

# PRCP schedule

## Environmental Protection Act 1994

### PRCP Schedule P-PRCP-100766313 Georgetown Gold Mine

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

**PRCP schedule:** P-PRCP-100766313\_V2

**PRCP schedule holder**

| Name                     | Registered address                                      |
|--------------------------|---------------------------------------------------------|
| Kempton Minerals Pty Ltd | Suite 9C, Level 9, 144 Edward Street, BRISBANE QLD 4000 |

**Location details**

| Locations                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------|
| Mining lease (ML) 3409, ML3358, ML3374, ML3540, ML3548, ML3591, ML30192, ML30193, ML30195, ML30196, ML30201 and ML30203 |

**Take effect**

In accordance with section 202B of the *Environmental Protection Act 1994* (EP Act), the PRCP schedule has effect on the day the environmental authority for carrying out relevant activities on land to which the schedule relates takes effect. Pursuant to section 202C of the EP Act, a PRCP schedule continues in force until the environmental authority for the relevant activities to which the PRCP schedule relates is cancelled or surrendered, even if the resource tenure expires or is cancelled and even if the relevant environmental authority is suspended under Chapter 5, part 11 or 11A of the EP Act.



Signature

30 September 2026

Date

Giles Bezzina

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

**Enquiries:**

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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.

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

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

**PRCP schedule**

The PRCP schedule incorporates the following sections:

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

# 1 Section A - Conditions of PRCP schedule

Pursuant to section 206A of the EP Act:

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

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

## General conditions

- PRCP1** Notwithstanding any other condition of this PRCP Schedule, the holder must not cause mining disturbance unless and until such time as that disturbance has an associated rehabilitation outcome provided for in the relevant 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 land becomes 'available for rehabilitation' earlier than the date nominated in this schedule, the holder must:
- a. Notify the administering authority in writing within 30 days of the land becoming 'available for rehabilitation'. The written notification must include precise details of the relevant land area and the date when that land becomes 'available for rehabilitation'; and
  - b. Unless otherwise agreed to by the administering authority in writing, within 90 days of the land becoming 'available for rehabilitation', apply to the administering authority to amend this schedule in a way that maximises the progressive rehabilitation of the land to a stable condition, including bring forward achievement of relevant milestones and criteria.

Note:

1. Reference to "earlier than the nominated date in the schedule" means a date that is greater than 1 year prior to the date nominated in the schedule.
2. The written notification must include precise details of the relevant land area and the date when that land became 'available for rehabilitation'
3. Assessment of land becoming available is undertaken on a nominally annual basis.
4. Rehabilitation of land size must be practicable and economical.
5. The dates by which milestones are to be completed is brought forward, to the extent it is reasonably practicable to do so, by the same amount of time as the commencement was brought forward.

- PRCP4** Where an area achieves a rehabilitation or management milestone, the holder must continue to achieve the milestone for that rehabilitation milestone until:
- a. A progressive certification area has satisfied the provisions of section 318ZB(4) of the EP Act; and
  - b. A surrender is approved.

- PRCP5** The holder must maintain a risk register that identifies:
- a. The risks that may prevent achievement of a stable condition for post-mining land uses (PMLU);
  - b. The risks that may prevent sufficient improvement for non-use management areas (NUMA); and
  - c. How the risks are being managed and/or minimised.

**PRCP6** The risk register (PRCP5) must be reviewed every three years from the date the original PRCP schedule was approved and include consideration of the outcomes of PRCP monitoring data.

**PRCP7** The holder must carry out monitoring in accordance with:

- a. Any requirement under this schedule; and
- b. As necessary to demonstrate achievement of each rehabilitation milestone or management milestone criteria.

Note: Where there is an inconsistency between this schedule and the rehabilitation planning part, the schedule criteria prevail to the extent of the inconsistency.

**PRCP8** The holder must make and keep up to date records on:

- a. Achievement and maintenance of each rehabilitation or management milestone criteria of this schedule;
- b. Rehabilitation activities and the results of those activities (including but not limited to, actions taken, date, location, methods, data collected, Quality assurance and quality control (QA/QC), photos, waste tracking and disposal records, appropriately qualified person details and assumptions);
- c. Maintenance of rehabilitation and the results of maintenance activities;
- d. Monitoring of rehabilitation and the results of monitoring;
- e. Details and results of rehabilitation trials;
- f. Designs, drawings, specifications and any similar documents developed in accordance with good professional practice in relation to rehabilitation milestones or milestone criteria;
- g. All documents in relation to the requirements of this schedule, including reports (e.g. site investigation report), statements (e.g. site suitability statement), certifications, assessments, investigations, inspections, audits or any similar documents developed in relation to rehabilitation milestones or milestone criteria;
- h. Landholder agreements;
- i. Details of community consultation in the community consultation register relating to rehabilitation and closure activities; and
- j. Any other evidence and/or records on which the holder relies on to demonstrate achievement of each rehabilitation milestone criteria in this schedule.

**PRCP9** Records made under PRCP8 must be kept until the relevant environmental authority has been surrendered.

**PRCP10** Records made under PRCP8 must be provided to the administering authority in the specified format within 10 business days of a written request or an alternative timeframe agreed between the administering authority and the holder of this PRCP schedule.

**PRCP11** All AQP designs, specifications, certifications, assessments and any similar documents, must:

- a. Include documented consideration of any relevant guideline or publication material, including material published by the administering authority;
- b. Detail the boundary conditions (of any model);
- c. Detail any assumptions made, limitations and areas of uncertainty; and
- d. Contain sufficient detail to allow for independent peer review and substantiation.

**PRCP12** Disturbance due to exploration and minor ancillary activities 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 **Figures 1 – 10 Final Site Designs**.

**PRCP13** An up-to-date closure groundwater and water balance model (calibrated once data becomes available) must be maintained with predictions rerun at least every five years, from the date of approval of the PRCP and within a year of any surrender application.

**PRCP14** The holder must, prior to completion of mining, submit to the administering authority updated long term

post-mining prediction numerical modelling for drawdown and groundwater level elevations. The predictive groundwater modelling as per the Australian Groundwater Modelling Guidelines (current version), confirms:

- a. The residual voids will not cause environmental harm through the release of contaminants from the void lakes beyond the tenure boundaries post-closure; and
- b. Groundwater drawdown will not negatively impact groundwater dependent ecosystems (GDEs) on or surrounding the site.

**PRCP15** By 31 March 2027, the holder must for each relevant structure provide to the administering authority an AQP prepared and peer reviewed, landform closure design report, which includes detailed engineering designs.

**PRCP16** The landform closure design report in PRCP15, must at a minimum for the relevant structures include:

- a. Design aims, objectives and performance outcomes of the final landform, including the cover system and batters,
- b. The intended design life of the component parts of each relevant structure including the cover, plateau, batters, access points, water management, and associated monitoring network,
- c. Quality assurance and quality control required during construction,
- d. How the cover system achieves a performance outcome equivalent to or better than the design provided in the PRC Plan dated March 2026,
- e. How the cover system performance will be demonstrated,
- f. How the landform achieves acceptable geotechnical and erosional stability,
- g. How the landform achieves an acceptable water quality outcome,
- h. How redundancy of the monitoring network has been identified and built into the final design,
- i. How the design, including the component parts supports the achievement of the nominated PMLU,
- j. The critical design elements and associated assessment that support the achievement of a stable condition, and
- k. Where any assumed or inferred material properties have been used in the design or its assessment (inclusive of modelling), detailed discussion justifying why actual/measured properties were not used, how uncertainties regarding material properties may affect performance, and how those uncertainties are managed.

**PRCP17** The documents required under PRCP15 (detailed in PRCP16) must be independently peer reviewed. Both the AQP and independent peer reviewer must provide a certification, that the landform closure design report is fit for purpose, prepared in accordance with good professional practice and if constructed as per the landform closure design report the rehabilitated landform will achieve a stable condition in a post-closure context.

**PRCP18** The currency of the landform closure design report must be maintained, and the report updated as often as necessary, to ensure that the relevant structures will achieve a stable condition that can be sustained. Where the report has been updated, the certifications under PRCP17 must also be provided in relation to the updates.

**PRCP19** By 31 March 2027, the holder must submit to the administering authority a flood risk assessment for Voids: Electric Light Pit, Red Dam Pit, Jubilee Plunger Pit, associated Waste Rock Dumps (WRDs) and permanent landforms that will remain post-closure. The assessment must:

- a. Be prepared by an independent appropriately qualified person (AQP).
- b. Identify and evaluate hydraulic interactions between voids, WRDs and surrounding landforms under extreme flood scenarios.
- c. Model voids under both empty and full ponded conditions, demonstrating freeboard, and potential for uncontrolled releases, overtopping, or ingress.
- d. Include a Consequence Category Assessment (CCA) in accordance with ESR/2016/1933 (or latest versions) for each water storage under closure conditions.
- e. Demonstrate how the final landform will:
  - i. For embankments, bunds and WRDs, maintain a stable condition; and

- ii. For Voids, remain structurally stable and cause no environmental harm during flood events, including extreme events.
- f. Recommended design modifications or new measures to provide flood immunity, safety and environmental protection in closure. These will include at least:
  - i. Proper design of the northern Electric Light Pit embankment including armouring, demonstrating how flood protection design will avoid unacceptable impacts on void edge bund and ingress.
  - ii. Provide flood immunity for potential ingress along the western and northern edges of Electric Light Pit.
  - iii. Provide flood immunity for ingress into Robin Hood Pit, including through concentrated flow from adjacent WRD and the risk of progressive WRD erosion.
- g. Where recommended in part (f) an AQP must prepare a conceptual design plan for any new or modified structure (including void bunds or WRD stability works) in accordance with ESR/2016/1933, the PRCP Guideline (ESR/2019/4964), and relevant guidelines.

- PRCP20** By 31 March 2027, the holder must submit to the administering authority the report required in PRCP19, along with a certification by an independent AQP that endorses the flood risk assessment, confirms that it is consistent with good professional practice, is fit for purpose, and that they support the findings and recommendations.
- PRCP21** By 31 March 2027, the holder must submit to the administering authority erosion modelling, in accordance with the latest version of the '*Guideline Progressive rehabilitation and closure plans (PRC plans)* (ESR/2019/4964)', predicting the long-term stability of the final landform design for each relevant structure under PRCP15.
- PRCP22** By 31 March 2027, the holder must submit to the administering authority a bore specification report prepared by an AQP outlining the specifications of additional bores to be installed to collect more representative data to inform long-term pit water quality modelling, inflow/seepage rates and risks of stratification.
- PRCP23** By 31 July 2027, the holder must install the additional bores specified under PRCP22.
- PRCP24** By 30 September 2026, the holder must submit to the administering authority flood modelling of the peak water level 0.1% Annual Exceedance Probability (AEP) for a relevant watercourse consistent with the guideline Australian Rainfall and Runoff (2019) (ARR) that incorporates climate change considerations.
- PRCP25** By 31 March 2028, the holder must submit to the administering authority an updated hydrogeological assessment that incorporates groundwater modelling for the proposed NUMAs to verify that they function as groundwater 'sinks'.
- PRCP26** By 31 March 2028, the holder must submit to the administering authority the results of water quality modelling for the Electric Light Pit, Red Dam Pit, Black Blow Pit and Jubilee Plunger Pit, including long-term predictions of post-closure water quality and potential stratification.
- PRCP27** By 31 March 2028, the holder must submit to the administering authority, within an amendment application lodged pursuant to the *Environmental Protection Act 1994*, site-specific surface water quality limits for monitoring locations identified in Appendix 6 of this PRCP schedule and site-specific groundwater quality limits for monitoring locations identified in Appendix 7 of this PRCP schedule.

