PRCP schedule P-PRCP-100948762

Environmental Protection Act 1994

Final PRCP Schedule

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

PRCP schedule: P-PRCP-100948762_V3

PRCP schedule holder(s)

Name(s)	Registered address
Stanmore SMC Pty Ltd	Level 32, 12 Creek Street Brisbane City QLD 4000 Australia

Location details

Location(s)
ML70131 and ML4750

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.

	22 July 2026
Signature	Date

Alisha Stewart
Department of the Environment, Tourism, Science and Innovation
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 – Definitions
- Section C – Final site design and reference maps
- Section D – Post mining land uses
- Section E – Rehabilitation area milestones
- Section F – 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 All mining disturbance authorised under environmental authority EPML00712313 must have an associated rehabilitation outcome provided in this PRCP schedule.

PRCP2 The holder must, for each rehabilitation and improvement area, achieve the corresponding rehabilitation or management milestone criterion (milestone reference):

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

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

PRCP3 Where an area achieves a rehabilitation or management milestone, it must continue to comply with the criteria for that milestone until the next milestone is approved. For the final rehabilitation or management milestone, compliance with the criteria for the final milestone must be maintained until the area is progressively certified in accordance with the EP Act requirements or the area is surrendered.

PRCP4 The holder must keep up to date records in relation to relevant matters until the relevant environmental authority has been surrendered, and must provide such records to the administering authority on request. Relevant matters for this condition include, but are not necessarily limited to, the following:

(a) rehabilitation, maintenance and monitoring activities, and the results of these activities;

(b) designs, drawings, specifications or any similar documents required under this schedule;

(c) certifications, assessments, investigations, inspections, audits or any similar processes required under this schedule.

PRCP5 Disturbance due to exploration in areas not planned to be mined and not within a Rehabilitation Area in this schedule must be rehabilitated in accordance with the provisions detailed in the '*Eligibility criteria and standard conditions for exploration and mineral development projects'* or its successor, with the exception that land must be rehabilitated to a stable condition which includes achieving the relevant post mining land use for the disturbance location as detailed in **Figure 1 – Final Site Design**.

PRCP6 Closure groundwater and water balance model predictions must be rerun if there is a change to the final landform design that would affect the model predictions and requires an amendment to this schedule, and at the last management milestone in this schedule.

PRCP7 Groundwater quality must be monitored quarterly at, but not limited to, compliance bores specified in **Appendix 10: Groundwater monitoring points**, for all quality characteristics listed

in **Appendix 11: Groundwater quality characteristics and limits**. Monitoring must occur for a minimum of five consecutive years, including the five-year period immediately prior to surrender.

PRCP8 Groundwater levels at the compliance bores specified in in **Appendix 10: Groundwater monitoring points** must not exceed a drawdown of 2m from end-of-mining groundwater levels (excluding changes from pumping of licensed bores) within the five-year period immediately prior to surrender.

PRCP9 Groundwater quality at the compliance bores must not exceed the limits specified in **Appendix 11: Groundwater quality characteristics and limits** for three consecutive sampling results within the five-year period immediately prior to surrender.

PRCP10 Surface water quality must be monitored monthly during natural flow events at, but not limited to, the locations specified in **Appendix 8: Receiving waters upstream and downstream monitoring points**, for all quality characteristics listed in **Appendix 9: Surface water quality characteristics and limits**. Monitoring must occur for a minimum of five consecutive years, including the five-year period immediately prior to surrender.

PRCP11 Surface water quality at downstream sites must not exceed the limits specified in **Appendix 9: Surface water quality characteristics and limits** within the five-year period immediately prior to surrender, unless the downstream result is equal to or less than the corresponding result measured at the applicable upstream site.

END OF CONDITIONS

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.

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) or later versions thereof.

Growth media means all soil and soil-like material that will support the final vegetation cover. This includes the topsoil and subsoil where these materials are applied independently. Where the topsoil is incorporated into the underlying subsoil/spoil, topsoil refers to the depth of incorporation and the remaining depth is regarded as subsoil. The total depth of growth media is nominally considered to be the effective plant root zone.

Gully means a channel greater than 0.3m in depth which has been excavated by water.

Stable (in relation to land) means that the landform dimensions are now and will continue to be stable within tolerable limits 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 has the meaning in section 111A of the *Environmental Protection Act 1994*.

Suitably qualified person (SQP), for performing a regulatory function under chapter 7, part 8 (Contaminated Land) of the *Environmental Protection Act 1994* or another function prescribed under a regulation, means a person who:

a) has qualifications and experience relevant to performing the function; and
b) if a regulation prescribes an organisation for this paragraph—is a member of the organisation.

Vegetative groundcover means plants, plant litter, tree leaf litter, twigs and woody debris capable of protecting the soil surface from erosion.

