

PRCP schedule

Environmental Protection Act 1994

PRCP schedule PRCP_EPML00651713_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_EPML00651713_V1

PRCP schedule holder(s)

Name(s)	Registered address
QMCH Pty Ltd	264 Boundary Road PARKHURST QLD 4702
QMC (Kunwarara) Pty Ltd	264 Boundary Road PARKHURST QLD 4702
QMC Refmag Pty Ltd	264 Boundary Road PARKHURST QLD 4702

Location details

Location(s)
Mining Lease (ML) 5868, ML5869, ML5870, ML80067, ML80125, ML80152

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.

Alison O'Brien

Signature

17/04/2023

Date

Alison O'Brien
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 A - Conditions of PRCP schedule

Pursuant to section 206A of the EP Act:

- it is a condition of this PRCP schedule that, in carrying out a relevant activity under the schedule, the holder must comply with a requirement stated in the environmental authority relevant to carrying out the activity.
- it is a condition of this PRCP schedule that the holder must comply with the following matters stated in the schedule -
 - (a) each rehabilitation milestone and management milestone
 - (b) when each rehabilitation milestone and management milestone is to be achieved

General conditions

- PRCP1** The holder must comply with each milestone criteria stated in the schedule.
- PRCP2** Where a milestone criterion requires any of the following, the holder must keep records of the actions taken to comply with the criterion as well as the results and provide a copy of this information to the Administering Authority on request –
- (i) certifications or assessments to be undertaken;
 - (ii) monitoring or maintenance to be carried out;
 - (iii) final design plans and/or specifications to be developed; and
 - (iv) reports such as contaminated land investigations, rehabilitation reports (including monitoring records), validation reports, Quality Assurance/Quality Control reports.
- PRCP3** Where land becomes available for rehabilitation earlier than the nominated 'Date area is available', progressive rehabilitation for that land must commence as soon as practicable. Progressive rehabilitation commenced early under this condition must be carried out in accordance with the milestones and criteria in this schedule, except that each of the dates by which milestones are to be completed is brought forward by the same amount of time as the commencement was brought forward.
- PRCP4** Disturbance due to exploration activities in areas not authorised to be mined 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* that achieves the relevant PMLU as indicated by Figure 1 Final Site Design.