**END OF CONDITIONS**

## 2 Section B – Definitions

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriately qualified person (AQP) | means a person who has professional qualifications, training, skills and experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis on performance relative to the subject matter using the relevant protocols, standards, methods or literature.                                                                                                                                            |
| Activity (EP Regulation)             | includes that part, if any, of an activity relating to the following—<br>(a) preparing a place for the activity before carrying out the activity;<br>(b) rehabilitating a place after it has been used for carrying out the activity.                                                                                                                                                                                                            |
| BioCondition                         | refers to the <i>BioCondition Assessment Manual</i> (Eyre, T.J., Kelly, A.L, Neldner, V.J., Wilson, B.A., Ferguson, D.J., Laidlaw, M.J. and Franks, A.J. (2015)) and <i>BioCondition: A Condition Assessment Framework for Terrestrial Biodiversity in Queensland. Assessment Manual. Version 2.2</i> (Queensland Herbarium, Department of Science, Information Technology, Innovation and Arts, Brisbane) or later versions thereof.            |
| Contaminants                         | can be a gas, liquid or solid; or an odour; or an organism (whether alive or dead), including a virus; or energy, including noise, heat, radioactivity and electromagnetic radiation; or a combination of contaminants.                                                                                                                                                                                                                          |
| Contaminated Land Auditor            | a contaminated land auditor is responsible for auditing the work of the suitably qualified person (SQP) by evaluating and certifying site investigation and validation reports and drafting the site management plans that are submitted for a decision on a land contamination matter.                                                                                                                                                          |
| Ecosystem altering weeds             | are invasive plants that have the capacity to change the character, condition, form or nature of ecosystems over a substantial area relative to the extent of that ecosystem. They can outcompete native species, alter habitats and/or change fire regimes, thereby negatively impacting biodiversity and ecosystem function.                                                                                                                   |
| Environmentally problematic material | means material that will negatively impact water quality and stability or vegetation growth.                                                                                                                                                                                                                                                                                                                                                     |
| Flood stress                         | is the pressure on structures from rapid water rise, erosion, and saturation during extreme floods, risking instability.                                                                                                                                                                                                                                                                                                                         |
| Growth media                         | is defined as all soil and soil-like material that will support the final vegetation cover. This includes the topsoil and subsoil where these materials are applied independently. Where the topsoil is incorporated into the underlying subsoil/spoil, topsoil refers to the depth of incorporation and the remaining depth is regarded as subsoil. The total depth of growth media is nominally considered to be the effective plant root zone |
| Gully                                | a gully is a channel excavated by water, more than 0.3 m deep.                                                                                                                                                                                                                                                                                                                                                                                   |
| Independent AQP                      | is an AQP who is a third party, being independent of the PRCP schedule holder, and has not previously provided advice on the matter the subject of the review.                                                                                                                                                                                                                                                                                   |
| Independently peer reviewed          | means a peer reviewer who is a third-party to the PRCP schedule holder and the AQP whose report is being reviewed and substantiated. The peer reviewer shall also be an AQP and documentation provided must contain sufficient detail to allow for independent technical review and substantiation and provide and justify site-specific landform performance (SMART) criteria.                                                                  |

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Potentially acid forming (PAF)                  | means material with either a Net Acid Producing Potential of greater than 5 kg of H <sub>2</sub> SO <sub>4</sub> /tonne or a Net Acid Generation oxidation pH of less than 4.5 (pH unit).                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Rehabilitation activity                         | means any activity that the holder is required to carry out in relation to this PRCP schedule.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Relevant material                               | includes: <ul style="list-style-type: none"> <li>i. Final landform design report,</li> <li>ii. "As Constructed" report;</li> <li>iii. All monitoring data</li> <li>iv. Assessment of monitoring data,</li> <li>v. All maintenance records; and</li> <li>vi. Modelling and technical assessments.</li> </ul>                                                                                                                                                                                                                                                                                                        |
| Relevant structure                              | To be defined during the assessment and listed here. Typically includes TSF and higher risk structures, including WRDs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Relevant watercourse                            | means— <ul style="list-style-type: none"> <li>a) a watercourse that, under the Strahler method, is a stream ordered as a fourth order stream or higher, or</li> <li>b) if a watercourse mentioned in paragraph (a) is permanently diverted under— <ul style="list-style-type: none"> <li>i. a condition, or proposed condition, of an environmental authority mentioned in the Water Act 2000, section 98, or</li> <li>ii. a water licence or proposed water licence under the Water Act 2000,</li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>• the watercourse as permanently diverted.</li> </ul> |
| Rill                                            | a rill is a channel excavated by water, less than 0.3 m deep.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Stable                                          | in relation to land, means landform dimensions are or will be stable within tolerable limits now and in the foreseeable future.<br><br>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.                                                                                                                                                                                           |
| Stabilised                                      | means one or both of the following conditions apply: no evidence of sediment movement; sides and/or floors of erosion form are revegetated (Australian Soil and Land Survey Field Handbook Fourth Edition).                                                                                                                                                                                                                                                                                                                                                                                                        |
| Stable condition                                | see section 111A of the <i>Environmental Protection Act 1994</i> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Suitably qualified and experienced person (SQP) | for performing a regulatory function under chapter 7, part 8 (Contaminated Land) of the EP Act or another function prescribed under a regulation, means a person who— <ul style="list-style-type: none"> <li>(a) has qualifications and experience relevant to performing the function; and</li> <li>(b) if a regulation prescribes an organisation for this paragraph—is a member of the organisation.</li> </ul>                                                                                                                                                                                                 |
| Vegetative groundcover                          | means plants, plant litter, tree leaf litter, twigs and woody debris capable of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|      |                                                                                              |
|------|----------------------------------------------------------------------------------------------|
|      | protecting the soil surface from erosion.                                                    |
| Weed | non-native plants that can displace native plants, disrupt ecosystems, and alter landscapes. |

### 3 Section C - Final site design and reference maps

Figure 1 – Final Site Design Plant Site (ML3409, ML3540, ML3591)

Figure 2 - Final Site Design Jubilee Plunger (ML3374)

Figure 3 - Final Site Design Electric Light (ML3548)

Figure 4 – Final Site Design Red Dam (ML30203)

Figure 5 - Final Site Design Try No More (ML3358)

Figure 6 - Final Site Design Phily's (ML30192)

Figure 7 – Final Site Design Rhyolite (ML30193)

Figure 8 - Final Site Design Tom's (ML30195)

Figure 9 - Final Site Design Sir William Alfred (ML30196)

Figure 10 - Final Site Design Abe's (ML30201)

Figure 11 – Reference Map Plant Site (ML3409, ML3540, ML3591)

Figure 12 – Reference Map Jubilee Plunger (ML3374)

Figure 13 – Reference Map Electric Light (ML3548)

Figure 14 – Reference Map Red Dam (ML30203)

Figure 15 – Reference Map Try No More (ML3358)

Figure 16 – Reference Map Phily's (ML30192)

Figure 17 – Reference Map Rhyolite (ML30193)

Figure 18 - Reference Map Tom's (ML30195)

Figure 19 – Reference Map Sir William Alfred (ML30196)

Figure 20 – Reference Map Abe's (ML30201)

Figure 1 – Final Site Design Plant Site (ML3409, ML3540, ML3591)

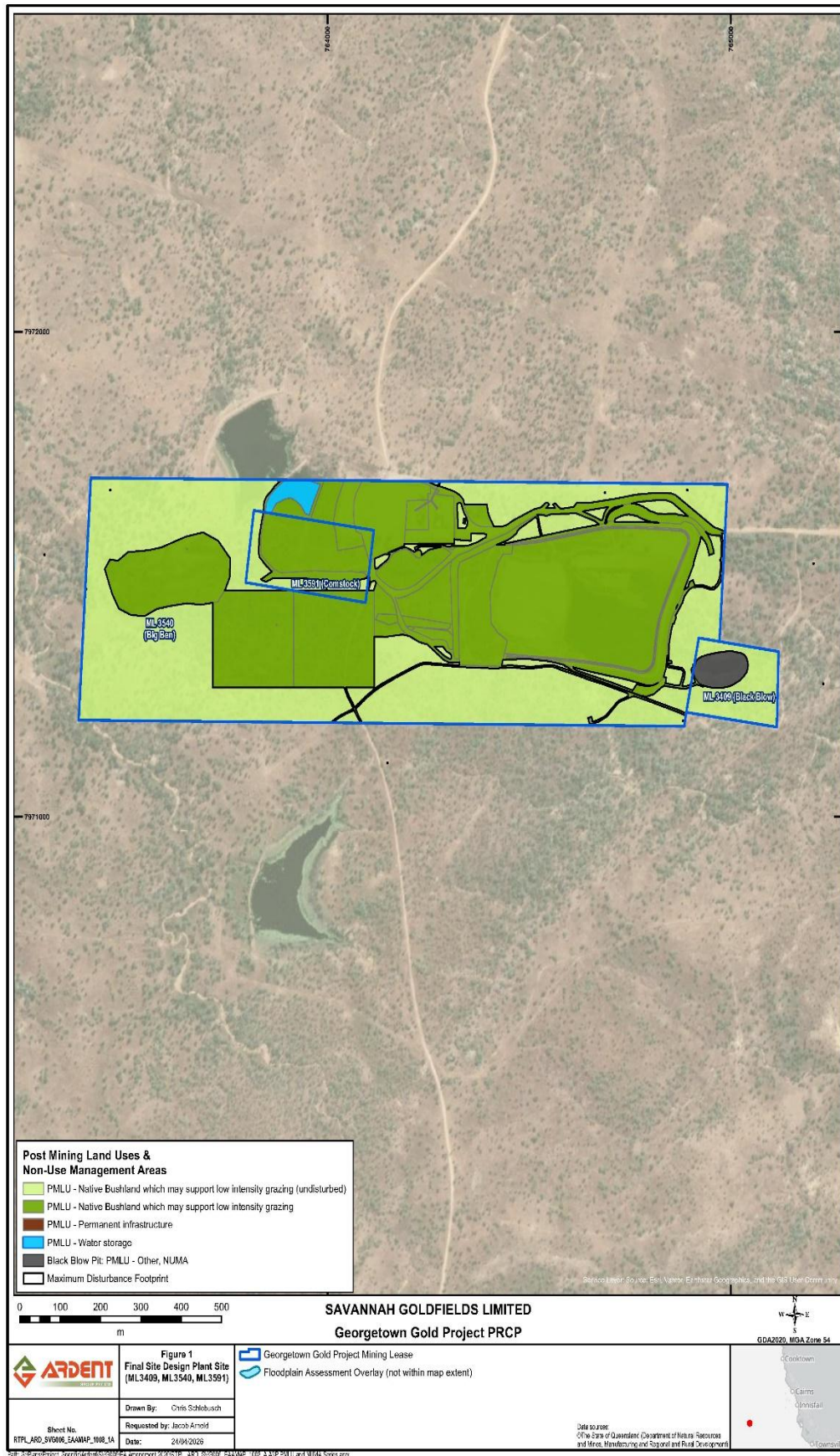


Figure 2 - Final Site Design Jubilee Plunger (ML3374)