Section C - Final site design and reference maps

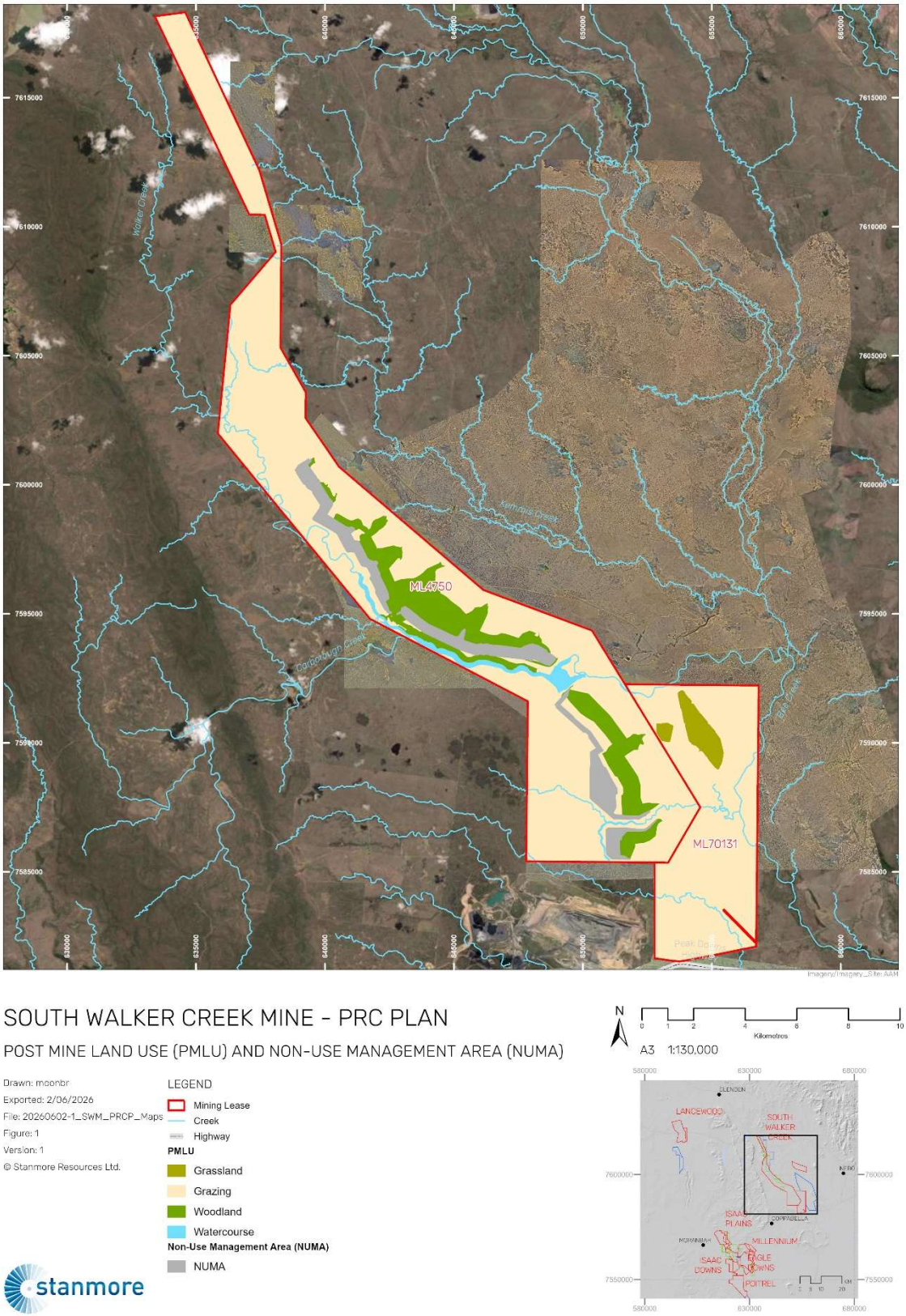


Figure 1 – Final Site Design

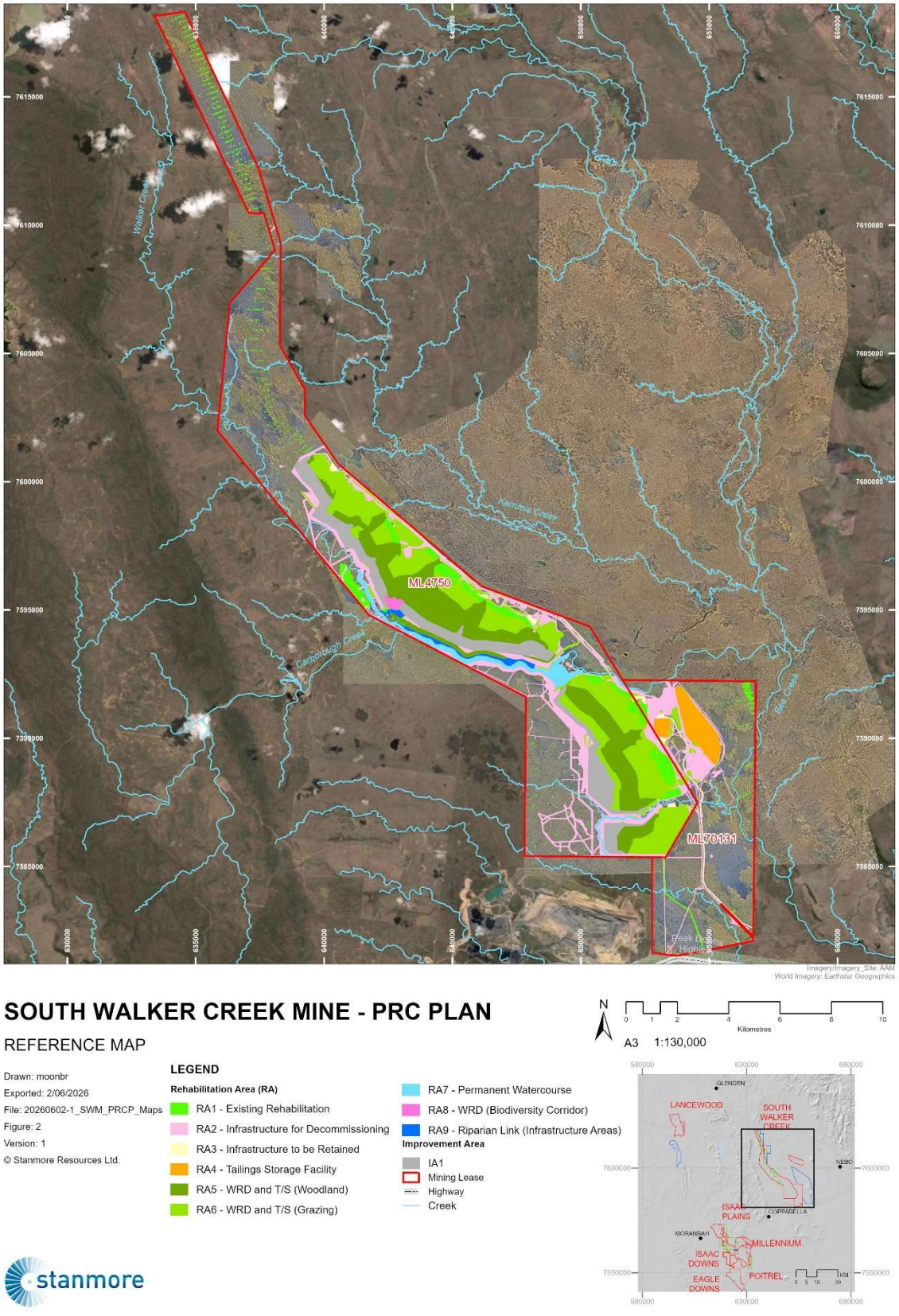


Figure 2 – Rehabilitation Areas

Section D – Post mining land uses

(RA1) Rehabilitation area 1

Post-mining land uses (PMLU)									
Rehabilitation area	RA1								
Relevant activities	Existing Rehabilitation								
Total rehabilitation area size (ha)	505.7								
Commencement of first milestone: RM7	10/12/2026								
PMLU	Grazing								
Date area is available	10/12/2026	10/12/2030	10/12/2035	10/12/2040					
Cumulative area available (ha)	254.9	505.7	505.7	505.7					
Milestone completed by	10/12/2030	10/12/2035	10/12/2040	10/12/2045					
Milestone Reference	**Cumulative area achieved (ha)**								
RM7	254.9	505.7	505.7						
RM8			254.9	505.7					

