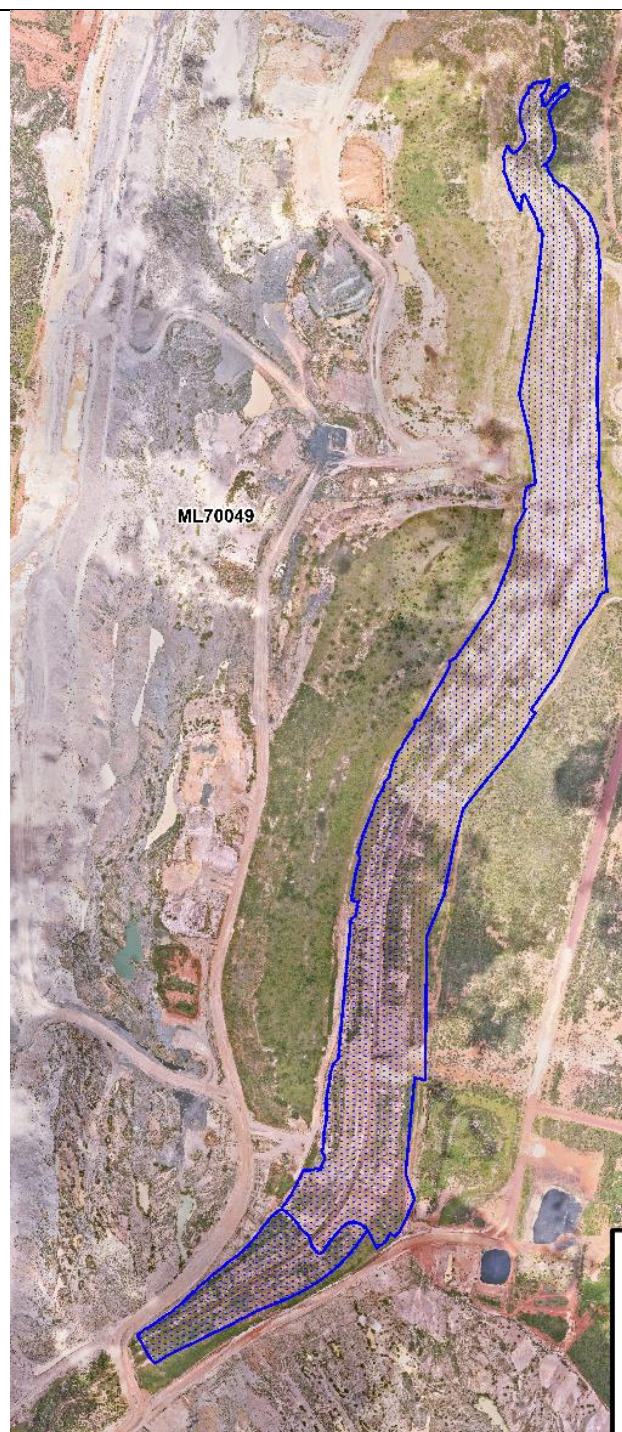


Figure 10 Proposed RA 4 area



Figure 11 Current RA 7 area



Figure 12 Proposed RA 7 area

Timeframes (due 10/12/2023)

Reference	Amendment	Current	Proposed	Justification
RA2	Amend	26.8 ha RM6	34.0 ha RM6	Area of RA2 required to achieve RM6 by 10/12/23 is increased.
RA5	Amend	161.7 ha RM3 80.5 ha RM4 80.5 ha RM5	185.9 ha RM3 104.7 ha RM4 104.7 ha RM5	The area proposed of RA6 has been added to RA5 to be completed by 10/12/23
RA6	Amend	24.2 ha RM3 24.2 ha RM4 24.2 ha RM5	0 ha	Added to RA5
RA7	Amend	9.9 ha RM4 9.9 ha RM5	4.7 ha RM4 4.7 ha RM5	Added to RA2

The total area achieving milestones by 10/12/2023 has increased. Subsequent time frames for years post 2023 have been adjusted accordingly. Note that RA5 has a two year timeframe to move from RM5 to RM6 whilst RA6 has a three year timeframe to move from RM5 to RM6. The net result will mean achieving milestones earlier.