*stable condition is defined by s111A of the Environmental Protection Act 1994

END OF CONDITIONS

Section B - Final site design and reference maps

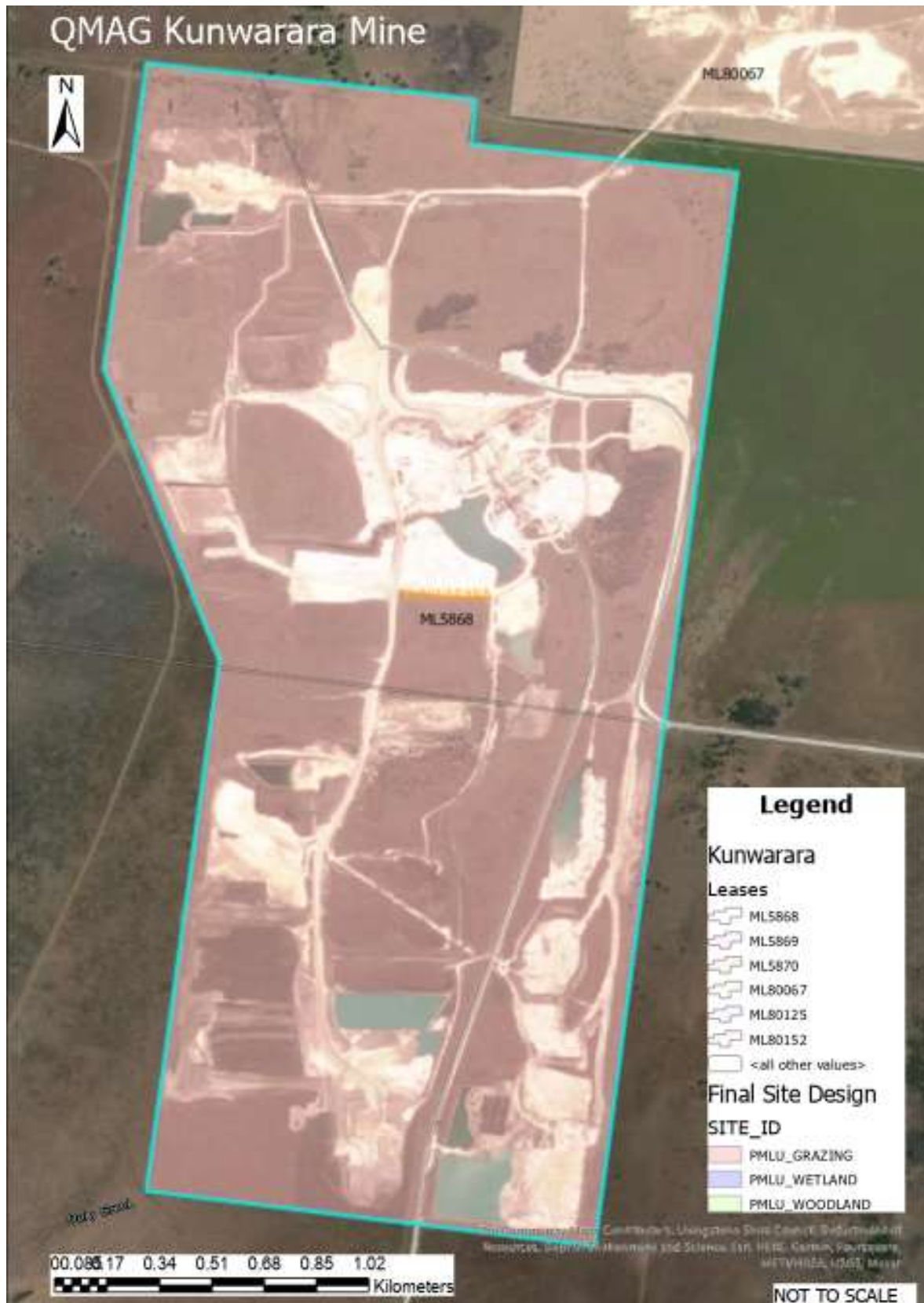


Figure 1 - Final site design ML 5868



Figure 2 - Final site design ML80067

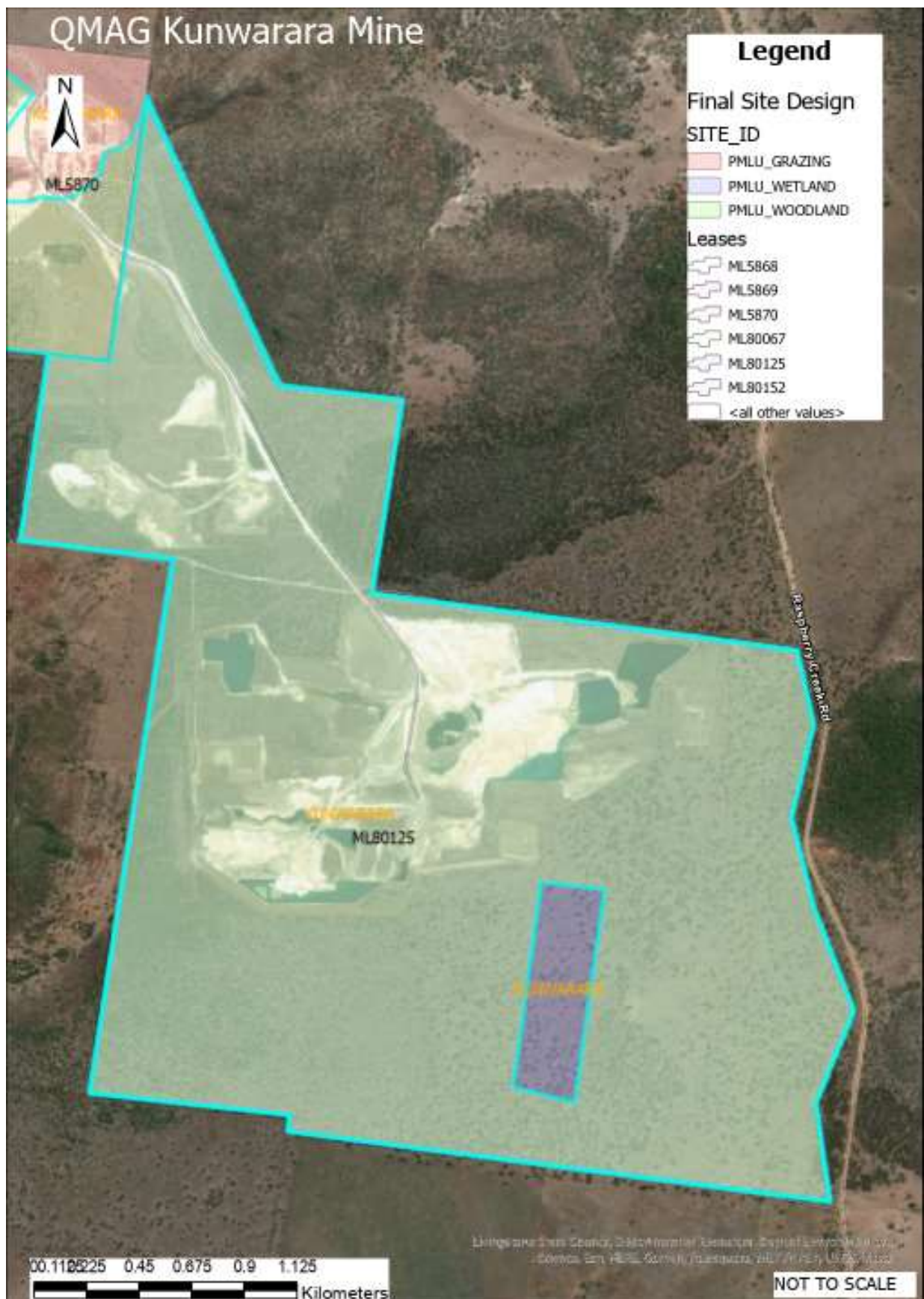


Figure 4 - Final site design ML80125

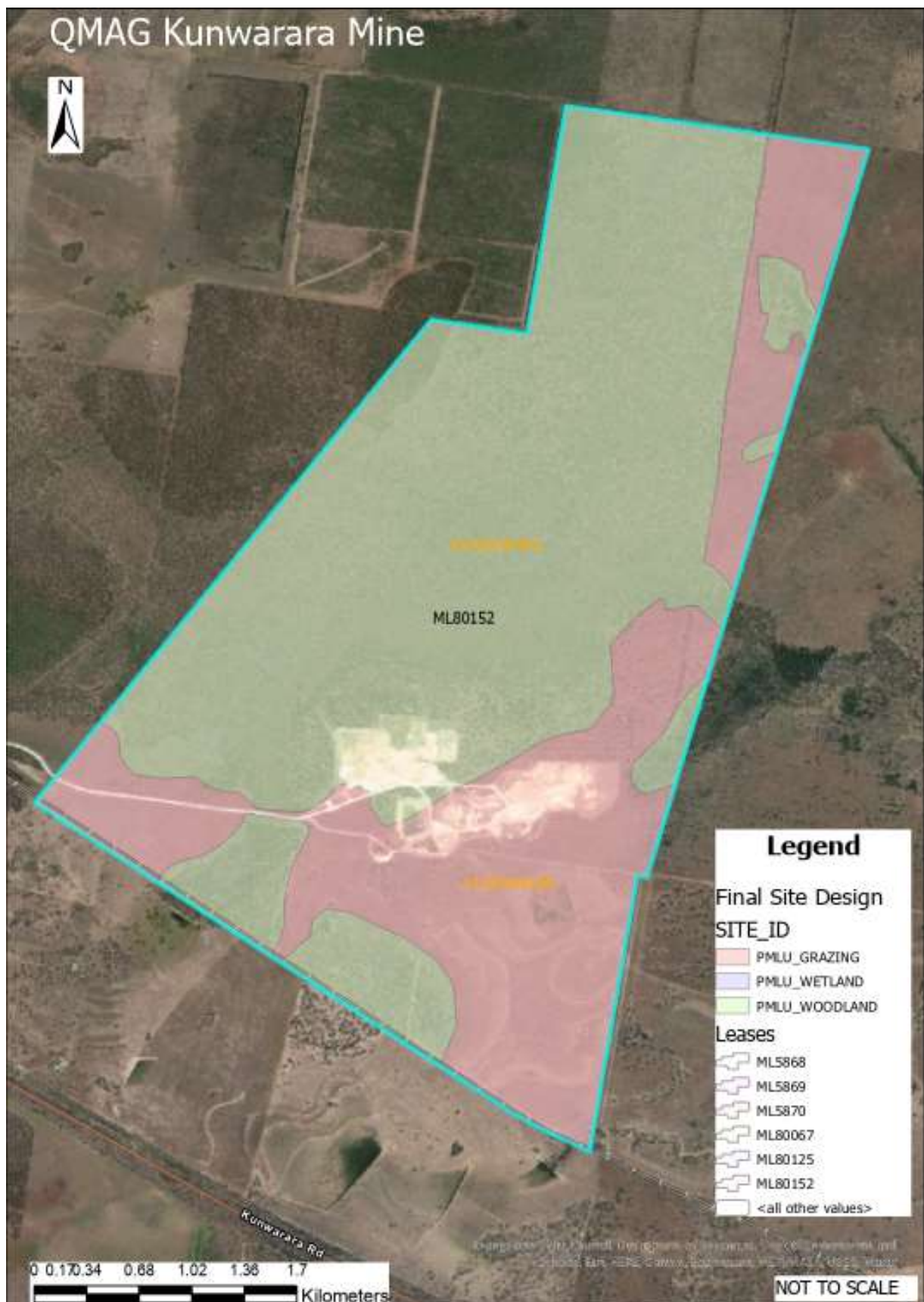


Figure 5 - Final site design ML80152



Figure 6: Final site design ML 5869

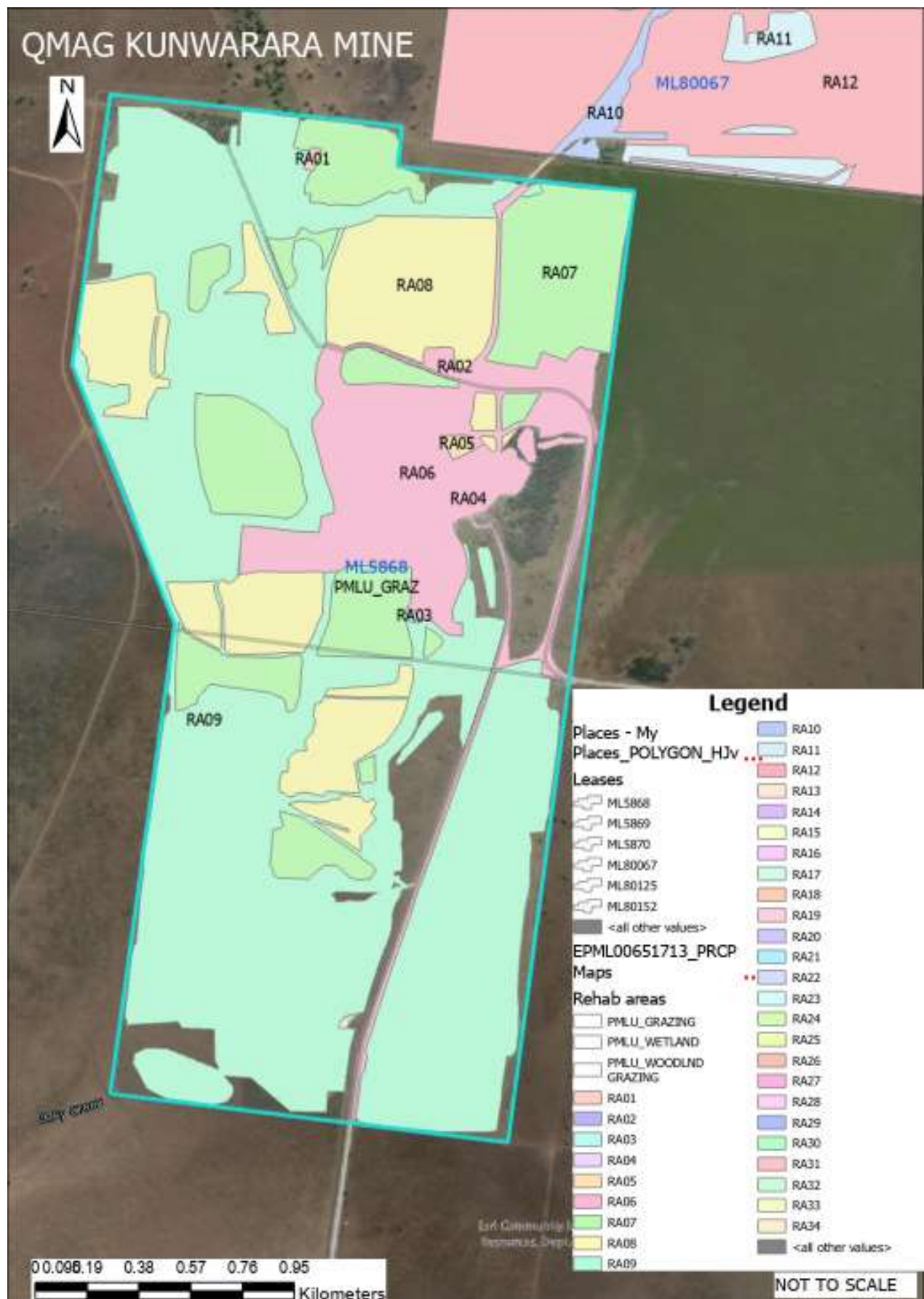


Figure 7: Reference Areas: RA-01 to RA-09 on ML 5868



Figure 8: Reference Areas: RA-10 to RA-12 on ML 80067

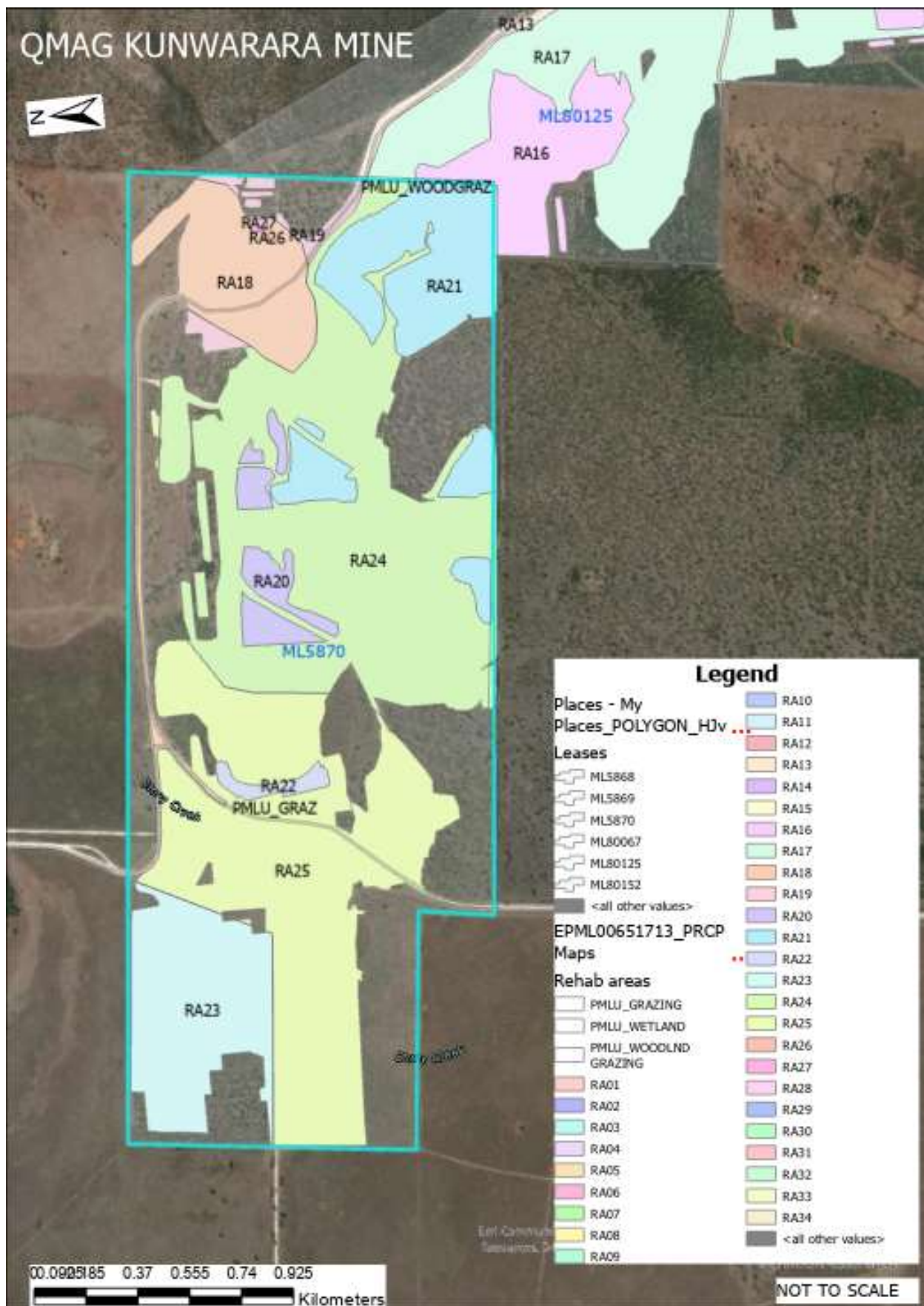


Figure 9: Reference Areas: RA-18 to RA-27 on ML 5870

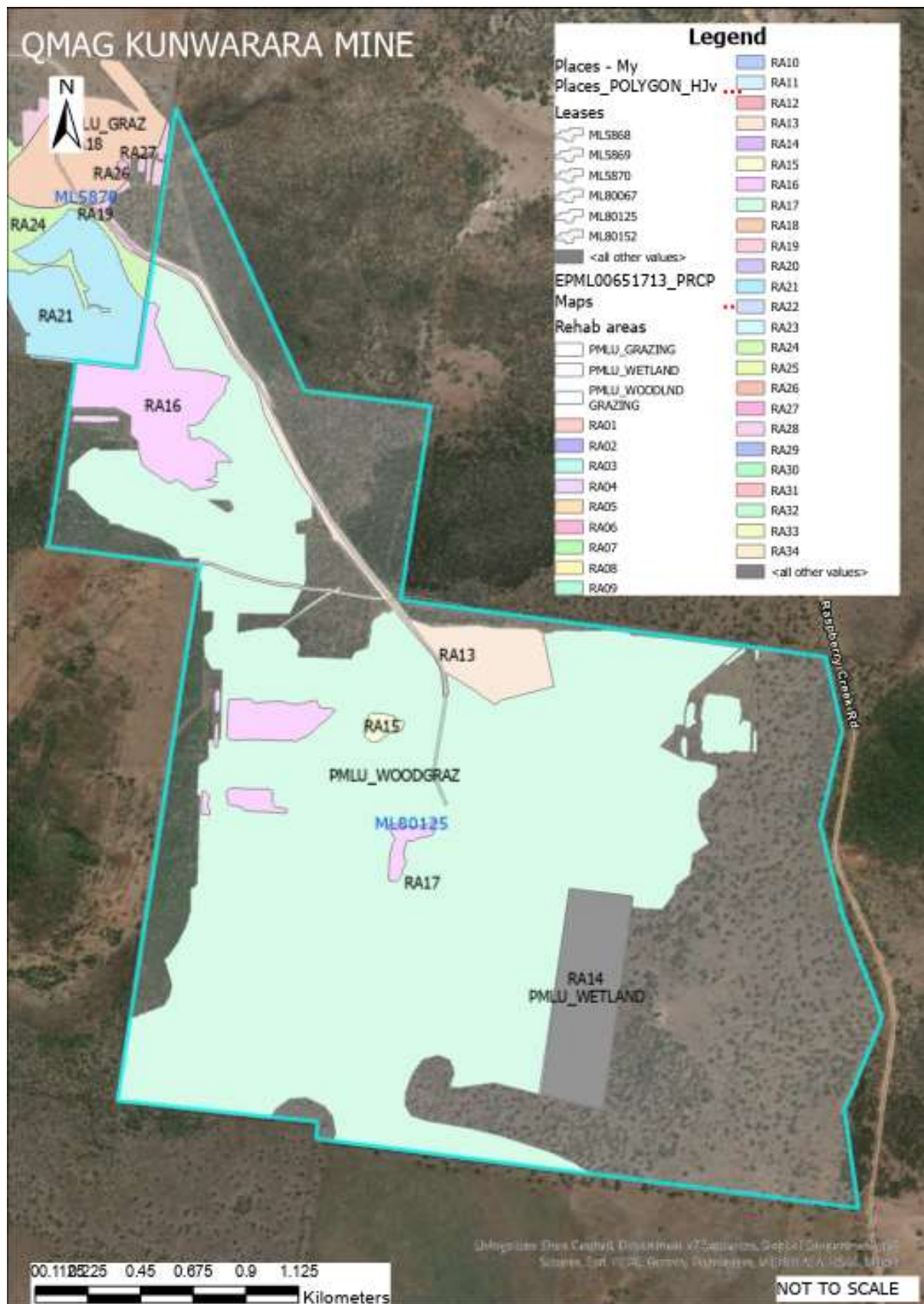


Figure 10: Reference Areas: RA-13 to RA-17 on ML 80125

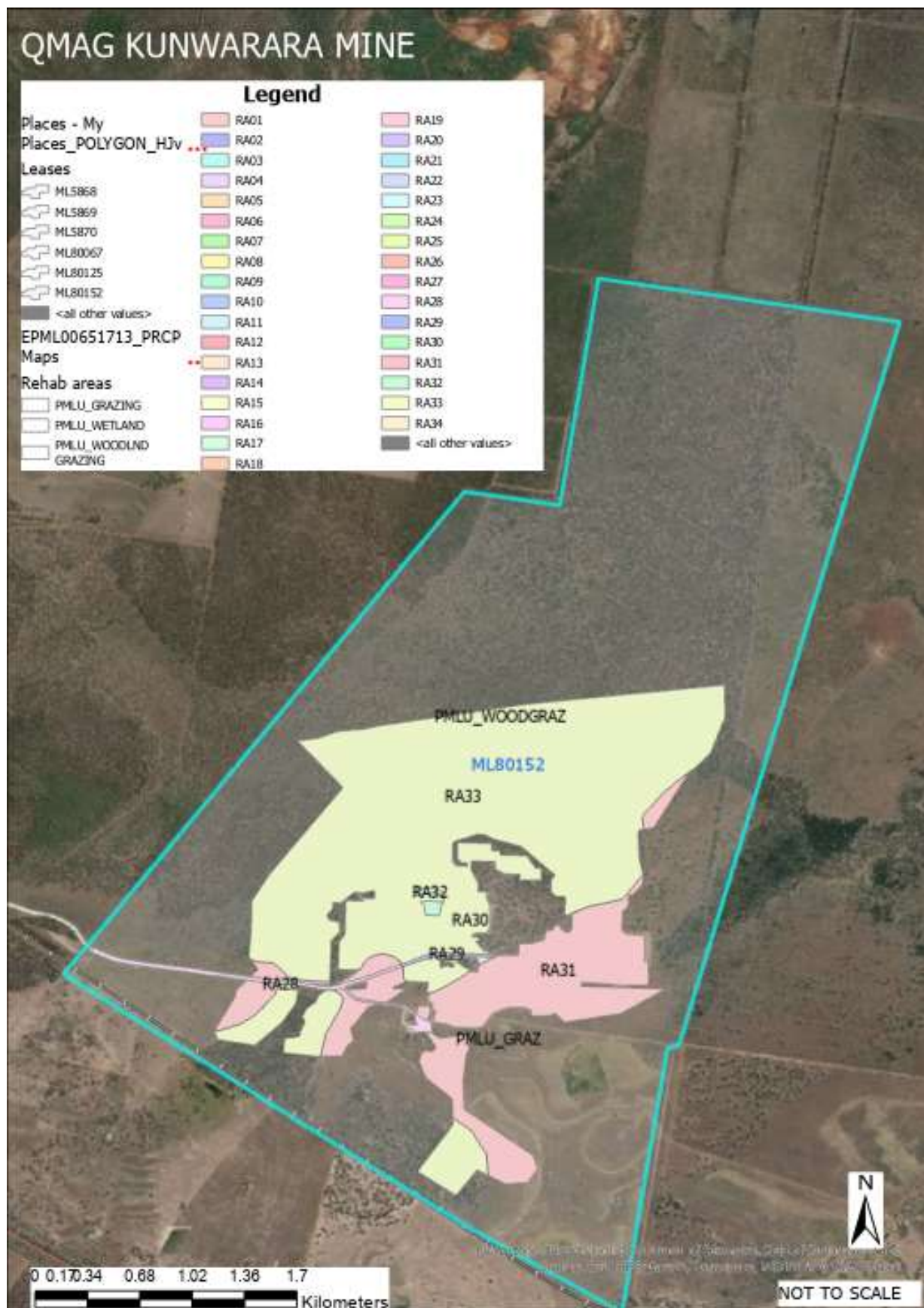


Figure 11: Reference Areas: RA-28 to RA-33 on ML 80152



Figure 12: Reference Areas: RA-34 on ML5869

Section C – Post mining land uses

(RA01) Rehabilitation area 1

Post-mining land uses (PMLU)				
Rehabilitation area	RA01			
Relevant activities	ML5868 (KG1) - KG1 Historic Steep Dip Area			
Total rehabilitation area size (ha)	0.30			
Commencement of first milestone: RM1	1/12/2044			
PMLU	Grazing			
Date area is available	1/12/2044	10/12/2046	10/12/2048	10/12/2051
Cumulative area available (ha)	0.3	0.3	0.3	0.3
Milestone completed by	10/12/2046	10/12/2048	10/12/2051	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	0.30			
RM2	0.30			
RM3	0.30			
RM5	0.30		-	-
RM7		0.30		
RM11			0.30	
RM14				0.30

(RA02) Rehabilitation area 2

Post-mining land uses (PMLU)				