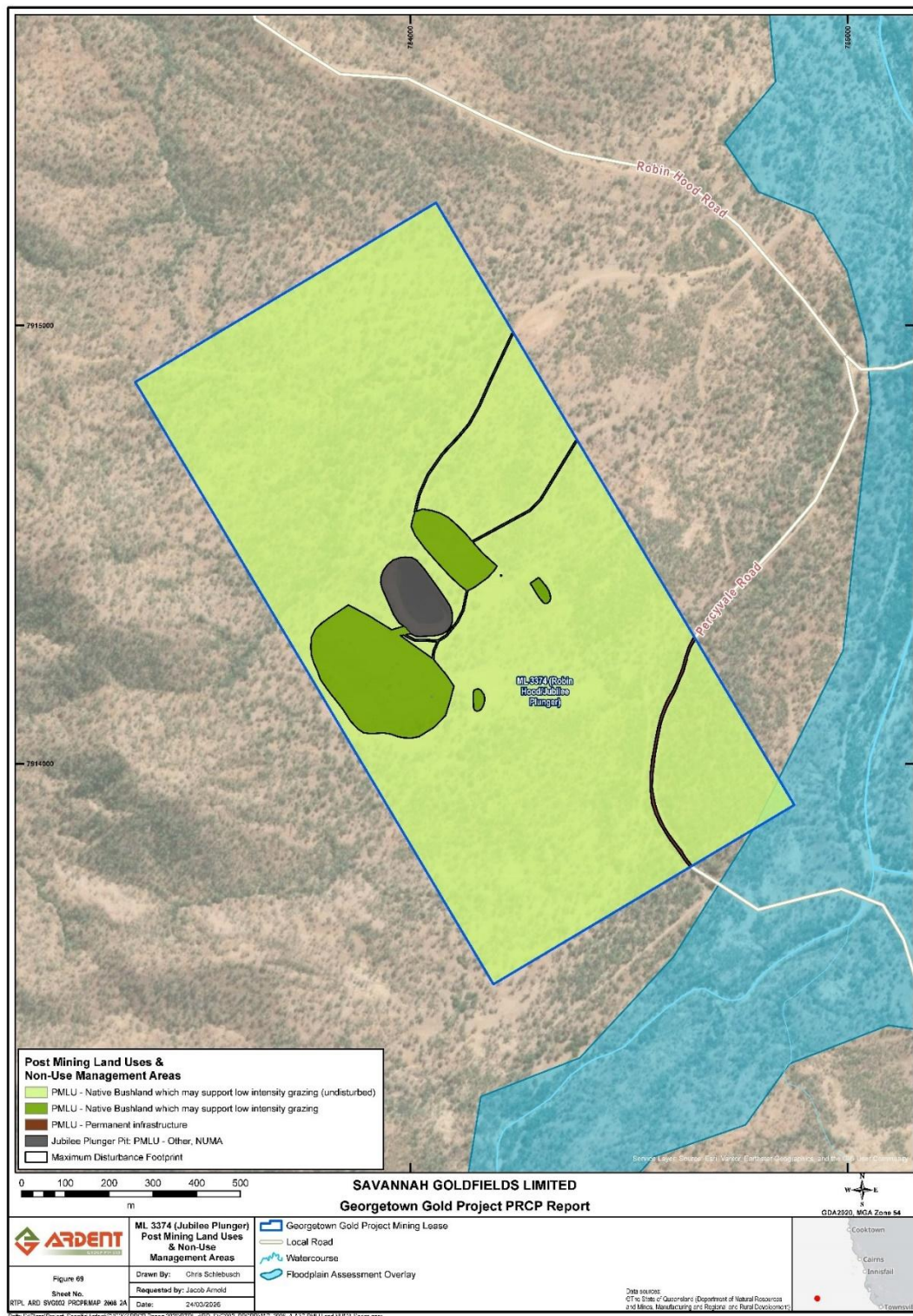


Figure 3 - Final Site Design Electric Light (ML3548)

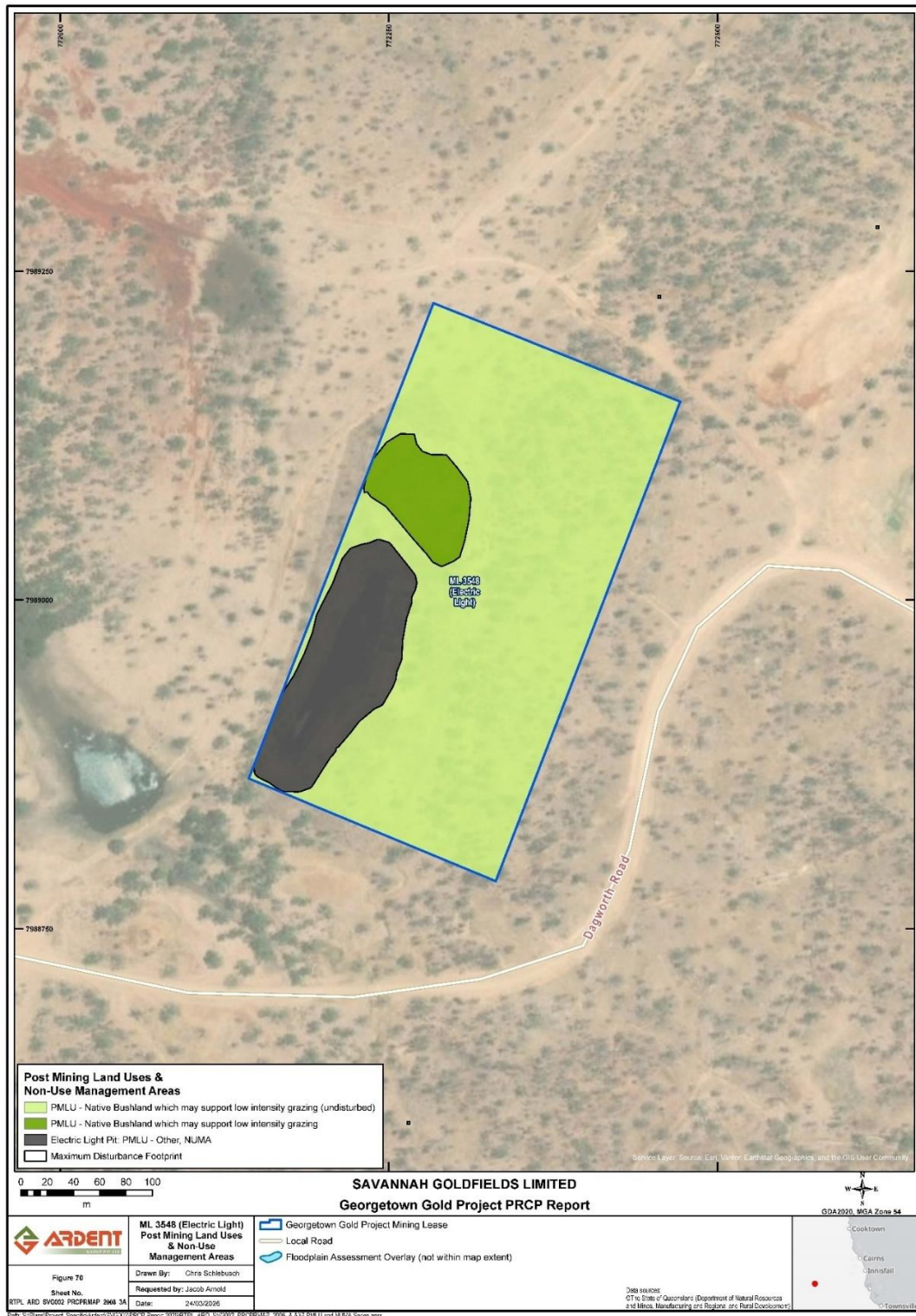


Figure 4 – Final Site Design Red Dam (ML30203)

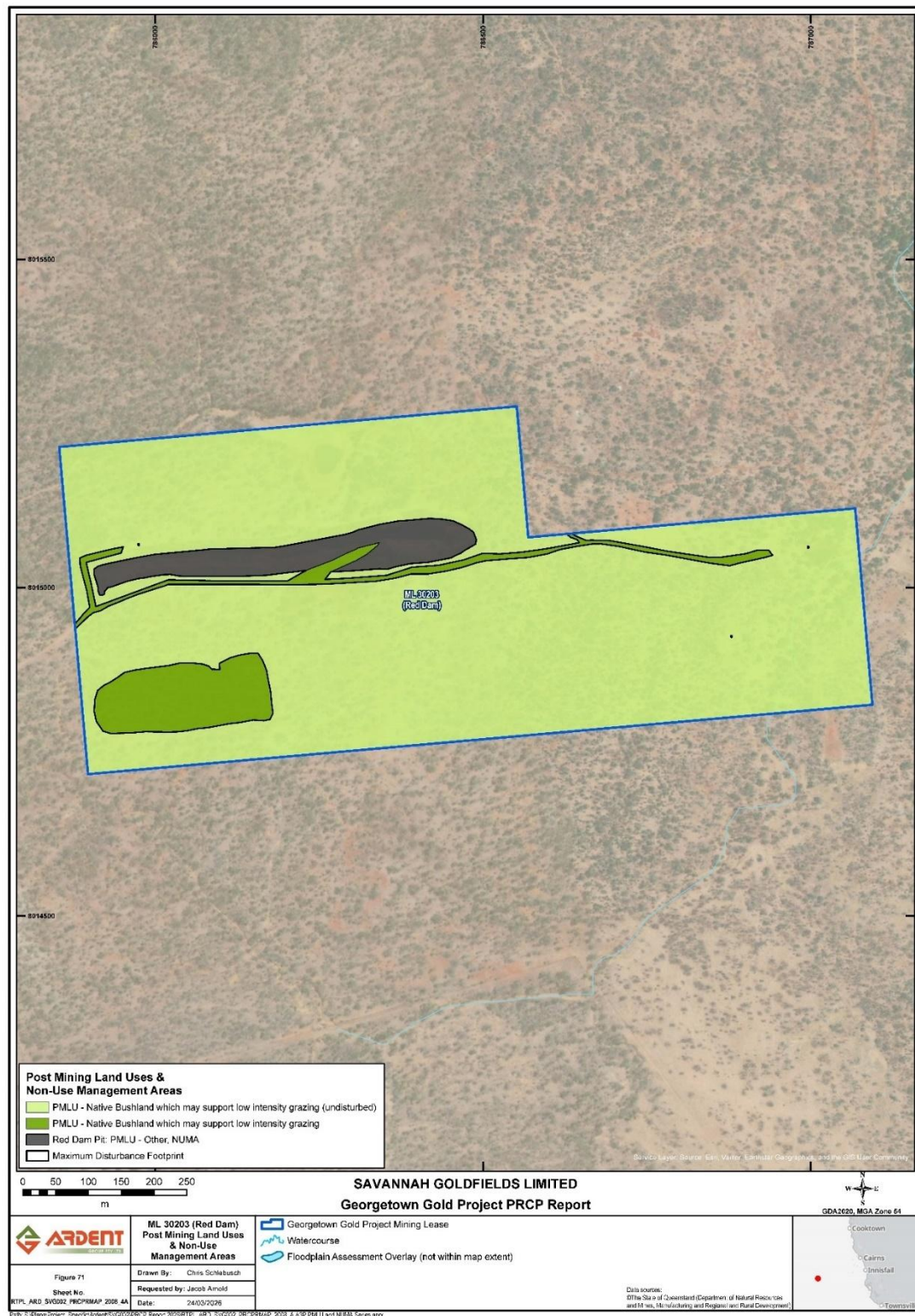


Figure 5 - Final Site Design Try No More (ML3358)