(RA2) Rehabilitation area 2

Post-mining land uses (PMLU)													
Rehabilitation area	RA2												
Relevant activities	Infrastructure for Decommissioning												
Total rehabilitation area size (ha)	1488.5												
Commencement of first milestone: RM1	10/12/2028												
PMLU	Grazing												
Date area is available	10/12/2030	10/12/2035	10/12/2040	10/12/2045	10/12/2050	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075	10/12/2080	10/12/2085	10/12/2090
Cumulative area available (ha)	69.2	75.1	151.3	163.4	782.0	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5	1488.5
Milestone completed by	10/12/2035	10/12/2040	10/12/2045	10/12/2050	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075	10/12/2080	10/12/2085	10/12/2090	10/12/2095
Milestone Reference	**Cumulative area achieved (ha)**												
RM1	69.2	75.1	151.3	163.4	782.0	1488.5							
RM2		69.2	75.1	151.3	163.4	782.0	1488.5						
RM3			69.2	75.1	151.3	163.4	782.0	1488.5					
RM5			69.2	69.2	137.9	151.3	764.8	912.3	1488.5				
RM6				69.2	75.1	151.3	163.4	782.0	1422.9	1488.5			
RM7						69.2	75.1	151.3	163.4	782.0	1488.5	1488.5	
RM8								69.2	75.1	151.3	163.4	782.0	1488.5

(RA3) Rehabilitation area 3

Rehabilitation area							RA3					
Relevant activities							Infrastructure to be Retained					
Total rehabilitation area size (ha)							63.3					
Commencement of first milestone: RM1							10/12/2035					
PMLU							Grazing					
Date area is available	10/12/2035	10/12/2040	10/12/2045	10/12/2050	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075	10/12/2080	10/12/2085	10/12/2090
Cumulative area available (ha)	12.3	30.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
Milestone completed by	10/12/2040	10/12/2045	10/12/2050	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075	10/12/2080	10/12/2085	10/12/2090	10/12/2095
Milestone Reference	**Cumulative area achieved (ha)**											
RM1	12.3	12.3	12.3	30.1	63.3							
RM2		12.3	12.3	12.3	30.1	63.3						
RM3			12.3	12.3	12.3	30.1	63.3					
RM5				12.3	12.3	12.3	41.6	63.3				
RM6				12.3	12.3	12.3	30.1	63.3				
RM7						12.3	12.3	12.3	30.1	63.3		
RM8								12.3	12.3	12.3	30.1	63.3

(RA4) Rehabilitation area 4

Post-mining land uses (PMLU)									
Rehabilitation area	RA4								
Relevant activities	Tailings Storage Facilities								
Total rehabilitation area size (ha)	259.0								
Commencement of first milestone: RM1	10/12/2047								
PMLU	Grassland								
Date area is available	10/12/2050	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075	10/12/2080	10/12/2085	10/12/2090
Cumulative area available (ha)	259.0	259.0	259.0	259.0	259.0	259.0	259.0	259.0	259.0
Milestone completed by	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075	10/12/2080	10/12/2085	10/12/2090	10/12/2095
Milestone Reference	**Cumulative area achieved (ha)**								
RM1	259.0								
RM2		259.0							
RM4			259.0	259.0					
RM5				259.0					
RM6					259.0				
RM7						259.0	259.0		
RM8								259.0	259.0

(RA5) Rehabilitation area 5

Post-mining land uses (PMLU)											
Rehabilitation area	RA5										
Relevant activities	Waste Rock Dumps and Topsoil Dumps										
Total rehabilitation area size (ha)	1508.0										
Commencement of first milestone: RM3	10/12/2035										
PMLU	Woodland										
Date area is available	10/12/2035	10/12/2040	10/12/2045	10/12/2050	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075	10/12/2080	10/12/2085
Cumulative area available (ha)	150.0	452.3	916.8	1269.3	1457.0	1508.0	1508.0	1508.0	1508.0	1508.0	1508.0
Milestone completed by	10/12/2040	10/12/2045	10/12/2050	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075	10/12/2080	10/12/2085	10/12/2090
Milestone Reference	**Cumulative area achieved (ha)**										
RM3	150.0	452.3	916.8	1269.3	1457.0						
RM5	82.9	293.6	707.4	1060.9	1269.3	1508.0					
RM6		150.0	452.3	916.8	1269.3	1400.9	1508.0				
RM7				150.0	452.3	916.8	1269.3	1508.0	1508.0	1508.0	
RM8							150.0	452.3	916.8	1269.3	1508.0

(RA6) Rehabilitation area 6

Post-mining land uses (PMLU)											
Rehabilitation area	RA6										
Relevant activities	Waste Rock Dumps and Topsoil Dumps										
Total rehabilitation area size (ha)	1744.5										
Commencement of first milestone: RM3	10/12/2026										
PMLU	Grazing										
Date area is available	10/12/2026	10/12/2030	10/12/2035	10/12/2040	10/12/2045	10/12/2050	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075
Cumulative area available (ha)	125.0	685.0	980.0	1150.0	1637.6	1637.6	1687.4	1744.5	1744.5	1744.5	1744.5
Milestone completed by	10/12/2030	10/12/2035	10/12/2040	10/12/2045	10/12/2050	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075	10/12/2080
Milestone Reference	**Cumulative area achieved (ha)**										
RM3	125.0	685.0	980.0	1150.0	1637.6						
RM5		125.0	685.0	980.0	1150.0	1637.6	1687.4				
RM6		125.0	685.0	980.0	1150.0	1637.6	1687.4	1744.5			
RM7				125.0	685.0	980.0	1150.0	1637.6	1744.5	1744.5	
RM8					125.0	685.0	980.0	1150.0	1637.6	1687.4	1744.5

(RA7) Rehabilitation area 7

Post-mining land uses (PMLU)						
Rehabilitation area				RA7		
Relevant activities				Creek Diversion		
Total rehabilitation area size (ha)				249.1		
Commencement of first milestone: RM3				10/12/2027		
PMLU				Watercourse / Riparian vegetation		
Date area is available	10/12/2027	10/12/2035	10/12/2040	10/12/2045	10/12/2050	10/12/2055
Cumulative area available (ha)	20	229.1	249.1	249.1	249.1	249.1
Milestone completed by	10/12/2035	10/12/2040	10/12/2045	10/12/2050	10/12/2055	10/12/2060
Milestone Reference	**Cumulative area achieved (ha)**					
RM3	20					
RM5	**20**					
RM6	20					
RM7		229.1	249.1	249.1		
RM8					249.1	