Rehabilitation area	RA02			
Relevant activities	ML5868 (KG1) - KG1 Pit 10 Fuel Bay			
Total rehabilitation area size (ha)	0.04			
Commencement of first milestone: RM1	1/12/2042			
PMLU	Grazing			
Date area is available	1/12/2042	10/12/2044	10/12/2046	10/12/2049
Cumulative area available (ha)	0.04	0.04	0.04	0.04
Milestone completed by	10/12/2044	10/12/2046	10/12/2049	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	0.04			
RM2	0.04			
RM3	0.04			
RM5	0.04			
RM7		0.04		
RM11			0.04	
RM14				0.04

(RA03) Rehabilitation area 3

Post-mining land uses (PMLU)				
Rehabilitation area	RA03			
Relevant activities	ML5868 (KG1) - KG1 Landfarm			
Total rehabilitation area size (ha)	0.01			
Commencement of first milestone: RM1	1/12/2042			
PMLU	Grazing			
Date area is available	1/12/2042	10/12/2044	10/12/2046	10/12/2049
Cumulative area available (ha)	0.01	0.01	0.01	0.01
Milestone completed by	10/12/2044	10/12/2046	10/12/2049	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	0.01			
RM2	0.01			
RM3	0.01			
RM5	0.01		-	-
RM7		0.01		
RM11			0.01	
RM14				0.01

(RA04) Rehabilitation area 4

Post-mining land uses (PMLU)				
Rehabilitation area	RA04			
Relevant activities	ML5868 (KG1) - KG1 LV Fuel Pad			
Total rehabilitation area size (ha)	0.01			
Commencement of first milestone: RM1	1/12/2042			
PMLU	Grazing			
Date area is available	1/12/2042	10/12/2044	10/12/2046	10/12/2049
Cumulative area available (ha)	0.01	0.01	0.01	0.01
Milestone completed by	10/12/2044	10/12/2046	10/12/2049	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	0.01			
RM2	0.01			
RM3	0.01			
RM5	0.01		-	-
RM7		0.01		
RM11			0.01	