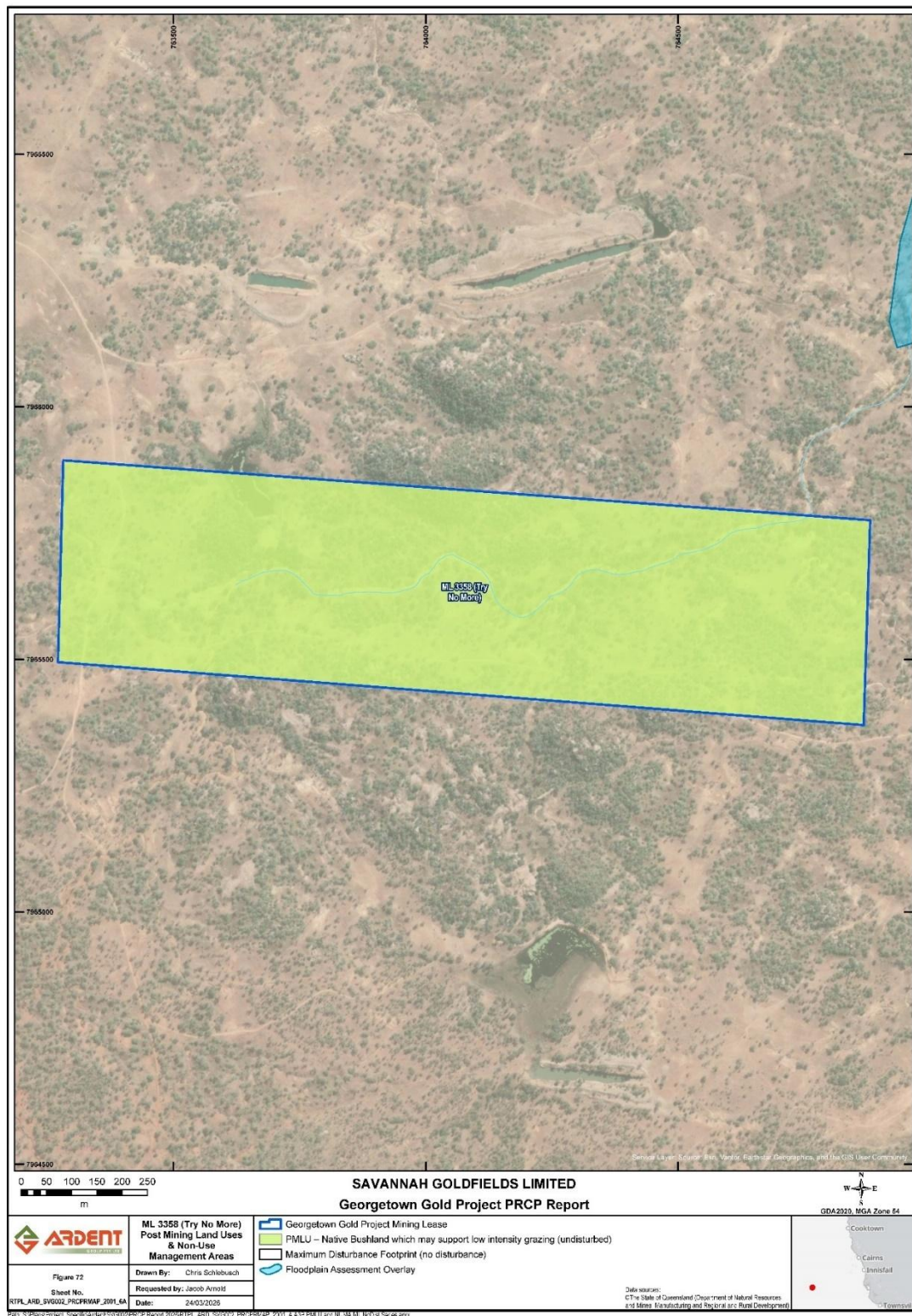


Figure 6 - Final Site Design Phily's (ML30192)

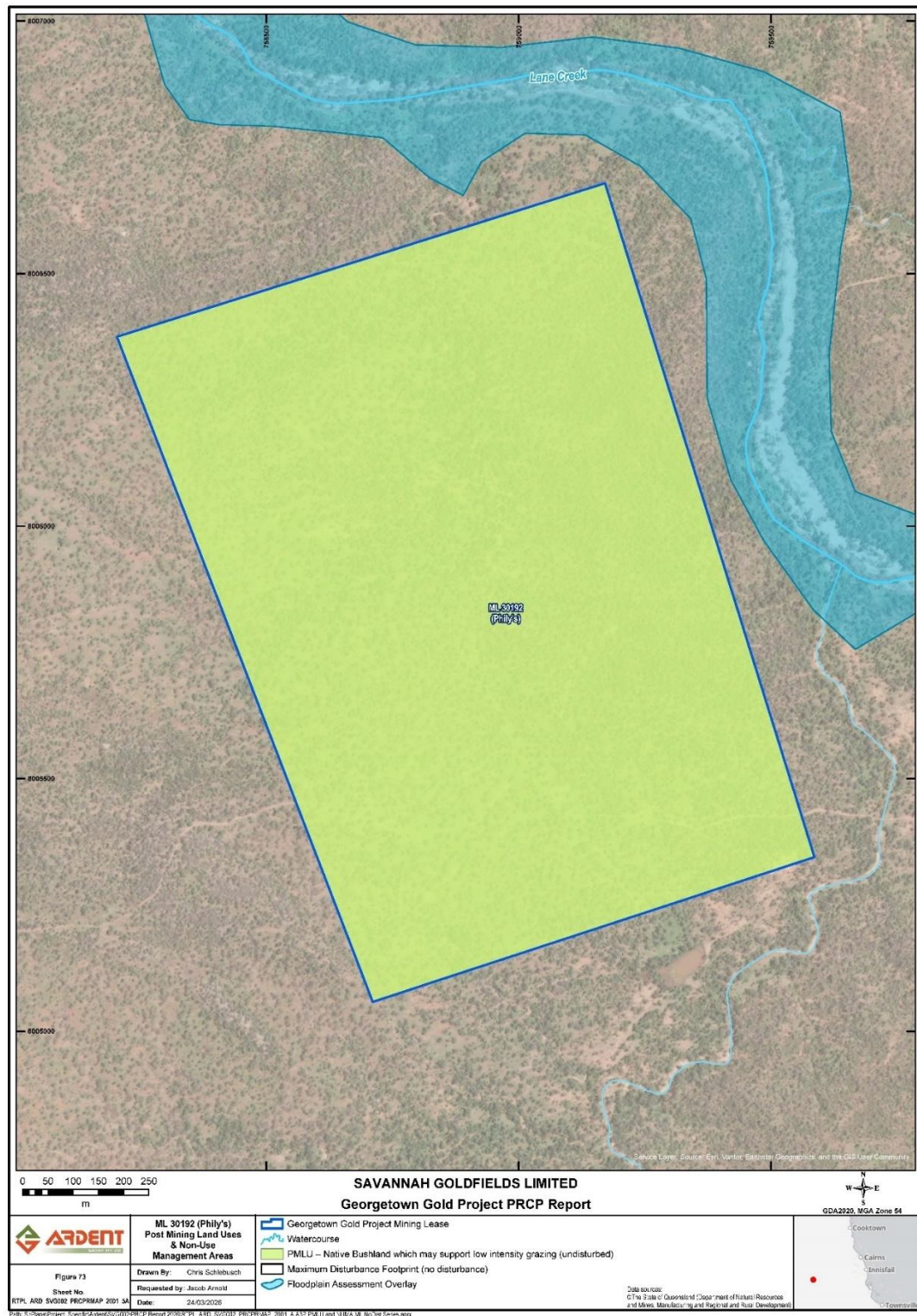


Figure 7 – Final Site Design Rhyolite (ML30193)