(RA8) Rehabilitation area 8

Post-mining land uses (PMLU)							
Rehabilitation area				RA8			
Relevant activities				Waste Rock Dumps (Biodiversity Bridge)			
Total rehabilitation area size (ha)				23.6			
Commencement of first milestone: RM3				10/12/2045			
PMLU				Woodland			
Date area is available	10/12/2045	10/12/2050	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075
Cumulative area available (ha)	23.6	23.6	23.6	23.6	23.6	23.6	23.6
Milestone completed by	10/12/2050	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075	10/12/2080
Milestone Reference	**Cumulative area achieved (ha)**						
RM3	23.6						
RM5		23.6					
RM6			23.6	23.6			
RM7					23.6	23.6	
RM8							23.6

(RA9) Rehabilitation area 9

Post-mining land uses (PMLU)							
Rehabilitation area				RA9			
Relevant activities				Riparian Link Habitat (Highwall Infrastructure Areas)			
Total rehabilitation area size (ha)				58.7			
Commencement of first milestone: RM1				10/12/2045			
PMLU				Woodland			
Date area is available	10/12/2045	10/12/2050	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075
Cumulative area available (ha)	58.7	58.7	58.7	58.7	58.7	58.7	58.7
Milestone completed by	10/12/2050	10/12/2055	10/12/2060	10/12/2065	10/12/2070	10/12/2075	10/12/2080
Milestone Reference	**Cumulative area achieved (ha)**						
RM1	58.7						
RM2	58.7						
RM3	58.7						
RM5		58.7					
RM6			58.7	58.7			
RM7					58.7	58.7	
RM8							58.7

Section E – Rehabilitation area milestones

Milestone reference	Rehabilitation milestone	Milestone criteria
RM1	Infrastructure decommissioning and removal	Other than as required by this schedule or agreed to be retained by the landholder (as evidenced by a signed landholder agreement): a) All services are disconnected and decommissioned. b) All buildings are demolished and/or removed. c) All hardstand and concrete areas are removed. d) All mine roads, access tracks and fences are removed. e) All pipelines are drained and removed. f) All waste is removed. g) All dams are dewatered and desilted, and any liners present are removed, before being decommissioned. h) All exploration drill holes are rehabilitated in accordance with the eligibility criteria and standard conditions for exploration and mineral development projects – V2 (EHP, 2016). i) All machinery and equipment are removed.
RM2	Identification and remediation of contaminated land	A contaminated land investigation is completed by a suitably qualified person **(SQP)** in accordance with the EP Act, including: a) Contaminated and hazardous material has been remediated in situ or removed/transported to an approved landfill for disposal, with waste tracking information recorded and submitted. b) Validation testing confirms that contaminated and hazardous materials have been removed or remediated successfully. c) A contaminated land assessment indicates that no contamination unsuitable for the PMLUs for the site remains or is occurring. d) If required, a site investigation report including a site suitability statement has been prepared and submitted in accordance with the provisions of Chapter 7, Part 8 of the EP Act. e) Where RM2(d) applies, a site suitability statement from a **SQP** confirms the uses or activities for which the land is suitable and aligns with the approved PMLUs for the site.

RM3	Landform establishment (excluding TSF and RA4)	**All Rehabilitation Areas** a) Engineering and design plans (including drainage, where required) are developed and finalised by an appropriately qualified person **(AQP)**. b) Bulk earthworks are completed in accordance with the **AQP**-developed design plans to achieve the required slope gradients and lengths. c) Erosion and sediment control systems are designed by an **AQP**, installed where required, and demonstrated to be fit for purpose. d) Landforms are shaped to achieve free-draining surfaces. e) An **AQP** has assessed the landforms and confirmed that criteria RM3(a) to (q) have been achieved. **Grazing (RA2, RA3, RA6)** Landforms are shaped to achieve a maximum overall slope gradient of 15%. f) Outward facing slopes have maximum slope lengths of 700m and predicted erosion rates below 5 t/ha/yr. g) Inward facing slopes have maximum slope lengths of 400m and predicted erosion rates below 12 t/ha/yr. h) Landforms are assessed as being geotechnically **stable** with a minimum factor of safety of 1.5. **Woodland Habitat (RA5, RA8 and RA9) and Native Grassland (RA4)** i) Landforms are reshaped to achieve a maximum overall slope gradient of 25% on outward facing slopes and 15% on inward facing slopes. j) Outward facing slopes have maximum slope lengths of 700m and predicted erosion rates below 5 t/ha/yr. k) Inward facing slopes have maximum slope lengths of 400m and predicted erosion rates below 12 t/ha/yr. l) Slopes with overall gradients above 15% have stabilisation measures such as rock mulch or other treatments applied as recommended by an **AQP**. m) Landforms are assessed as being geotechnically **stable** with a minimum factor of safety 1.35. **Watercourse (RA7)** n) Diversion is constructed in accordance with **AQP**-developed design plans. o) Updated hydraulic flood modelling, incorporating drainage, is completed. p) A Hazard Assessment is completed to verify that safety hazards are not significantly different to surrounding unmined landscapes subject to the same land use.

RM4	Landform Establishment (TSF RA4 only)	a) A decommissioning plan for the TSF is developed and finalised by an **AQP**. b) Installation of a cover on the TSF as per the design specified in the **AQP-**developed decommissioning plan. c) Installation of an appropriate drainage system on the TSF, including a closure spillway, as per the design specified in the **AQP**-developed decommissioning plan. d) The TSF has been assessed by an **AQP** as being geotechnically **stable** with a minimum factor of safety of 1.35. e) Confirmation from an **AQP** that all cover materials are not capable of generating acid mine drainage, non-acidic metalliferous drainage or saline mine drainage.
RM5	Surface preparation	a) An AQP has completed an assessment of **growth media** characteristics, identifying amelioration or other treatments required to achieve: 1. The following primary **growth media** quality targets^ i. pH: 6.0–9.0 in root zone (0–0.3m); ii. Salinity (EC1.5): <0.75dS/m in root zone (0–0.3m); iii. Sodicity (ESP): <6%; and iv. CEC and major macronutrient (N, P, K, and organic C) concentrations in root zone (0–0.3m) are at least 80% of those measured at comparable reference sites; **OR** 2. Alternative **growth media** targets, as determined by the **AQP** to be suitable for establishing the vegetation required under the designated PMLU. b) Primary **growth media** quality targets listed in RM5(a) are achieved based on a number of representative samples, as determined by an **AQP**. c) **Growth media** placed at a minimum overall depth of 150mm on all RAs except RA1. d) Ripping along contours is completed prior to seeding, if required. e) The surface and groundwater monitoring network, including, but not limited to, those locations identified in **Appendix 8a: Surface water monitoring points** and **Appendix 10a: Groundwater monitoring points**, is installed. ^*Primary **growth media** quality targets: criteria provided as a post-ameliorant target. Initial soil analysis values may be outside of these ranges; however, they must be achieved where that is a requirement of this schedule.*
RM6	Revegetation	**Grazing (RA2, RA3, RA6)**