RM14				0.01

(RA05) Rehabilitation area 5

Post-mining land uses (PMLU)				
Rehabilitation area	RA05			
Relevant activities	ML5868 (KG1) - KG1 Workshop Area			
Total rehabilitation area size (ha)	0.7			
Commencement of first milestone: RM1	1/12/2042			
PMLU	Grazing			
Date area is available	1/12/2042	10/12/2044	10/12/2046	10/12/2049
Cumulative area available (ha)	0.7	0.7	0.7	0.7
Milestone completed by	10/12/2044	10/12/2046	10/12/2049	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	0.7			
RM2	0.7			
RM3	0.7			
RM5	0.7		-	-
RM7		0.7		
RM11			0.7	
RM14				0.7

(RA06) Rehabilitation area 6

Post-mining land uses (PMLU)				
Rehabilitation area	RA06			
Relevant activities	ML5868 (KG1) - KG1 Infrastructure			
Total rehabilitation area size (ha)	66.2			
Commencement of first milestone: RM1	1/12/2042			
PMLU	Grazing			
Date area is available	1/12/2042	10/12/2044	10/12/2046	10/12/2049
Cumulative area available (ha)	66.2	66.2	66.2	66.2
Milestone completed by	10/12/2044	10/12/2046	10/12/2049	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	66.2			
RM3	66.2			
RM5	66.2			
RM7		66.2		
RM11			66.2	
RM14				66.2

(RA07) Rehabilitation area 7

Post-mining land uses (PMLU)			
Rehabilitation area	RA07		
Relevant activities	ML5868 (KG1) - KG1 Existing Rehabilitation Unit 01		
Total rehabilitation area size (ha)	78.2		
Commencement of first milestone: RM7	1/06/2023		
PMLU	Grazing		
Date area is available	1/06/2023	10/12/2026	10/12/2029
Cumulative area available (ha)	78.2	78.2	78.2
Milestone completed by	10/12/2026	10/12/2029	10/12/2033
Milestone Reference	Cumulative area achieved (ha)		
RM7	78.2		
RM11		78.2	
RM14			78.2