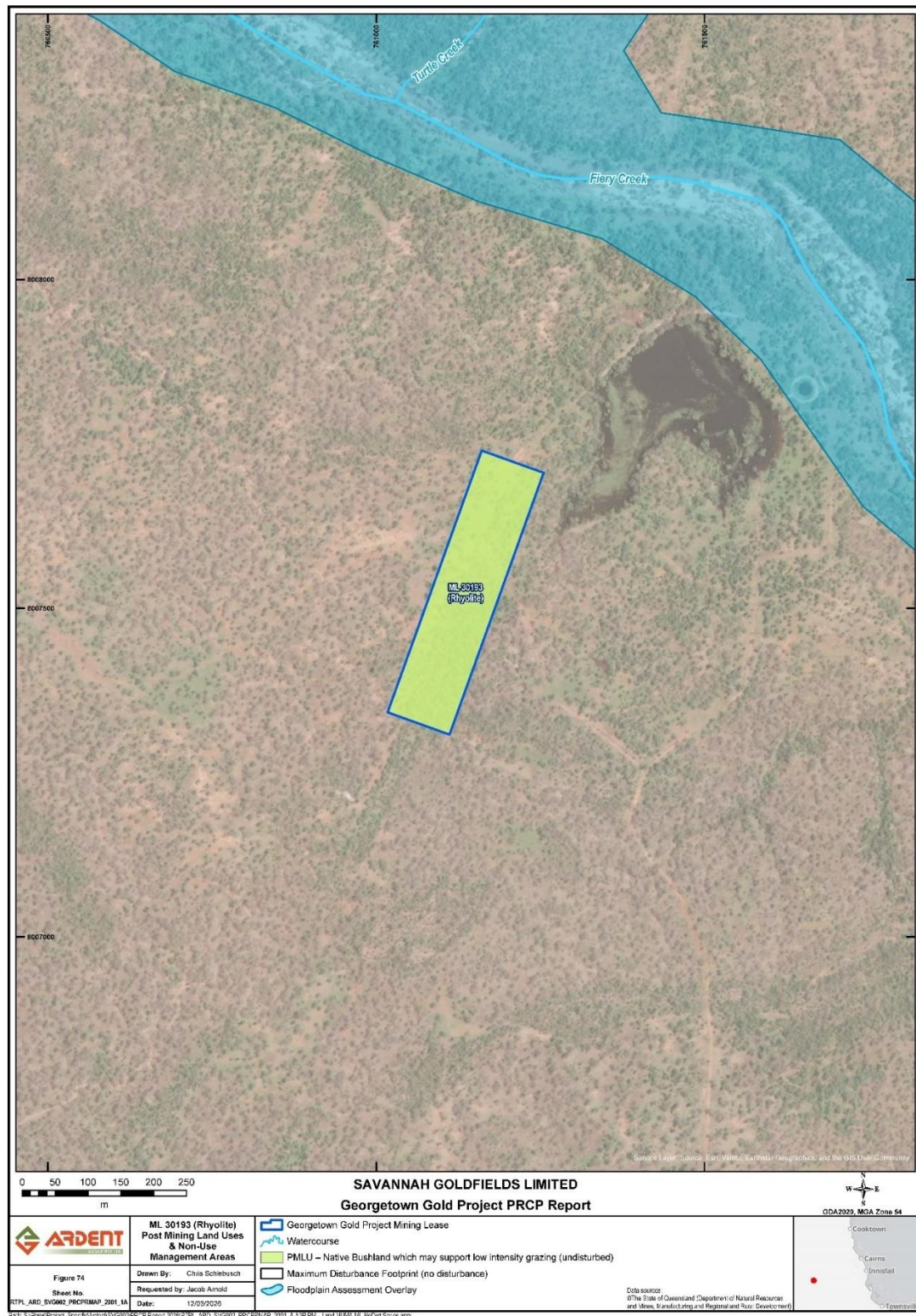


Figure 8 - Final Site Design Tom's (ML30195)

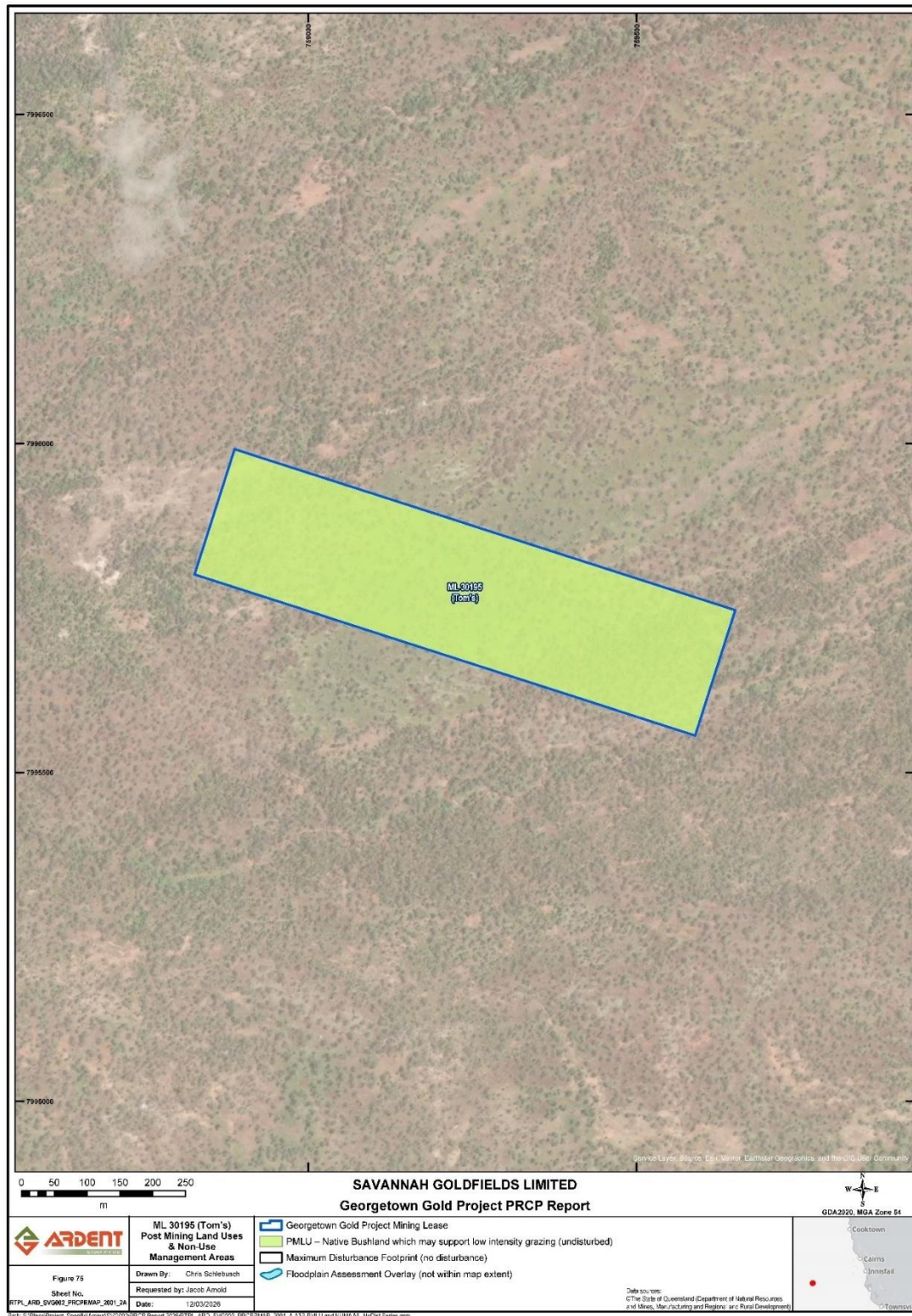


Figure 9 - Final Site Design Sir William Alfred (ML30196)

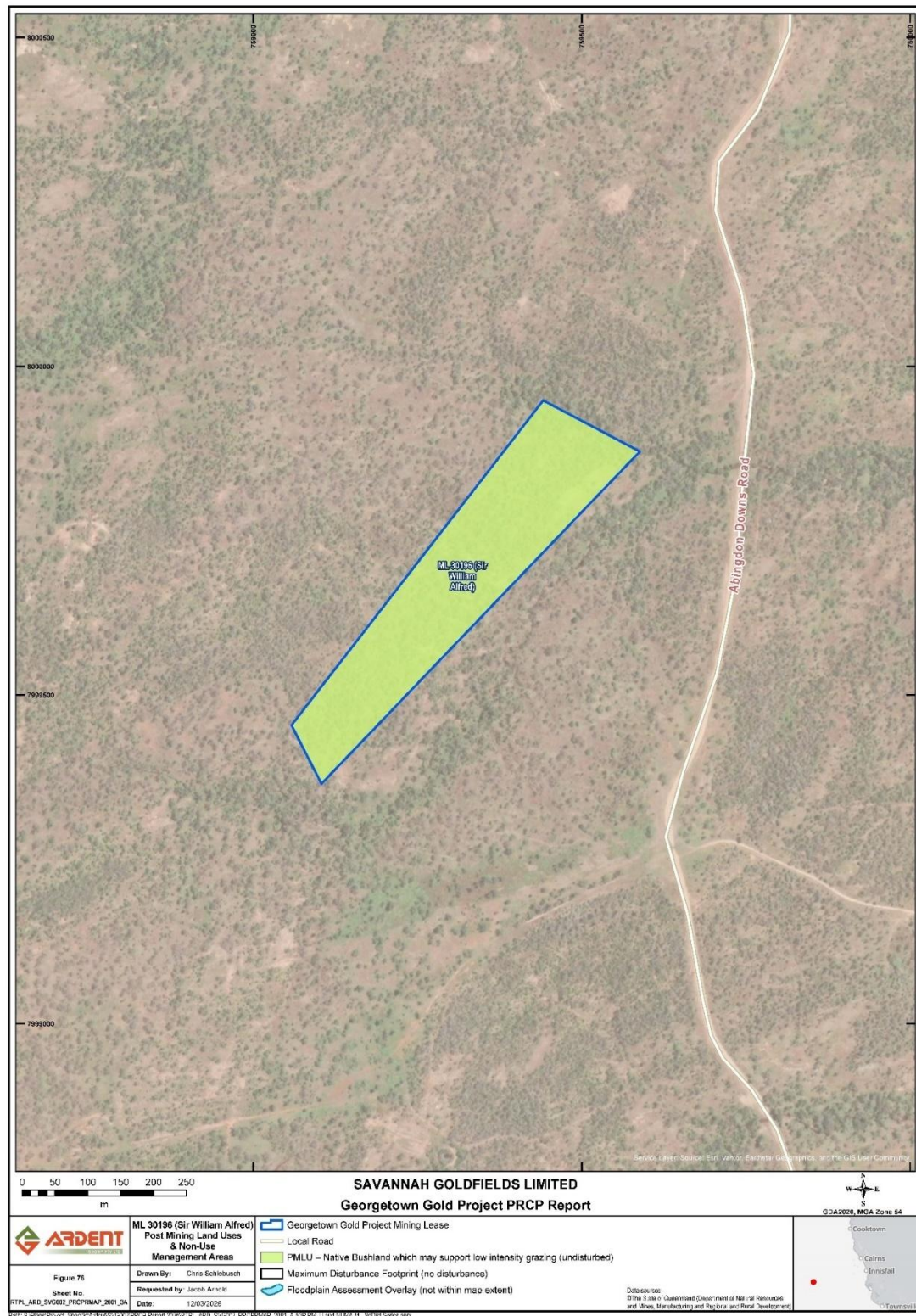


Figure 10 - Final Site Design Abe's (ML30201)