		a) Seeding is completed using a selection of species and sowing rates from **Appendix 1: Recommended Species to be Established in the Grazing PMLU (RA2, RA3, and RA6**), or other species/rates as advised by an **AQP**. **Woodland Habitat (RA5, RA8 and RA9)** b) Seeding is completed using a selection of species from **Appendix 2: Recommended species to be established in the woodland habitat PMLU (RA5, RA8 and RA9)**, or other species/rates as advised by an **AQP**. c) Seeding is completed in accordance with the recommended sowing rates for individual species where possible, and the total recommended sowing rates for dominant tree species (5kg/ha), mid-storey species (5kg/ha), and groundcover species (5kg/ha). **Native Grassland (RA4)** d) Seeding completed using a selection of species from **Appendix 2a: Recommended species to be established for native grassland PMLU (RA4)** at a combined sowing rate of 8kg/ha, or other species/rates as advised by an **AQP**. **Watercourse (RA7)** e) Seeding completed using a selection of species from **Appendix 3: Recommended species to be established in the watercourse/riparian vegetation PMLU (RA7)**, or other species/rates as advised by an **AQP**. f) Seeding completed in accordance with the recommended sowing rates for individual species where possible, and total recommended seeding rates for upper bank (5kg/ha), mid bank (5kg/ha), and lower bank (5kg/ha).
RM7	Achievement of surface requirements	a) Weed presence is less than 10% of total **vegetative groundcover**. b) Restricted matter (as defined in the *Biosecurity Act 2014*) comprises less than 5% of total **vegetation groundcover**. c) **Vegetative groundcover** is at least 70% on outward facing slopes and at least 30% on inward facing slopes. d) With respect to erosion: i. There is no evidence of erosion classified as 'moderate' or 'severe' as defined by **Appendix 7: Erosion class**; ii. Any erosion present will not compromise the ability of a PMLU to achieve a stable condition; and

		iii. The Index of Diversion Condition method is used to verify that RA7 is erosionally stable. e) An AQP has assessed the landforms and confirmed that criteria RM7(a) to (d) have been achieved.
RM8	Achievement of stable condition – All PMLU (unless specified)	**All Rehabilitation Areas** a) Maintenance of the criteria for weeds, groundcover and erosion from RM7(a), (b), (c) and (d). b) Groundwater and surface water monitoring is completed in accordance with **PRCP7** to **PRCP11**. **Grazing (RA1, RA2, RA3, RA6)** c) Confirmation from an **AQP** that the final landform is geotechnically **stable** with a minimum factor of safety of 1.5 and a maximum overall slope gradient of 15%. d) A Pasture Condition Assessment is completed by an **AQP**, demonstrating that the final landform achieves a pasture condition rating of Class 1, 2 or 3 in accordance with the criteria in **Appendix 4: Pasture Condition Assessment at RA1, RA2, RA3, and RA6.** **Woodland Habitat (RA5, RA8 and RA9)** e) Confirmation from an **AQP** that the final landform is geotechnically **stable** with a minimum factor of safety of 1.35 and a maximum overall slope gradient of 25%. f) A **BioCondition** Assessment is completed by an **AQP** using the methodology outlined in the latest version of the Queensland Herbarium's **BioCondition** Assessment Manual, demonstrating that the final landform achieves the "Revised PRCP Benchmark" criteria in **Appendix 5: Representative Benchmark Criteria for Woodland Rehabilitation at RA5, RA8 and RA9**. **Native Grassland (RA4)** g) Confirmation from an **AQP** that the final landform is geotechnically **stable**. h) **Vegetative groundcover** is at least 10%, with no bare areas greater than $10m^2$. i) At least four native grass species are present. **Watercourse (RA7)** j) Confirmation from an **AQP** that the final landform is performing in accordance with the DNRME Guideline: Works that interfere with water in a watercourse for a resource activity -

		watercourse diversions under the Water Act 2000 (OSW/2019/4599, or a later version), and is in a **stable** condition. k) A **BioCondition** Assessment is completed by an **AQP** using the methodology outlined in the latest version of the Queensland Herbarium's **BioCondition** Assessment Manual, demonstrating that the final landform achieves the "Revised PRCP Benchmark" criteria in **Appendix 6: Representative RE Benchmark Criteria for Watercourse Habitat Rehabilitation at RA7**.

Section F – Non-use management areas

(IA1) Improvement area 1

Non-use Management area (NUMA)						
Improvement area	IA1					
Relevant activities	Final void Kemmis 2N – 317.0ha Mulgrave EN – 284.0ha C/W/T – 254.1ha Toolah South – 87.0ha					
Total rehabilitation area size (ha)	942.1					
Commencement of first milestone: MM1	10/12/2033					
Date area is available	10/12/2033	10/12/2040	10/12/2045	10/12/2050	10/12/2055	10/12/2060
Cumulative area available (ha)	62.8	62.8	942.1	942.1	942.1	942.1
Milestone completed by	10/12/2040	10/12/2045	10/12/2050	10/12/2055	10/12/2060	10/12/2065
Milestone Reference	**Cumulative area achieved (ha)**					
MM1	62.8	62.8	62.8	942.1		
MM2		62.8	62.8	62.8	942.1	
MM3			62.8	62.8	62.8	942.1

Improvement area milestones

Milestone reference	Management milestone	Management criteria
MM1	Achievement of structural stability	a) Confirmation from an **AQP** that the final void highwalls and end walls (where not backfilled) have achieved an overall slope gradient of: i. 65° in competent (unweathered) material; ii. 45° highwall in less competent (weathered) material. b) Predictive modelling undertaken by an **AQP** confirms that the final voids will: i. Not be subject to inundation from floodwaters up to and including the 0.1% AEP; ii. Not overtop; iii. Act as groundwater sinks; iv. Be geotechnically **stable**, with the final void walls achieving a minimum factor of safety of 1.25 above the maximum predicted water level.
MM2	Achievement of surface requirements	a) Safety bunds are constructed around the perimeters of the final voids in accordance with the following design specifications: i. Constructed from non-weathered dumped rockfill, where possible; ii. Minimum of height of 2 m; iii. Minimum base width of 7 m; and iv. Batters no steeper than 1(V):1.5(H). b) Safety bund set-back distances from pit crests are in accordance with a minimum factor of safety of 1.25. c) Fencing and warning signage is in place around the perimeters of the safety bunds to limit human and livestock access.
MM3	Achievement of sufficient improvement	a) Confirmation from an **AQP** that: i. The final voids are safe to humans and livestock; ii. The final voids are geotechnically **stable**; iii. Erosion within the NUMA boundary will not result in instability outside the NUMA boundary; iv. The water level and quality within the final voids will not cause environmental harm to receiving surface waters or groundwaters, as demonstrated by surface water and groundwater modelling and monitoring.