(RA08) Rehabilitation area 8

Post-mining land uses (PMLU)		
Rehabilitation area	RA08	
Relevant activities	ML5868 (KG1) - KG1 Existing Rehabilitation Unit 02	
Total rehabilitation area size (ha)	68.8	
Commencement of first milestone: RM11	1/06/2023	
PMLU	Grazing	
Date area is available	1/06/2023	10/12/2025
Cumulative area available (ha)	68.8	68.8
Milestone completed by	10/12/2025	10/12/2030
Milestone Reference	Cumulative area achieved (ha)	
RM11	68.8	
RM14		68.8

(RA09) Rehabilitation area 9

Post-mining land uses (PMLU)									
Rehabilitation area	RA09								
Relevant activities	ML5868 (KG1) - KG1 Mining Pits								
Total rehabilitation area size (ha)	271.6								
Commencement of first milestone: RM3	1/07/2023								
PMLU	Grazing								
Date area is available	1/07/2023	10/12/2024	10/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2048	10/12/2052
Cumulative area available (ha)	46.8	66.4	106.4	146.4	191.4	271.6	271.6	271.6	271.6
Milestone completed by	10/12/2024	31/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2048	10/12/2052	10/12/2055
Milestone Reference	Cumulative area achieved (ha)								
RM3	46.8	66.4	106.4	146.4	191.4	271.6			
RM5	46.8	56.4	90.5	131.8	181.9	271.6			
RM7		42.2	50.8	81.4	118.6	163.7	271.6		
RM11			42.2	50.8	81.4	118.6	163.7	271.6	
RM14				42.2	50.8	81.4	118.6	163.7	271.6

(RA10) Rehabilitation area 10

Post-mining land uses (PMLU)				
Rehabilitation area	RA10			
Relevant activities	ML80067 (KG3) - KG3 Infrastructure			
Total rehabilitation area size (ha)	7.7			
Commencement of first milestone: RM1	1/12/2042			
PMLU	Grazing			
Date area is available	1/12/2042	10/12/2044	10/12/2046	10/12/2049
Cumulative area available (ha)	7.7	7.7	7.7	7.7
Milestone completed by	10/12/2044	31/12/2046	10/12/2049	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	7.7			
RM3	7.7			
RM5	7.7			
RM7		7.7		
RM11			7.7	
RM14				7.7

(RA11) Rehabilitation area 11

Post-mining land uses (PMLU)		
Rehabilitation area	RA11	
Relevant activities	ML80067 (KG3) - KG3 Existing Rehabilitation Unit 02	
Total rehabilitation area size (ha)	10.3	
Commencement of first milestone: RM11	1/06/2023	
PMLU	Grazing	
Date area is available	1/06/2023	10/12/2025
Cumulative area available (ha)	10.3	10.3
Milestone completed by	10/12/2025	10/12/2030
Milestone Reference	Cumulative area achieved (ha)	
RM11	10.3	
RM14		10.3

(RA12) Rehabilitation area 12

Post-mining land uses (PMLU)									
Rehabilitation area	RA12								
Relevant activities	ML80067 (KG3) - KG3 Mining Pits								
Total rehabilitation area size (ha)	140.9								
Commencement of first milestone: RM3	1/07/2023								
PMLU	Grazing								
Date area is available	1/07/2023	10/12/2024	10/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2048	10/12/2052
Cumulative area available (ha)	9.3	30.7	40.0	68.7	120.7	145.0	145.0	145.0	145.0
Milestone completed by	10/12/2024	10/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2048	10/12/2052	10/12/2055
Milestone Reference	Cumulative area achieved (ha)								
RM3	9.3	30.7	40.0	68.7	120.7	145.0			
RM5	9.3	24.6	32.0	54.9	96.6	145.0			
RM7		8.4	22.1	28.8	49.4	86.9	145.0		
RM11			8.4	22.1	28.8	49.4	86.9	145.0	
RM14				8.4	22.1	28.8	49.4	86.9	145.0

(RA13) Rehabilitation area 13

Post-mining land uses (PMLU)				
Rehabilitation area	RA13			
Relevant activities	ML80125 (OMS) - OMS Infrastructure			
Total rehabilitation area size (ha)	20.6			
Commencement of first milestone: RM1	1/12/2042			
PMLU	Grazing on Woodland			
Date area is available	1/12/2042	10/12/2044	10/12/2046	10/12/2049
Cumulative area available (ha)	20.6	20.6	20.6	20.6
Milestone completed by	10/12/2044	10/12/2046	10/12/2049	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	20.6			
RM3	20.6			
RM5	20.6			
RM8		20.6		
RM12			20.6	
RM15				20.6

(RA14) Rehabilitation area 14

Post-mining land uses (PMLU)			
Rehabilitation area	RA14		
Relevant activities	ML80125 (OMS) - OMS Final Pit Void		
Total rehabilitation area size (ha)	23.0		
Commencement of first milestone: RM4	30/06/2044		
PMLU	Final Pit Void		
Date area is available	30/06/2044	10/12/2046	10/12/2050
Cumulative area available (ha)	23.0	23.0	23.0
Milestone completed by	10/12/2046	10/12/2050	10/12/2053
Milestone Reference	Cumulative area achieved (ha)		
RM4	23.0		
RM6	23.0		-
RM9	23.0		
RM10	23.0		-
RM13		23.0	
RM16			23.0

(RA15) Rehabilitation area 15

Post-mining land uses (PMLU)			
Rehabilitation area	RA15		
Relevant activities	ML80125 (OMS) - OMS Existing Rehabilitation Unit 01		
Total rehabilitation area size (ha)	1.3		
Commencement of first milestone: RM8	1/06/2023		
PMLU	Grazing on Woodland		
Date area is available	1/06/2023	10/12/2025	10/12/2030
Cumulative area available (ha)	1.3	1.3	1.3
Milestone completed by	10/12/2025	10/12/2030	10/12/2032
Milestone Reference	Cumulative area achieved (ha)		
RM8	1.3		
RM12		1.3	
RM15			1.3

(RA16) Rehabilitation area 16

Post-mining land uses (PMLU)		
Rehabilitation area	RA16	
Relevant activities	ML80125 (OMS) - OMS Existing Rehabilitation Unit 02	
Total rehabilitation area size (ha)	32.2	
Commencement of first milestone: RM12	1/06/2023	
PMLU	Grazing on Woodland	
Date area is available	1/06/2023	10/12/2025
Cumulative area available (ha)	12	32.2
Milestone completed by	10/12/2025	10/12/2030
Milestone Reference	Cumulative area achieved (ha)	
RM12	32.2	
RM15		32.2

(RA17) Rehabilitation area 17

Post-mining land uses (PMLU)									
Rehabilitation area	RA17								
Relevant activities	ML80125 (OMS) - OMS Mining Pits								
Total rehabilitation area size (ha)	404.4								
Commencement of first milestone: RM3	1/07/2023								
PMLU	Grazing on Woodland								
Date area is available	1/07/2023	10/12/2024	10/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2048	10/12/2052
Cumulative area available (ha)	17.50	57.24	86.0	133.1	314.5	404.4	404.4	404.4	404.4
Milestone completed by	10/12/2024	10/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2048	10/12/2052	10/12/2055
Milestone Reference	Cumulative area achieved (ha)								
RM3	17.5	57.2	86.0	133.1	314.5	404.4			
RM5	17.5	48.7	73.1	113.1	267.3	404.4			
RM8		13.1	36.5	54.8	84.8	200.5	404.4		
RM12			13.1	36.5	54.8	84.8	200.5	404.4	
RM15				13.1	36.5	54.8	54.8	200.5	404.4

(RA18) Rehabilitation area 18

Post-mining land uses (PMLU)				
Rehabilitation area	RA18			
Relevant activities	ML5870 (KG2) - KG2 Infrastructure			
Total rehabilitation area size (ha)	26.5			
Commencement of first milestone: RM1	1/06/2044			
PMLU	Grazing			
Date area is available	1/06/2044	10/12/2045	10/12/2048	10/12/2052
Cumulative area available (ha)	26.5	26.5	26.5	26.5
Milestone completed by	10/12/2045	10/12/2048	10/12/2052	10/12/2055
Milestone Reference	Cumulative area achieved (ha)			
RM1	26.5			
RM3	26.5			
RM5	26.5			
RM7		26.5		
RM11			26.5	
RM14				26.5