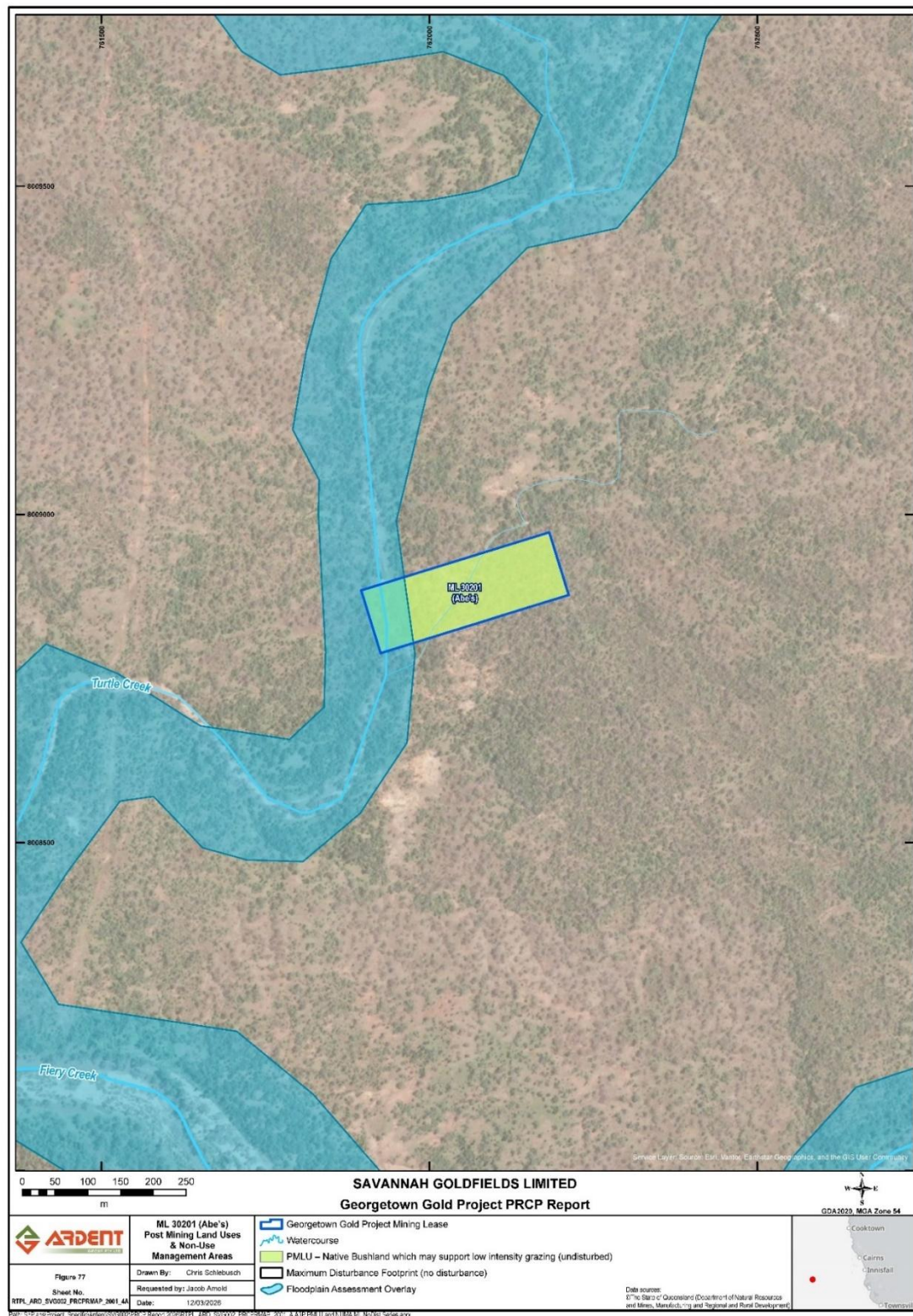


Figure 11 – Reference Map Plant Site (ML3409, ML3540, ML3591)

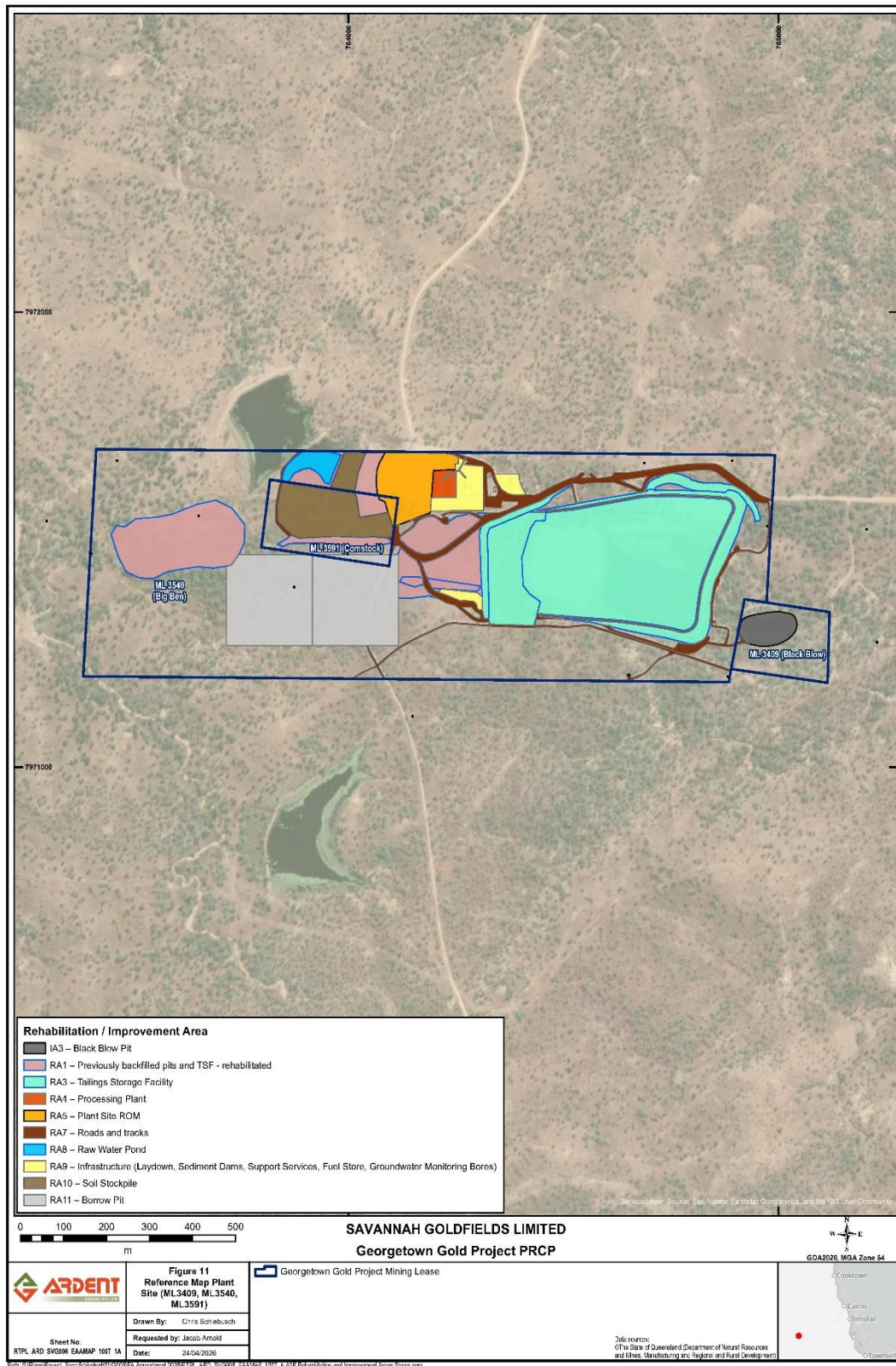


Figure 12 – Reference Map Jubilee Plunger (ML3374)

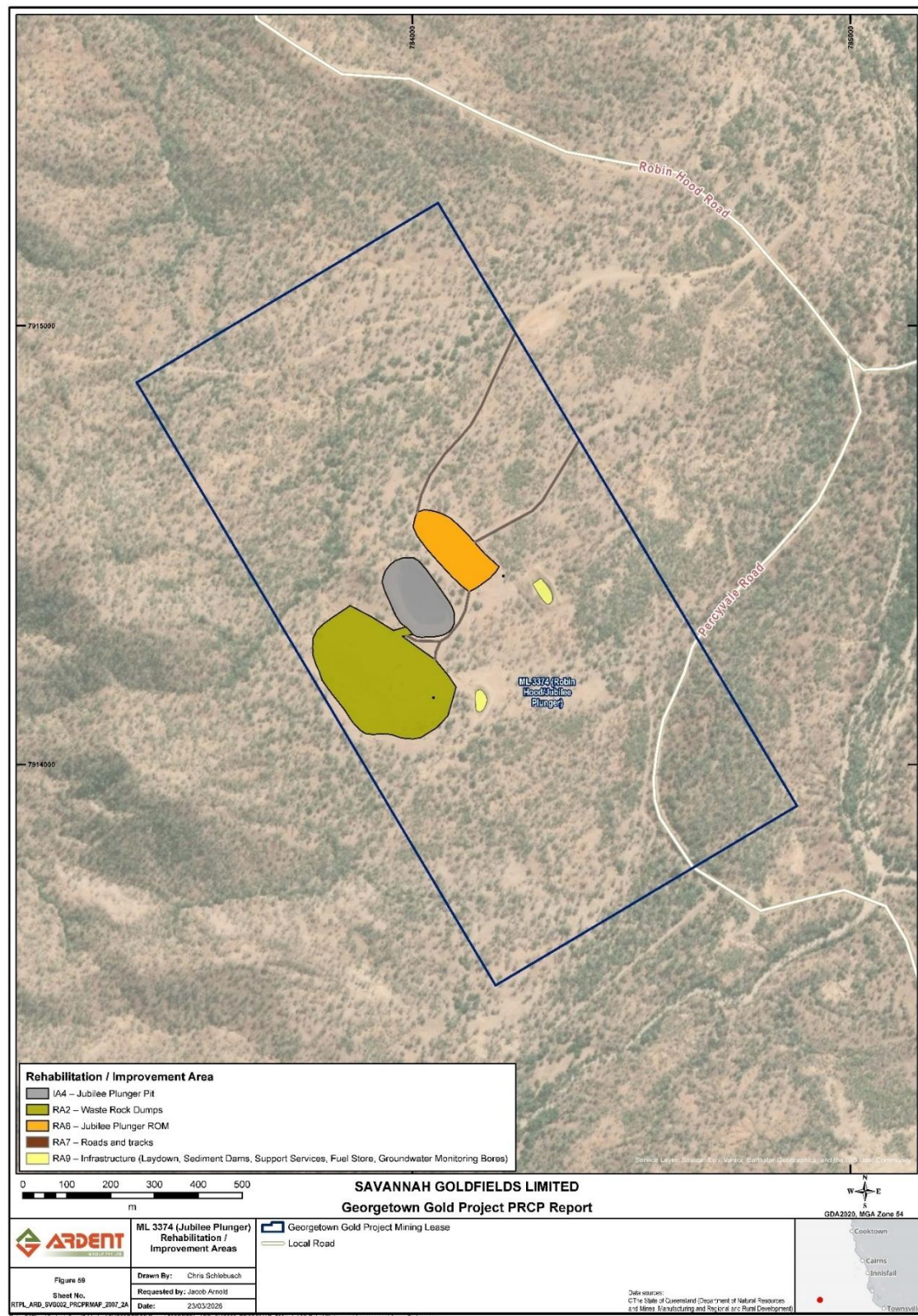


Figure 13 – Reference Map Electric Light (ML3548)