END OF PRCP SCHEDULE

Appendices

Appendix 1: Recommended Species to be Established in the Grazing PMLU (RA1, RA2, RA3, and RA6).

Common Name	Scientific Name	Sowing Rate (kg/ha)	Comments
QLD Blue grass	Dicanthium sericeum	2	3P grass Suitable for clay soils
Bisset Creeping Bluegrass	*Bothriochloa inscultpa*	4*	3P grass Drought tolerant
Rhodes grass	*Chloris gayana* *Cvv. Callide*[1]	4*	3P grass Drought tolerant
	Cvv. Reclaimer	4	3p grass Tolerant to a range of soils Salt tolerant
Black spear grass	*Heteropogon contortus*	2	3P grass
Sabi grass	*Urochloa mosambicensis*	3	3P grass Drought tolerant
Stylos[2]	*Stylosanthes scabra*[1]	2	Legume requires specific rhizobium inoculum strain CB1650
Wynn cassias	*Chamaecrista rotundifolia*	2	Legume will inoculate naturally but a Group M strain is recommended
Cover crop	*(e.g., Echinochloa esculenta*[1]*)*	5	Cover crop for soil protection
Total		**28**	

[1]Exotic species

[2]Must be sown within 28 days of inoculation

***Assumes seed is coated. If not coated, use half prescribed rate**

Appendix 2: Recommended species to be established in the woodland habitat PMLU (RA5, RA8 and RA9)

Broad Vegetation Group	Upper-Storey Tree Species	Mid- and Lower-Storey Tree and Shrub Species	Groundcover Species
10a	*Corymbia citriodora* *Eucalyptus crebra* *Eucalyptus fibrosa* *Corymbia hendersonii* *Corymbia clarksoniana* *Angophora leiocarpa* *thozetiana* *Eucalyptus cambageana* *Eucalyptus crebra* *Acacia harpophylla* *Acacia cambagei* *Casuarina cristata*	*Alphitonia excelsa* *Acacia leiocalyx* *Acacia cretata* *Acacia longispicata* *Petalostigma pubescens* *Breynia oblongifolia* *Capparis canescens*	*Cymbopogon refractus* *Themeda triandra* *Eremochloa bimaculate* *Arundinella nepalensis* *Panicum effusum* *Desmodium varians,* *Brunoniella australis* *Cyanthillium cinereum* *Chrysocephalum apiculatum* *Eustrephus latifolius* *Dianella revoluta* *Phyllanthus virgatus* *Evolvulus alsinoides* *Lomandra confertifolia subsp. Pallida* *Lomandra multiflora subsp. Multiflora* *Glossocardia bidens.*

Appendix 2a: Recommended species to be established in the Native Grassland PMLU (RA4)

Scientific Name	Common Name
Dicanthium sericeum	QLD Blue grass
Themeda triandra	Kangaroo Grass
Heteropogon contortus	Black Speargrass
Heteropogon triticeus	Giant Speargrass
Bothriochloa erianthoides	Forest Mitchell Grass
Chloris ventricoa	Tall Windmill Grass
Cymbopogon refractus	Barb Wire Grass

Appendix 3: Recommended Species to be established in the watercourse/ Riparian vegetation PMLU (RA7)

Broad Vegetation Group	Upper Storey Tree Species	Groundcover Species
16a	*Eucalyptus camaldulensis* *Eucalyptus tereticornis* *Eucalyptus coolabah* *Melaluca sp.* *Corymbia tessallaris* *Angophora spp.* *Casuarina cunninghamiana*	*Heteropogon contortus* *Themeda triandra* *Chrysopogon fallax* *Imperata cylindrica* *Eulalia aurea* *Cyanthillium cinereum* *Phyllanthus virgatus* *Eustrephus latifolius* *Brunoniella australis* *Crotalaria montana* *Rostellularia adscendens* *Evolvulus alsinoides* *Sida spp*

Appendix 4: Pasture Condition Assessment at RA1, RA2, RA3, and RA6

Condition Rating	Condition Indicators				
	Preferred Pasture Species		Annual Grass % DM Yield	Undesirable Grasses and Other Weeds % DM yield	Preferred Pasture Species Diversity
	% DM Yield	Crown Cover			
1	>80%	Dense and plants healthy	<20%	<20%	>5 species
2	60 – 80%	High to moderate density and some plants unhealthy	20 – 40%	20 – 30%	3 – 5 species
3	10 – 60%	Moderate to low density and some plants dead	40 – 70%	30 – 80%	2 – 3 species
4	<10%	Sparse and many plants dead	>70%	>80%	0 or 1 species

Appendix 5: Representative Benchmark Criteria for Woodland Rehabilitation at RA5, RA8 and RA9

Regional Ecosystem	Benchmark	Revised PRCP Benchmark
Short description	*Corymbia citriodora +/- Eucalyptus crebra +/- Corymbia clarksoniana* woodland	*Corymbia citriodora +/- Eucalyptus crebra +/- Corymbia clarksoniana* woodland
Recruitment	100%	100%
Non-native plant cover	0	≤10%
Tree species richness	4	≥3 (inc. *Corymbia citriodora*)
Native shrub species richness	4	≥3
Native grass species richness	9	≥4
Native forb other species richness	17	≥5
Tree canopy cover	30%	≥15%
Shrub canopy cover	13%	N/A
Native perennial grass	16%	≥10%
Litter grid cover	50%	≥10%

Appendix 6: Representative Benchmark Criteria for Watercourse Habitat Rehabilitation at RA7

Regional Ecosystem	Benchmark	Revised PRCP Benchmark
Short description	*Eucalyptus tereticornis* +/- *E. camaldulensis* woodland fringing drainage lines	Rehabilitated *Eucalyptus tereticornis* +/- *E. camaldulensis* woodland fringing drainage lines woodland
Recruitment	100%	100%
Non-native plant cover	0	≤ 10%
Tree species richness	4	≥ 3
Native shrub species richness	4	≥ 3
Native grass species richness	8	≥ 4
Native forb other species richness	13	≥ 6
Tree canopy cover	34%	≥ 15%
Shrub canopy cover	NA	NA
Native perennial grass	35%	≥ 15%
Litter grid cover	21%	≥ 10%