(RA19) Rehabilitation area 19

Post-mining land uses (PMLU)				
Rehabilitation area	RA19			
Relevant activities	ML5870 (KG2) - KG2 Infrastructure			
Total rehabilitation area size (ha)	4.3			
Commencement of first milestone: RM1	1/06/2044			
PMLU	Grazing on Woodland			
Date area is available	1/06/2044	10/12/2045	10/12/2048	10/12/2052
Cumulative area available (ha)	4.3	4.3	4.3	4.3
Milestone completed by	10/12/2045	10/12/2048	10/12/2052	10/12/2055
Milestone Reference	Cumulative area achieved (ha)			
RM1	4.3			
RM3	4.3			
RM5	4.3			
RM8		4.3		
RM12			4.3	
RM15				4.3

(RA20) Rehabilitation area 20

Post-mining land uses (PMLU)			
Rehabilitation area	RA20		
Relevant activities	ML5870 (KG2) - KG2 Existing Rehabilitation Unit 01		
Total rehabilitation area size (ha)	8.7		
Commencement of first milestone: RM8	1/06/2023		
PMLU	Grazing on Woodland		
Date area is available	1/06/2023	10/12/2025	10/12/2030
Cumulative area available (ha)	8.7	8.7	8.7
Milestone completed by	10/12/2025	10/12/2030	10/12/2032
Milestone Reference	Cumulative area achieved (ha)		
RM8	8.7		
RM12		8.7	
RM15			8.7

(RA21) Rehabilitation area 21

Post-mining land uses (PMLU)		
Rehabilitation area	RA21	
Relevant activities	ML5870 (KG2) - KG2 Existing Rehabilitation Unit 02	
Total rehabilitation area size (ha)	34.3	
Commencement of first milestone: RM12	1/06/2023	
PMLU	Grazing on Woodland	
Date area is available	1/06/2023	10/12/2025
Cumulative area available (ha)	34.3	34.3
Milestone completed by	10/12/2025	10/12/2030
Milestone Reference	Cumulative area achieved (ha)	
RM12	34.3	
RM15		34.3

(RA22) Rehabilitation area 22

Post-mining land uses (PMLU)		
Rehabilitation area	RA22	
Relevant activities	ML5870 (KG2) - KG2 Existing Rehabilitation Unit 03	
Total rehabilitation area size (ha)	2.2	
Commencement of first milestone: RM12	1/06/2023	
PMLU	Grazing on Woodland	
Date area is available	1/06/2023	10/12/2025
Cumulative area available (ha)	2.2	2.2
Milestone completed by	10/12/2025	10/12/2030
Milestone Reference	Cumulative area achieved (ha)	
RM12	2.2	
RM15		2.2

(RA23) Rehabilitation area 23

Post-mining land uses (PMLU)							
Rehabilitation area	RA23						
Relevant activities	ML5870 (KG2) - KG2 Mining Pits						
Total rehabilitation area size (ha)	31.2						
Commencement of first milestone: RM3	1/12/2026						
PMLU	Grazing on Woodland						
Date area is available	1/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2047	10/12/2049	10/12/2053
Cumulative area available (ha)	16.1	28.4	30.7	31.2	31.2	31.2	31.2
Milestone completed by	10/12/2029	10/12/2036	10/12/2041	10/12/2047	10/12/2049	10/12/2053	10/12/2056
Milestone Reference	Cumulative area achieved (ha)						
RM3	16.1	28.4	30.7	31.2			
RM5	8.1	22.3	29.6	31.2			
RM8		6.0	16.7	22.2	31.2		
RM12			6.0	17.6	22.2	31.2	
RM15				6.0	17.6	22.2	31.2

(RA24) Rehabilitation area 24

Post-mining land uses (PMLU)								
Rehabilitation area	RA24							
Relevant activities	ML5870 (KG2) - KG2 Mining Pits							
Total rehabilitation area size (ha)	93.9							
Commencement of first milestone: RM3	1/07/2023							
PMLU	Grazing on Woodland							
Date area is available	1/07/2023	10/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2048	10/12/2052
Cumulative area available (ha)	17.6	21.6	53.3	73.3	93.9	93.9	93.9	93.9
Milestone completed by	10/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2048	10/12/2052	10/12/2055
Milestone Reference	Cumulative area achieved (ha)							
RM3	8.8	10.8	37.4	63.3	93.9			
RM5	6.6	8.1	29.9	53.8	93.9			
RM8	-	5.9	7.3	27.0	48.4	93.9		
RM12			5.9	7.3	27.0	48.4	93.9	
RM15	-			5.9	7.3	27.0	48.4	93.9

(RA25) Rehabilitation area 25

Post-mining land uses (PMLU)									
Rehabilitation area	RA25								
Relevant activities	ML5870 (KG2) - KG2 Mining Pits								
Total rehabilitation area size (ha)	81.8								
Commencement of first milestone: RM3	1/07/2023								
PMLU	Grazing on Woodland								
Date area is available	1/07/2023	10/12/2024	10/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2048	10/12/2052
Cumulative area available (ha)	2.2	20	27.9	33.7	35.3	81.8	81.8	81.8	81.8
Milestone completed by	10/12/2024	10/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2048	10/12/2052	10/12/2055
Milestone Reference	Cumulative area achieved (ha)								
RM3	2.2	20.0	27.9	33.7	35.3	81.8			
RM5	2.2	11.1	15.1	18.0	33.0	81.8			
RM8		2.2	8.3	11.3	13.5	31.4	81.8		
RM12			8.3	11.3	13.5	31.4	33.0	81.8	
RM15				8.3	11.3	13.5	31.4	33.0	81.8

(RA26) Rehabilitation area 26

Post-mining land uses (PMLU)				
Rehabilitation area	RA26			
Relevant activities	ML5870 (KG2) - KG2 Fuel Tanks			
Total rehabilitation area size (ha)	0.03			
Commencement of first milestone: RM1	1/12/2042			
PMLU	Grazing			
Date area is available	1/12/2042	10/12/2044	10/12/2046	10/12/2049
Cumulative area available (ha)	0.03	0.03	0.03	0.03
Milestone completed by	10/12/2044	10/12/2046	10/12/2049	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	0.03			
RM2	0.03			
RM3	0.03			
RM7		0.03		
RM11			0.03	
RM14				0.03

(RA27) Rehabilitation area 27

Post-mining land uses (PMLU)				
Rehabilitation area	RA27			
Relevant activities	ML5870 (KG2) - KG2 Land Farm			
Total rehabilitation area size (ha)	0.25			
Commencement of first milestone: RM1	1/12/2042			
PMLU	Grazing			
Date area is available	1/12/2042	10/12/2044	10/12/2046	10/12/2049
Cumulative area available (ha)	0.25	0.25	0.25	0.25
Milestone completed by	10/12/2044	10/12/2046	10/12/2049	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	0.25			
RM2	0.25			
RM3	0.25			
RM7		0.25		
RM11			0.25	
RM14				0.25

(RA28) Rehabilitation area 28

Post-mining land uses (PMLU)				
Rehabilitation area	RA28			
Relevant activities	ML80152 (Yaamba) - YAA Infrastructure			
Total rehabilitation area size (ha)	5.9			
Commencement of first milestone: RM1	1/12/2043			
PMLU	Grazing			
Date area is available	1/12/2043	10/12/2044	10/12/2046	10/12/2049
Cumulative area available (ha)	5.9	5.9	5.9	5.9
Milestone completed by	10/12/2044	10/12/2046	10/12/2049	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	5.9			
RM3	5.9			
RM5	5.9			
RM7		5.9		
RM11			5.9	
RM14				5.9

(RA29) Rehabilitation area 29

Post-mining land uses (PMLU)				
Rehabilitation area	RA29			
Relevant activities	ML80152 (Yaamba) - YAA Infrastructure			
Total rehabilitation area size (ha)	1.1			
Commencement of first milestone: RM1	1/12/2043			
PMLU	Grazing on Woodland			
Date area is available	1/12/2043	10/12/2044	10/12/2046	10/12/2049
Cumulative area available (ha)	1.1	1.1	1.1	1.1
Milestone completed by	10/12/2044	10/12/2046	10/12/2049	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	1.1			
RM3	1.1			
RM5	1.1			
RM8		1.1		
RM12			1.1	
RM15				1.1

(RA30) Rehabilitation area 30

Post-mining land uses (PMLU)				
Rehabilitation area	RA30			
Relevant activities	ML80152 (Yaamba) - YAA Fuel Pad			
Total rehabilitation area size (ha)	0.02			
Commencement of first milestone: RM1	1/12/2042			
PMLU	Grazing on Woodland			
Date area is available	1/12/2042	10/12/2044	10/12/2046	10/12/2049
Cumulative area available (ha)	0.03	0.03	0.03	0.03
Milestone completed by	10/12/2044	10/12/2046	10/12/2049	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	0.03			
RM2	0.03			
RM3	0.03			
RM8		0.03		
RM12			0.03	
RM15				0.03