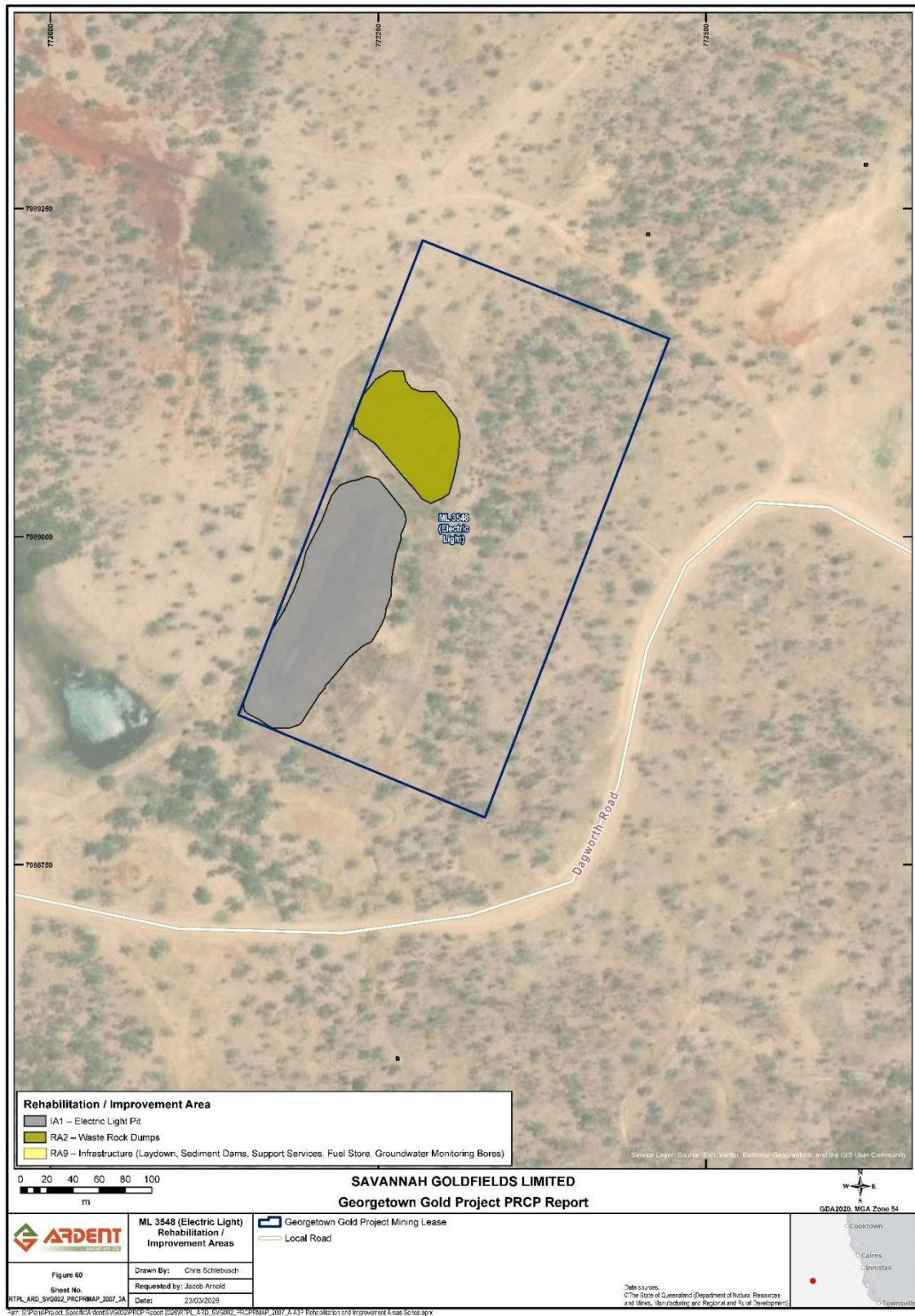


Figure 14 – Reference Map Red Dam (ML30203)

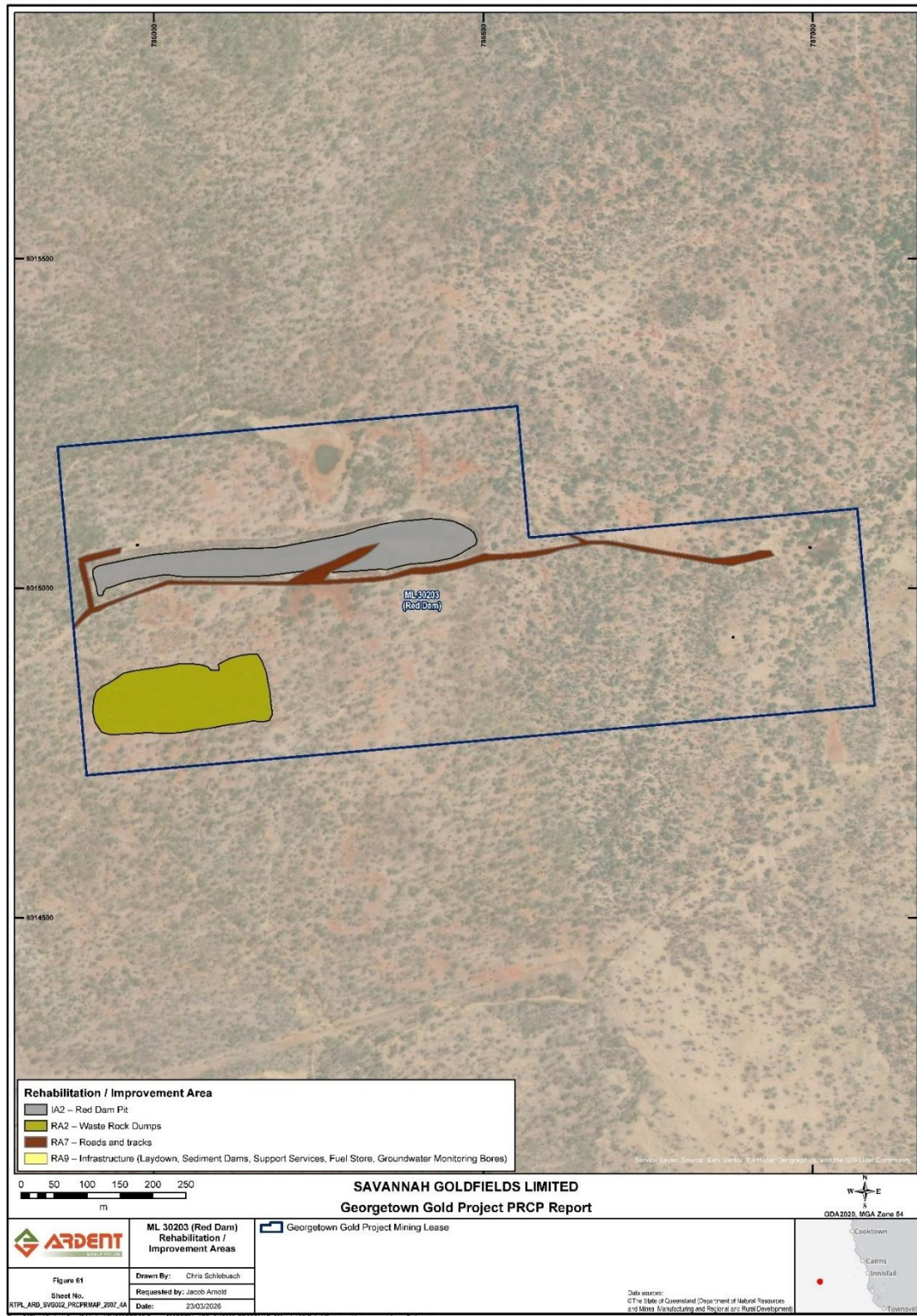


Figure 15 – Reference Map Try No More (ML3358)



Figure 16 – Reference Map Phily's (ML30192)

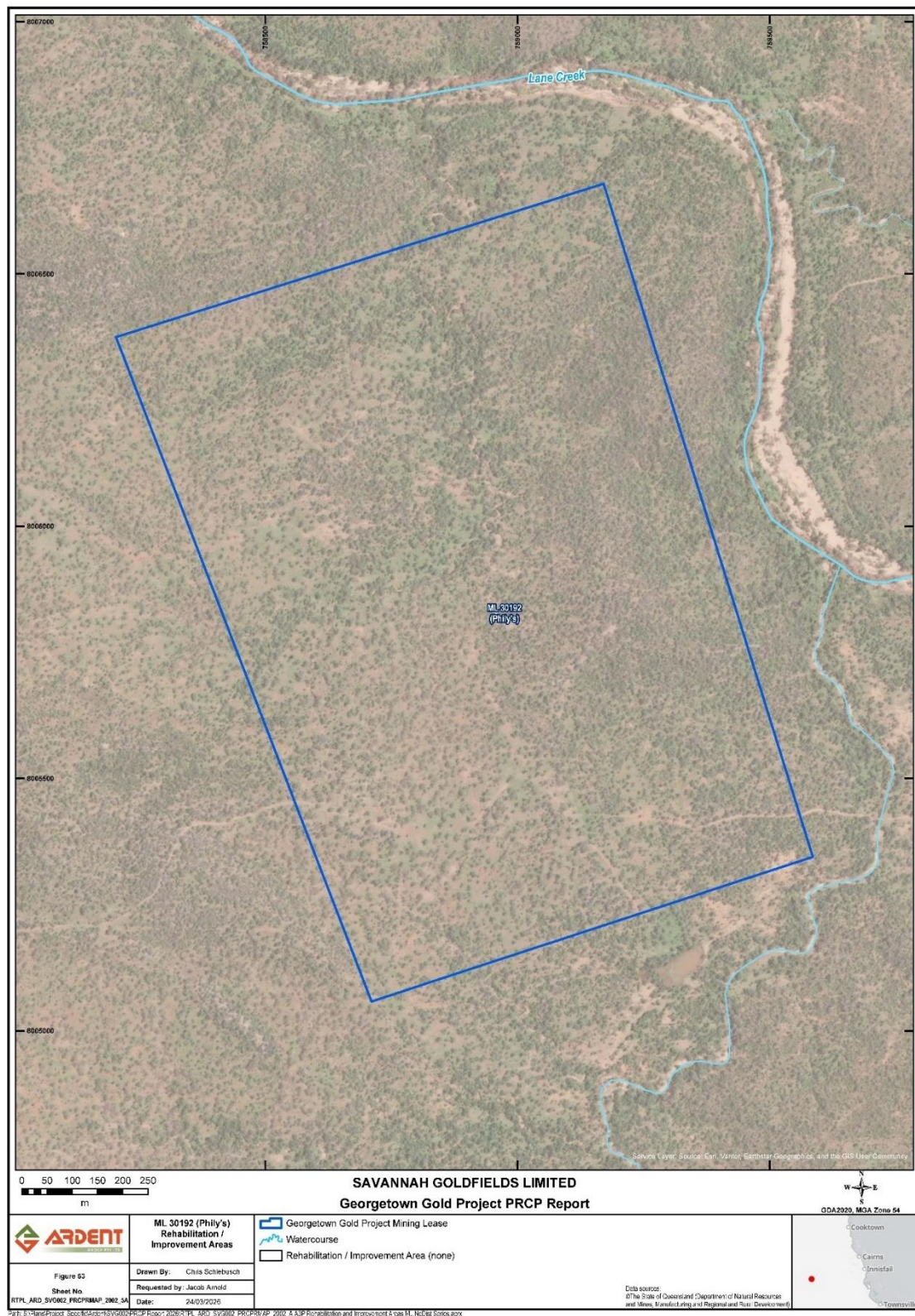


Figure 17 – Reference Map Rhyolite (ML30193)