Appendix 7: Erosion class

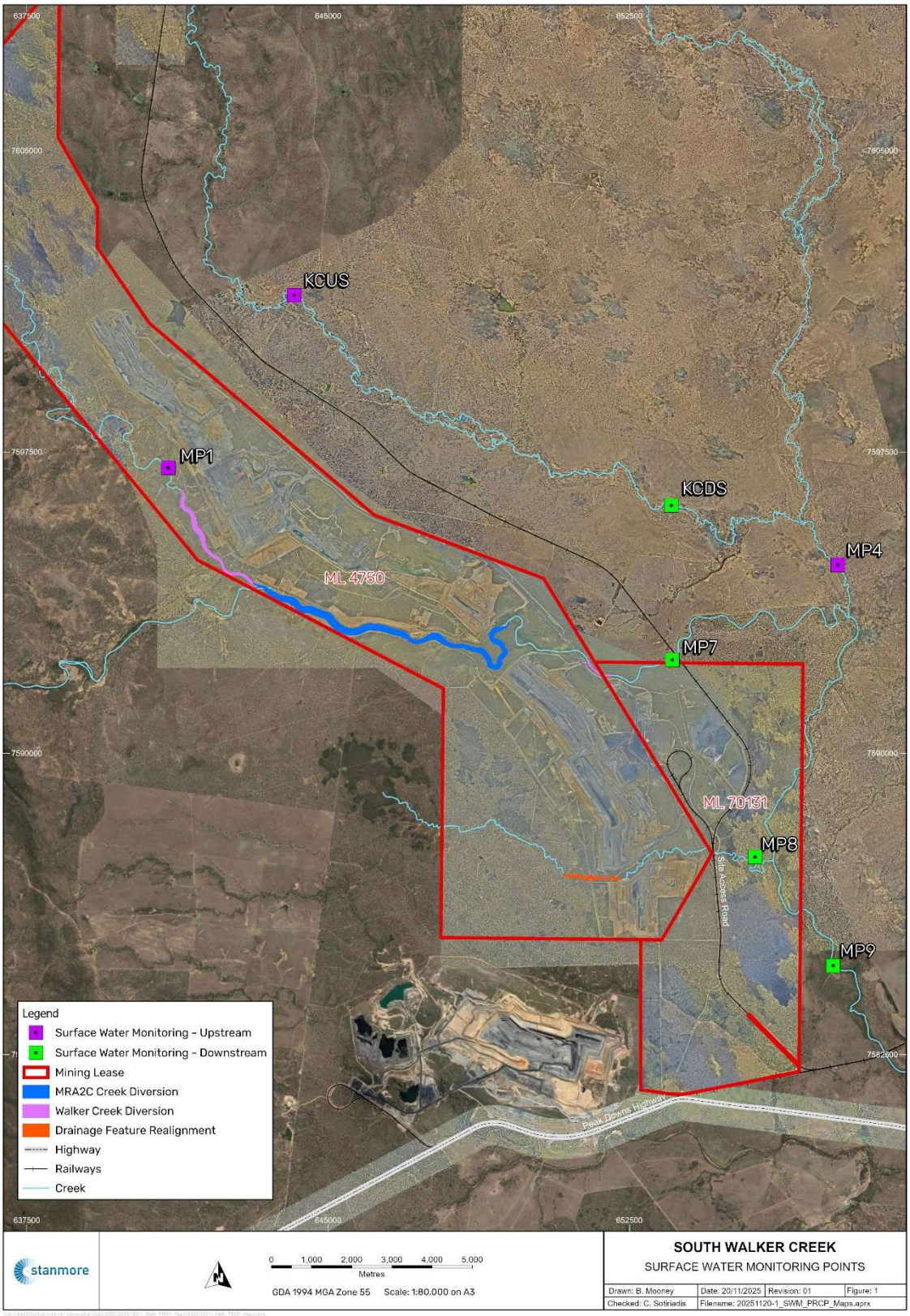
Erosion classification	Minor	Moderate	Severe
Sheet erosion	Shallow soil deposits downslope	Partial exposure of roots; moderate soil deposits downslope, etc.	Loss of surface horizon; root exposure; moderate substantial soil deposits downslope
Rill erosion	<0.3m deep Occasional rills	<0.3m deep Common rills	<0.3m deep Numerous rills forming corrugated ground surface
Gully erosion	>0.3m deep Gullies are isolated, linear, discontinuous, and restricted to primary or minor drainage lines	>0.3m deep Gullies are linear, continuous, and restricted to primary or minor drainage lines	>0.3m deep Gullies are continuous or discontinuous, and either tend to branch away from primary drainage lines and on to foot slopes, or have multiple branches within drainage lines
Tunnel erosion	Absent		Present
Mass movement	Absent		Present

**the erosion classification framework is based on the 'Australian Soil and Land Survey Field Handbook' Third Edition by the National Committee on Soil and Terrain (2009)*

Appendix 8: Receiving waters upstream and downstream monitoring points

Monitoring Point (MP)	Receiving Waters Location Description	Latitude (GDA94)	Longitude (GDA94)
Upstream Background Monitoring Points			
MP1	Walker Creek – 4280m upstream of the confluence of Walker Creek and Carborough Creek	-21.722476	148.36443
MP4	Bee Creek – 1500m upstream of the confluence of Bee Creek and Walker Creek	-21.74207	148.52522
KCUS	Kemmis Creek upstream at St Albans	-21.68316	148.39453
Downstream Monitoring Points			
MP7	Walker Creek – 130m upstream from Hail Creek Mine railway spur	-21.76428	148.48613
MP8	Unnamed tributary of Bee Creek – 1350m upstream of the confluence of the unnamed tributary of Bee Creek and Bee Creek	-21.80868	148.50653
MP9	Bee Creek – 3600m downstream of the confluence of Bee Creek and the unnamed tributary of Bee Creek	-21.83286	148.52575
KCDS	Kemmis Creek downstream at Strathfield	-21.72993	148.4857

Appendix 8a – Surface water monitoring points



Appendix 9 – Surface water quality characteristics and limits

Quality Characteristics	Unit	Limit	Comment on Limit
pH	pH units	6.5-8.5	WQO for Upper Isaac River catchment waters
Electrical Conductivity	µS/cm	5,700	Site-specific (95th percentile of all data)
Sulphate	mg/L	40	Site-specific (95th percentile of all data)
Aluminium - dissolved	µg/L	55	ANZG 2818
Arsenic - dissolved	µg/L	13	ANZG 2018 (for AsV)
Copper - dissolved	µg/L	1.4	ANZG 2018
Manganese - dissolved	µg/L	1,900	ANZG 2018
Molybdenum - dissolved	µg/L	34	ANZG 2018
Nickel - dissolved	µg/L	11	ANZG 2018
Vanadium - dissolved	µg/L	6	ANZG 2018
Ammonia - dissolved	µg/L	900	ANZG 2018
Nitrate - dissolved	µg/L	1,100	ANZG 2018 (for soft water)
Petroleum hydrocarbons (C6-C9)	µg/L	20	LoR
Petroleum hydrocarbons (C10-C36)	µg/L	100	LoR
Major ions Calcium, chloride, potassium, magnesium, sodium, bicarbonate, carbonate	mg/L	N/A	For interpretation purposes
Hardness	mg/L	N/A	For interpretation purposes
Water level	mAHD	N/A	For interpretation purposes