(RA31) Rehabilitation area 31

Post-mining land uses (PMLU)								
Rehabilitation area	RA31							
Relevant activities	ML80152 (Yaamba) - YAA Mining Pits							
Total rehabilitation area size (ha)	105.0							
Commencement of first milestone: RM3	1/06/2023							
PMLU	Grazing							
Date area is available	1/06/2023	10/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2048	10/12/2051
Cumulative area available (ha)	22.9	28.2	33.7	47.3	105.0	105.0	105.0	105.0
Milestone completed by	10/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2048	10/12/2051	10/12/2055
Milestone Reference	Cumulative area achieved (ha)							
RM3	22.9	28.2	33.7	47.3	105.0			
RM5	17.2	21.2	25.3	40.2	105.0			
RM7		15.5	19.0	22.7	36.2	105.0		
RM11			15.5	19.0	22.7	36.2	105.0	
RM14				15.5	19.0	22.7	36.2	105.0

(RA32) Rehabilitation area 32

Post-mining land uses (PMLU)		
Rehabilitation area	RA32	
Relevant activities	ML80152 (Yaamba) - YAA Existing Rehabilitation Unit 01	
Total rehabilitation area size (ha)	1.6	
Commencement of first milestone: RM12	1/06/2023	
PMLU	Grazing on Woodland	
Date area is available	1/06/2023	10/12/2024
Cumulative area available (ha)	1.6	1.6
Milestone completed by	10/12/2024	10/12/2030
Milestone Reference	Cumulative area achieved (ha)	
RM12	1.6	
RM15		1.6

(RA33) Rehabilitation area 33

Post-mining land uses (PMLU)								
Rehabilitation area	RA33							
Relevant activities	ML80152 (Yaamba) - YAA Mining Pits							
Total rehabilitation area size (ha)	345.8							
Commencement of first milestone: RM3	1/06/2023							
PMLU	Grazing on Woodland							
Date area is available	1/06/2023	10/12/2024	10/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2050
Cumulative area available (ha)	3.1	16.6	77.2	153.5	268.1	345.8	345.8	345.8
Milestone completed by	10/12/2024	10/12/2026	10/12/2029	10/12/2036	10/12/2041	10/12/2046	10/12/2050	10/12/2053
Milestone Reference	Cumulative area achieved (ha)							
RM3	3.1	16.6	77.2	153.5	268.1	345.8		
RM5	3.1	14.1	65.6	130.5	227.9	345.8		
RM8		2.9	13.4	62.3	124.0	216.5	345.8	
RM12		2.9	13.4	62.3	124.0	216.5	216.5	345.8
RM15			2.9	13.4	62.3	124.0	124.0	216.5

(RA34) Rehabilitation area 34

Post-mining land uses (PMLU)				
Rehabilitation area	RA34			
Relevant activities	ML5869 (Access Road) - KG1 Access Road Turnoff			
Total rehabilitation area size (ha)	3.0			
Commencement of first milestone: RM1	1/12/2042			
PMLU	Grazing			
Date area is available	1/12/2042	10/12/2044	10/12/2046	10/12/2049
Cumulative area available (ha)	3.0	3.0	3.0	3.0
Milestone completed by	10/12/2044	10/12/2046	10/12/2049	10/12/2053
Milestone Reference	Cumulative area achieved (ha)			
RM1	3.0			
RM5	3.0			
RM7		3.0		
RM11			3.0	
RM14				3.0

Rehabilitation area milestones

Milestone reference	Rehabilitation milestone	Milestone criteria
RM1	Infrastructure decommissioning and removal	a) Rip and grade access tracks/roads b) Flush and remove above ground pipes c) Disconnect services to plant, admin and workshop areas d) Disconnect services to sewage treatment plants e) Remove HV and LV power lines f) Remove electrical substation and switchyard g) Remove buildings including offices, workshop, weighbridge, containers and sheds h) Remove concrete pads and footings i) Demolish and remove processing equipment j) Demolish and remove overhead conveyors and gantries k) Demolish and remove above ground tanks clean
RM2	Remediation of contaminated land	a) A preliminary comminated land investigation is undertaken and a report is prepared by an AQP ¹ . b) Certification from an AQP ¹ that all contaminated land has been removed and disposed of correctly c) Contaminated land investigation document has been prepared by an AQP ¹ containing a site suitability statement confirming that the land is not contaminated and is suitable for the proposed PMLU.
RM3	Landform development and reshaping/re-profiling (Excluding wetland)	a) Backfilling of mining locations to build up a suitably stable landform per post mining plan b) Landform shaped to be gently sloping with similar characteristics to the natural landform and reinstated natural drainage lines. c) All temporary infrastructure removed (piping, signage etc.) d) Major earthworks completed e) Slope of constructed landform is nominally $\leq 2\%$ and verified by an AQP ¹ .

		f) Landform is assessed as geotechnically stable by an AQP ¹ in any areas where local slope angles exceed 3°.
RM4	Landform development and reshaping/re-profiling of novel constructed wetland complex incorporating components of palustrine and lacustrine wetlands	a) Major earthworks completed b) Batter slopes meet final design specifications above and below water level as identified in section 6.4, appendix I, Void Management Plan, of the PRC plan. c) Mix of shallow & slightly steeper batters d) The final landform slope is nominally $\leq 2\%$ and verified by an AQP ¹ . e) No active rill, gully or sheet erosion ³ is visible within the rehabilitation area five years after commencing rehabilitation f) Landform is assessed as geotechnically stable by an AQP ¹ in any areas where local slope angles exceed 3°.
RM5	Surface preparation/ Installation of cover system / cap (Excluding wetland)	a) Surface areas are prepared by ripping, contouring and scarifying to minimise soil loss and encourage rain infiltration and vegetation uptake. b) Subsoil placed on final landform to an average depth of 400mm c) Topsoil placed on subsoil to an average depth of 150mm
RM6	Surface preparation (Novel constructed wetland complex incorporating components of palustrine wetlands - Fringing Terrestrial)	a) Topsoil placed at a depth of ≥ 50 mm on designated slopes b) Mulch installed on exposed batter where required c) Fencing / barriers installed
RM7	Revegetation (Grazing)	a) Initial revegetation campaign to seed target species (as per Rehabilitation Plan) at a rate of 2-3 kg/ha b) Plant tube stock at a rate of 20 stems/hectare of target species (as per Rehabilitation Plan) c) Timing of seeding to align with wet weather (usually October/November) to coincide with elevated levels of surface soil moisture d) Seed to be sown at no more than 1 cm depth (45 mm for clay soils), seeds to be raked in following seed broadcasting e) Firebreak maintained along edge of mining lease until rehabilitation is complete
RM8	Revegetation (Grazing on woodland)	a) Initial revegetation campaign to seed target species (as per Rehabilitation Plan) at a rate of 2-3 kg/ha, for pasture condition suitable for a level of rangeland grazing b) Plant tube stock at a rate of 200 stems/hectare of target tree species for 11.3.26, 11.3.38, 11.3.38a, 11.11.7, 11.11.21 and 11.12.1 (as per Rehabilitation Plan)

		c) Firebreak established and maintained along edge of mining lease until rehabilitation is complete
RM9	Revegetation (Novel constructed wetland complex incorporating components of palustrine and lacustrine wetlands - Fringing Terrestrial)	a) Initial revegetation campaign to seed target species (as per Rehabilitation Plan) at a rate of 2-3 kg/ha to establish sustainable grasslands b) Plant tube stock of terrestrial plant species as per Rehabilitation Plan, at a rate of 200 stems/hectare
RM10	Revegetation (Novel constructed wetland complex incorporating components of a lacustrine wetlands - Waterbody)	a) Plant water plant target species as per Rehabilitation Plan b) Planting of macrophytes to align with wet season and wetland being inundated by water
RM11	Achievement of surface requirements (Grazing)	a) Pasture condition: i) The proportion (%) of desirable palatable plant species at least 46 (Analogous site ² range 46.2 to 55.6); ii) Ground cover (total cover %) at least 94 (Analogous site ² range 94 to 97); iii) The proportion of non-palatable species is no more than 43 (Analogous site ² range 42.9 to 53.8); and iv) Evidence of soil degradation or erosion ³ are absent or rare (+/-) b) Analytical report & statistical analysis demonstrate soil & foliage chemical profiles fall within the range across analogue sites ² (AQP ¹ reports) c) Rehabilitation site species richness at least 7 (Analogous site ² range 7 to 18) d) Ground cover biomass (t/ha dry weight) at least 4 (Analogous site ² range 4 to 8) e) Foliage protection cover (FPC) (%) at least 53 (Analogous site ² range 53 to 88) f) Invertebrate trophic structure & food chain as well as respective order richness & abundance equivalent to those in analogue sites ² (AQP ¹ reports) g) Erosion gullies are ≤0.3 m deep h) Weed species in densities less than or equal to those found in analogue sites ² i) Surface water quality from the area complies with the following: i) pH between 6.5-9.0 ii) Electrical conductivity 1000 µS/cm Notes: All metrics are sensitive to season and climatic conditions. Assessment should be undertaken in late summer.
RM12	Achievement of surface requirements (Grazing on woodland)	a) Rehabilitation site species richness at least 12 (Analogue sites ² range 12-43) b) Rehabilitation site canopy cover at least 46% (Analogue site ² range 45.7 to