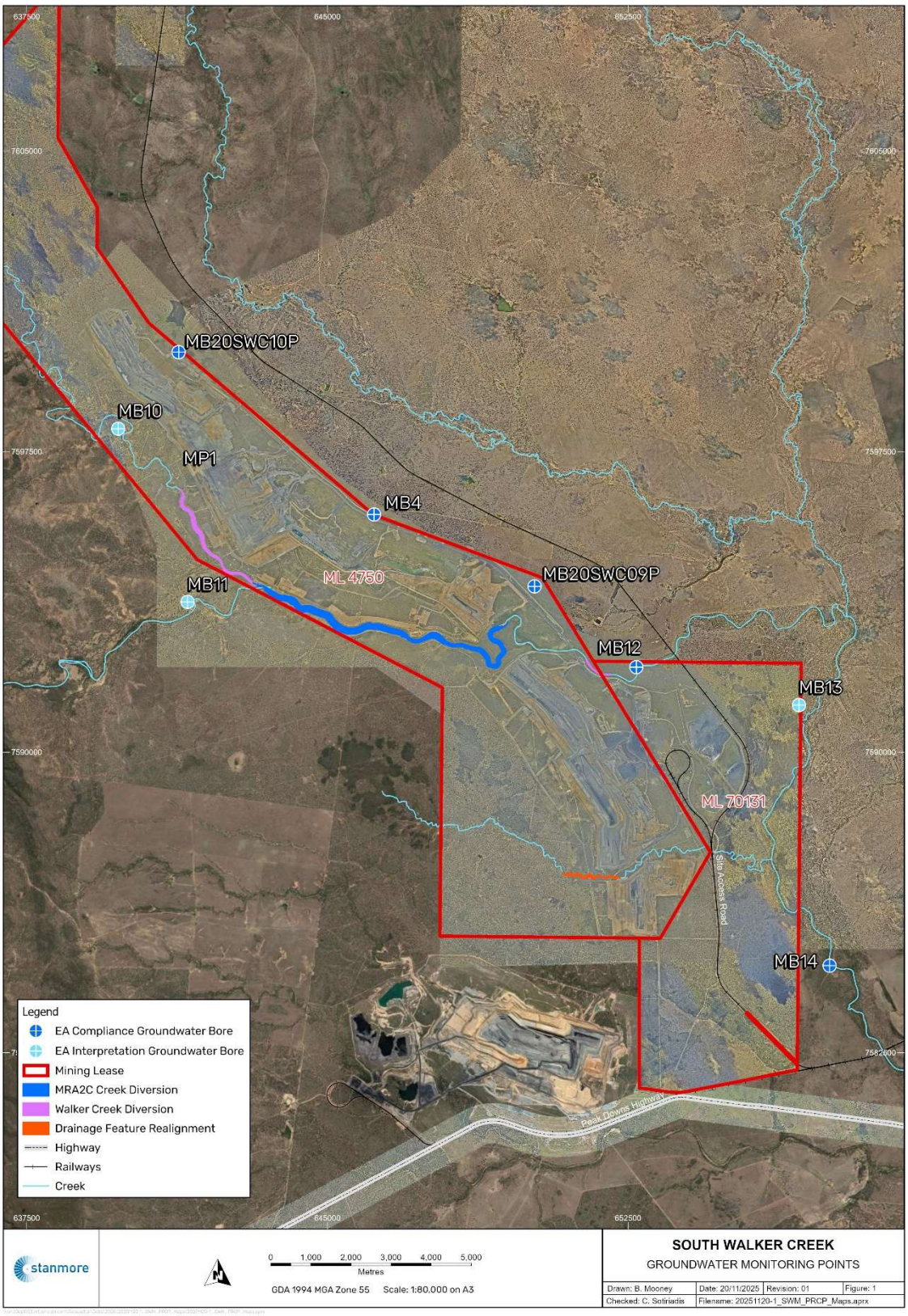
Notes:

- *All metals and metalloids must be measured as 'dissolved' (from analysis of a field filtered sample) and total (unfiltered).*
- *Limits for metals and metalloids apply to dissolved results.*
- *ANZG (2018) Aquatic ecosystem protection for moderately disturbed system (95% protection).*

Appendix 10 – Groundwater monitoring points

Monitoring Bore	Hydrostratigraphic Unit	Surface RL (m AHD)	Latitude (GDA94)	Longitude (GDA94)
Interpretation Bores				
MB10	Alluvium	232.4	-21.71368	148.35252
MB11	Alluvium	225.8	-21.7526	148.36962
MB13	Alluvium	192.9	-21.77454	148.51733
Compliance Bores				
MB12	Regolith	206.3	-21.76635	148.4781
MB14	Alluvium	187.3	-21.83322	148.52532
MB4	Coal Seam	236.07	-21.73250	148.41441
MB20SWC09P	Coal Seam	212.35	-21.74835	148.45327
MB20SWC10P	Coal Seam	241.56	-21.69633	148.36693

Appendix 10a – Groundwater monitoring points



Appendix 11 – Groundwater quality characteristics and limits

Quality Characteristics	Unit	Limit	Comment on Limit
pH	pH units	6.5-8.5	WQO for Upper Isaac River catchment waters
Electrical Conductivity	µS/cm	5,700	Site-specific (95th percentile of all data)
Sulphate	mg/L	40	Site-specific (95th percentile of all data)
Aluminium - dissolved	µg/L	55	ANZG 2018
Arsenic - dissolved	µg/L	13	ANZG 2018 (for AsV)
Copper - dissolved	µg/L	1.4	ANZG 2018
Manganese - dissolved	µg/L	1,900	ANZG 2018
Molybdenum - dissolved	µg/L	34	ANZG 2018
Nickel - dissolved	µg/L	11	ANZG 2018
Vanadium - dissolved	µg/L	6	ANZG 2018
Ammonia - dissolved	µg/L	900	ANZG 2018
Nitrate - dissolved	µg/L	1,100	ANZG 2018 (for soft water)
Petroleum hydrocarbons (C6-C9)	µg/L	20	LoR
Petroleum hydrocarbons (C10-C36)	µg/L	100	LoR
Major ions Calcium, chloride, potassium, magnesium, sodium, bicarbonate, carbonate	mg/L	N/A	For interpretation purposes
Hardness	mg/L	N/A	For interpretation purposes
Water level	mAHD	N/A	For interpretation purposes