		70.1) c) Rehabilitation site u/s FPC at least 28% (Analogue site² range 28 to 70) d) Rehabilitation site ground storey biomass at least 1 t/ha dry wt (Analogue site² range 1 to 4.2) e) Rehabilitation site canopy height > 1.6m (Analogue site² range 16.1 to 21) f) Rehabilitation site total canopy cover > 26.2% (Analogue site² range 26.2 to 34.7) g) Technical report by an AQP¹ demonstrating plant community persistence without management, & demonstrating seasonal changes in cover & productivity in the same patterns & timeframe as occurring among analogue sites² (AQP¹ report) h) Weed species in densities less than or equal to those found in analogue sites² i) Pasture condition: i) The proportion (%) of desirable palatable plant species at least 14 (Analogue site² range 14 to 31); ii) Ground cover (total cover) at least 81% (Analogue site² range 81 to 100); iii) The proportion (%) of non-palatable species is no more than 69 (Rehabilitation site² range 69.2 to 90); and iv) Evidence of soil degradation or erosion³ are absent or rare (+/-) j) Analytical report by an AQP¹ & statistical analysis demonstrate soil & foliage chemical profiles fall within the range across analogue sites² k) Erosion gullies are ≤0.3 m deep l) Surface water quality from the area complies with the following: i) pH between 6.5-9.0 ii) Electrical conductivity 1000 µS/cm Notes: All metrics are sensitive to season and climatic conditions. Assessment should be undertaken in late summer.
RM13	Achievement of surface requirements (Novel constructed wetland complex incorporating components of palustrine and lacustrine wetlands)	a) Ramp & batters to surface water level in mining void b) 3m bench between top of ore zone and overburden in void c) No active areas of gully erosion³ and drainage follows appropriate drainage path d) Seasonal flooding and water flow incorporated into the void e) Fencing of 2 m high erected around the perimeter of the residual void f) Groundwater quality complies with the following:

		i) pH between 6.0 - 9.5 ii) Electrical conductivity maximum of 3500 $\mu\text{S}/\text{cm}$ g) Technical report by an AQP¹ demonstrating the abundance and structure incorporate presence of birds (waders & aquatic), frogs, fish, invertebrates, macrophytes reflective of a wetland with the following: i) Low rises vegetated with shrubs and low trees. This unit will be above the surrounding floodplain; ii) Flooded grasslands. This unit will lie within the floodplain and slope gradually towards the permanent water body. It is inundated during wetland flows; iii) Seasonally inundated mud flats/herblands. This unit lies downslope of the flooded grasslands. This unit is inundated at the void high water level and is exposed gradually after the wet as the dry season develops; iv) Shallow aquatic fringe. This element is inundated for extended periods of time and supports shallow-water emergent aquatic vegetation; v) Permanent water with submerged and floating aquatic vegetation as identified in species list, table 12 of appendix G of the PRC plan. vi) Macrophyte zone achieve a stable vegetation cover at a minimum of 80% h) Macrophyte zone shows no evidence of invasive weeds
RM14	Achievement of post-mining land use to stable condition (Grazing)	a) Pasture condition falls within the range occurring among analogous sites² b) Soil & foliage nutrient content within the range occurring among analogous sites² c) Plant assemblage parameters maintained for at least 5 years without management intervention d) Species richness, FPC, ground-cover biomass falls within the range occurring among analogous sites² e) Complex invertebrate assemblage present f) Surface water flows are maintained and water quality from the area complies with the following: i) pH between 6.5-9.0 ii) Electrical conductivity 1000 $\mu\text{S}/\text{cm}$ g) Groundwater quality complies with the following: i) pH between 6.0 - 9.5 ii) Electrical conductivity maximum of 3500 $\mu\text{S}/\text{cm}$

		h) Certification by AQP¹ of achievement of pasture condition suitable for cattle grazing i) Certification by an AQP¹ that weed and pest species are in densities no greater than at analogue sites². j) Stocking rates in rehabilitated areas of 1 beast per 2 ha – adjusted for climatic cycles on same basis as neighbouring properties. k) Cattle grazing trials demonstrate similar growth rates from cattle on rehabilitated land.
RM15	Achievement of post-mining land use to stable condition (Grazing on Woodland)	a) Species composition & richness, overstory and understory cover, ground biomass, fall within the range among analogous sites²; b) Canopy height $\geq$ 70% of that among analogous sites²; c) Canopy total cover $\geq$ 50% of that among analogous sites²; d) Canopy species equivalent to those in analogous site² canopies; e) Plant assemblage persists without management intervention for $\geq$ five years & phenological change is similar to that seen among analogous sites²; f) Technical report by an AQP¹ demonstrating the abundance, trophic structure and food chain of the invertebrate assemblages at rehabilitation sites and its consistency with assemblages among the analogue sites² in the same season; g) Pasture condition falls within the range occurring among analogous sites² h) Certification by AQP¹ of achievement of self sustaining native ecosystem meeting criteria for classification as remnant vegetation for RE's 11.3.26, 11.3.38, 11.3.38a, 11.11.7, 11.11.21 and 11.12.1 as per the Rehabilitation Plan i) Surface water quality from the area complies with the following: i) pH between 6.5-9.0 ii) Electrical conductivity 1000 μS/cm j) Groundwater quality complies with the following: i) pH between 6.0 - 9.5 ii) Electrical conductivity maximum of 3500 μS/cm k) Certification by AQP¹ of achievement of pasture condition suitable for a level of rangeland grazing l) Certification by an AQP¹ that weed and pest species are in densities no greater than at analogue sites². m) Evidence of natural recruitment of woodland species in particular <i>E. tereticornis</i> and <i>Stachhouisia tryonii</i> and other species associated with ERE 11.3.38.

RM16	Achievement of post-mining land use to stable condition (Novel constructed wetland complex incorporating components of palustrine and lacustrine wetlands)	a) Certification from an AQP¹ that the area has achieved stable condition b) Certification from an AQP¹ that ground water is incorporated into the wetland system and that there is a connectivity and exchange between systems c) Maximum erosion rate of <5 t/ha/yr d) Certification from an AQP¹ that wetland complex incorporates broader seasonal flooding and demonstrates a connectivity and exchange with Herbert Creek e) Surface water quality from the area complies with the following: i) pH between 6.5-9.0 ii) Electrical conductivity 1000 µS/cm f) Groundwater quality complies with the following: i) pH between 6.0 - 9.5 ii) Electrical conductivity maximum of 3500 µS/cm g) Certification by an AQP¹ that presence of birds (waders & aquatic), frogs, fish, phytoplankton, aquatic invertebrates, aquatic and semi-aquatic macrophytes meets the components of a self sustaining wetland ecosystem incorporating components of palustrine and lacustrine wetlands h) Certification by an AQP¹ that fences are structurally sound and able to withstand flood events i) Certification by an AQP¹ that weed and pest species in terrestrial areas are in densities no greater than at analogue sites² J) Certification by an AQP¹ macrophyte zone is free of weed and pest species including but not limited to invasive species.
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Footnotes:

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

2. Analogue Sites

QMAG Location	Site ID	Analogues site type	Latitude	longitude
KG1	AP-4	Pasture	-22.894178	150.179726
	AP-4b	Pasture	-22.90081	150.18515
KG1	AP5	Pasture	-22.89082	150.1877
KG2	AP-7	Pasture	-22.924277	150.228478

	AW-8	Woodland	-22.9202	150.24956
KG2	AW-21	Woodland	-22.92527	150.24541
OMS	AW16	Woodland	-22.952918	150.257564
	AW17	Woodland	-22.940118	150.272879
	AW-17b	Woodland	-22.939915	150.27576
Yamba	AW-18	Woodland	-23.086631	150.30263
	AW-19	Woodland	-23.061236	150.318187
Yamba	AW-20	Woodland	-23.045186	150.324152

3. Erosion classification

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

END OF **PRCP** SCHEDULE