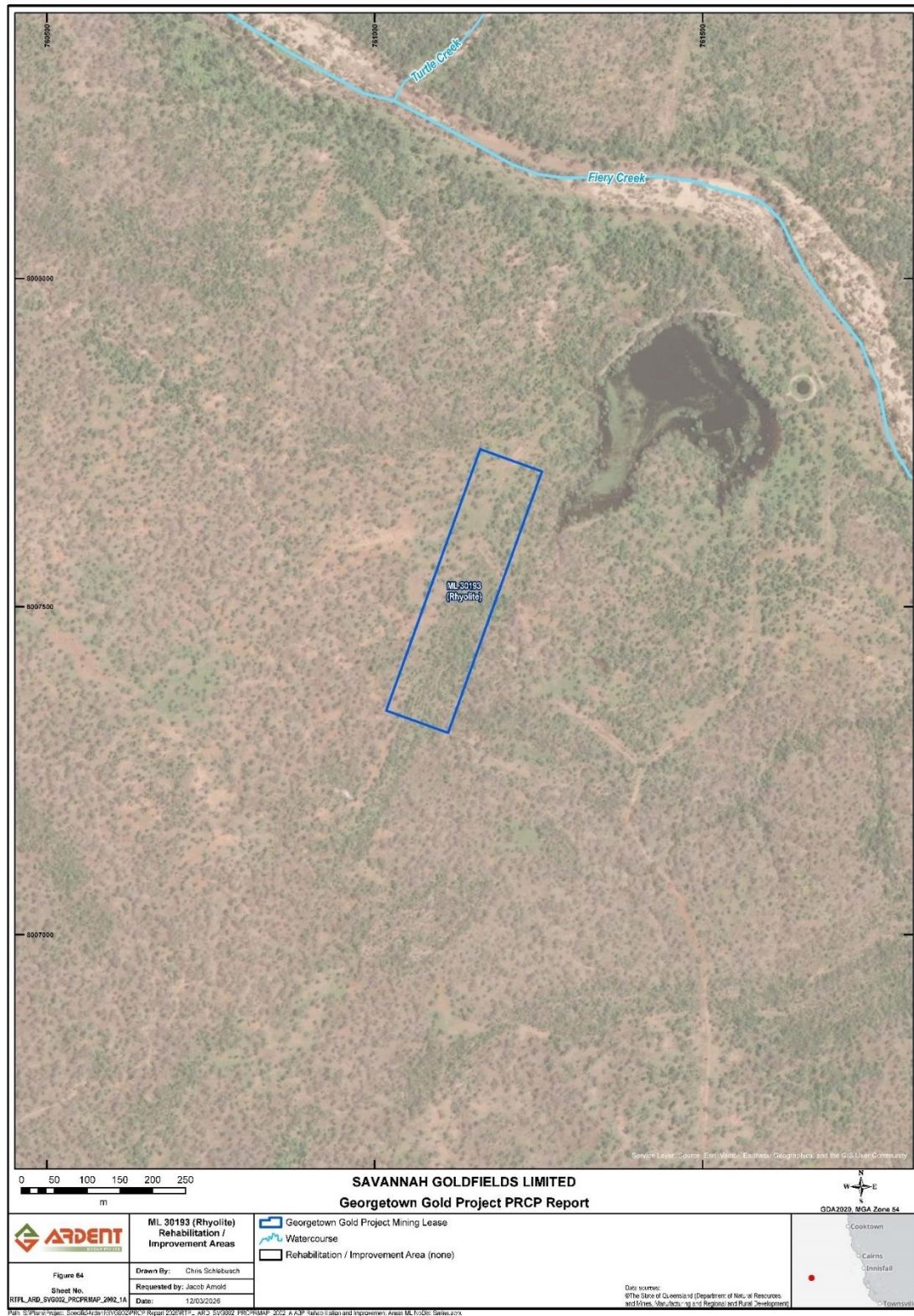


Figure 18 - Reference Map Tom's (ML30195)

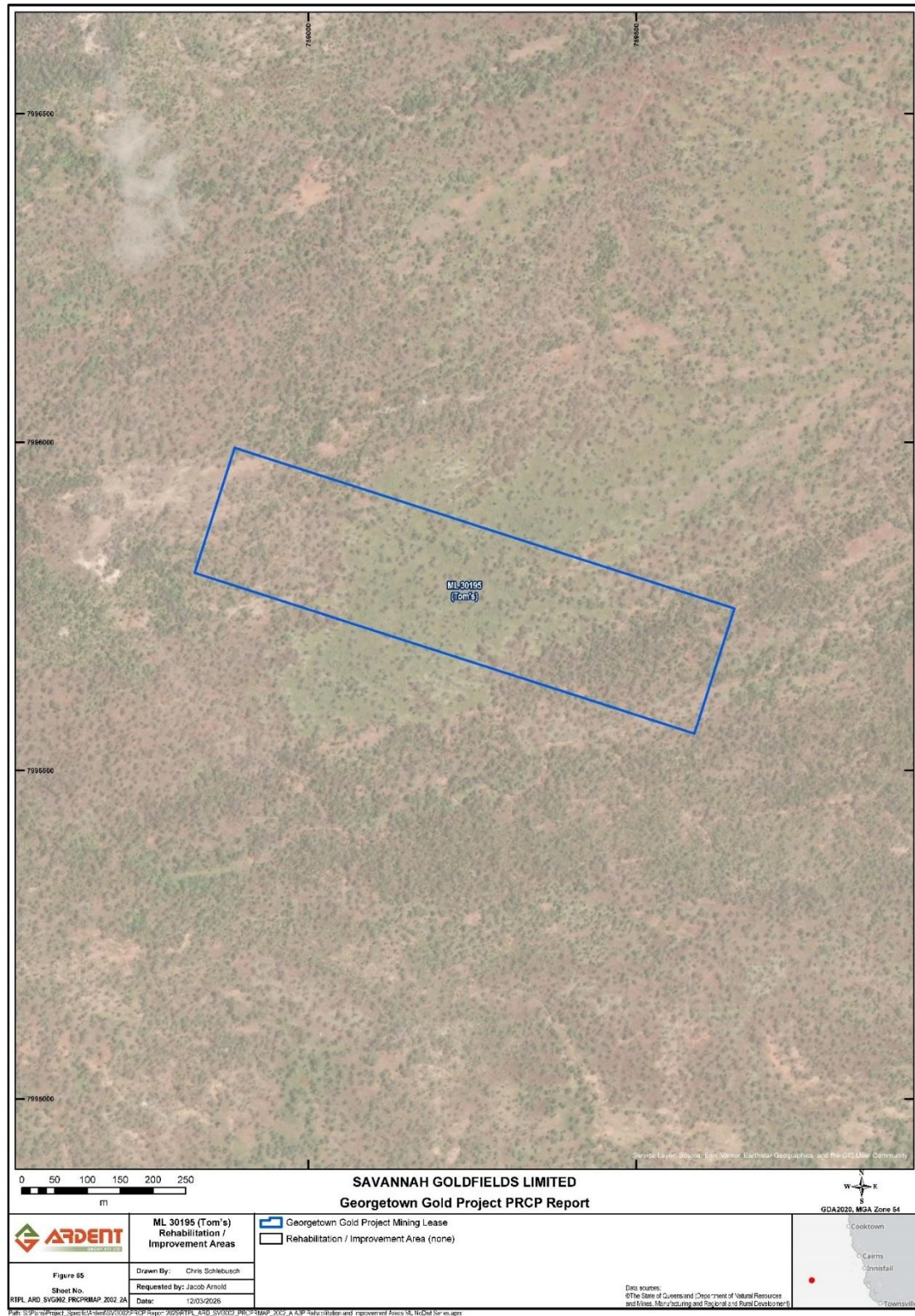


Figure 19 – Reference Map Sir William Alfred (ML30196)



**Figure 20 – Reference Map Abe's (ML30201)**



4 Section D – Post mining land uses

| Milestone reference | Rehabilitation milestone                                     | Rehabilitation Area                                     |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                |                                                         |                                                         |                                                         |
|---------------------|--------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|----------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
|                     |                                                              | RA1                                                     | RA2                                                     | RA3                                                     | RA4                                                     | RA5                                                     | RA6                                                     | RA7                                                     | RA8            | RA9                                                     | RA10                                                    | RA11                                                    |
|                     |                                                              | Pit and TSF                                             | WRD                                                     | TSF                                                     | Processing Plant                                        | ROM                                                     | ROM                                                     | Roads                                                   | Raw water pond | Infrastructure                                          | Soil stockpile                                          | Borrow Pits                                             |
|                     |                                                              | Native Bushland which may support low intensity grazing | Native Bushland which may support low intensity grazing | Native Bushland which may support low intensity grazing | Native Bushland which may support low intensity grazing | Native Bushland which may support low intensity grazing | Native Bushland which may support low intensity grazing | Native Bushland which may support low intensity grazing | Water storage  | Native Bushland which may support low intensity grazing | Native Bushland which may support low intensity grazing | Native Bushland which may support low intensity grazing |
| RM1                 | Infrastructure decommissioning and removal                   |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                |                                                         |                                                         |                                                         |
| RM2                 | Identification, remediation and removal of contaminated land |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                |                                                         |                                                         |                                                         |
| RM3                 | Landform development and reshaping / reprofiling             |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                |                                                         |                                                         |                                                         |
| RM4                 | Installation of a cover system                               |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                |                                                         |                                                         |                                                         |
| RM5                 | Surface preparation                                          |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                |                                                         |                                                         |                                                         |
| RM6                 | Revegetation                                                 |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                |                                                         |                                                         |                                                         |
| RM7                 | Achievement of surface requirements                          |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                |                                                         |                                                         |                                                         |
| RM8                 | Achievement of post-mining land use to a stable condition    |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                |                                                         |                                                         |                                                         |

## 4.1 (RA1) Rehabilitation area 1

| Post-mining land uses (PMLU)         |                               |                                                         |            |            |            |            |
|--------------------------------------|-------------------------------|---------------------------------------------------------|------------|------------|------------|------------|
| Rehabilitation area                  |                               | RA1                                                     |            |            |            |            |
| Relevant activities                  |                               | Previously backfilled pits and TSF – rehabilitated      |            |            |            |            |
| Total rehabilitation area size (ha)  |                               | 7.85                                                    |            |            |            |            |
| Commencement of first milestone: RM1 |                               | 10/12/2035                                              |            |            |            |            |
| PMLU                                 |                               | Native Bushland which may support low intensity grazing |            |            |            |            |
| Date area is available               | 10/12/2035                    | 10/12/2036                                              | 10/12/2037 | 10/12/2038 | 10/12/2039 | 10/12/2044 |
| Cumulative area available (ha)       | 7.85                          | 7.85                                                    | 7.85       | 7.85       | 7.85       | 7.85       |
| Milestone completed by               | 10/12/2036                    | 10/12/2037                                              | 10/12/2038 | 10/12/2039 | 10/12/2044 | 10/12/2054 |
| Milestone Reference                  | Cumulative area achieved (ha) |                                                         |            |            |            |            |
| RM1                                  | 7.85                          |                                                         |            |            |            |            |
| RM3                                  |                               | 7.85                                                    |            |            |            |            |
| RM5                                  |                               |                                                         | 7.85       |            |            |            |
| RM6                                  |                               |                                                         |            | 7.85       |            |            |
| RM7                                  |                               |                                                         |            |            | 7.85       |            |
| RM8                                  |                               |                                                         |            |            |            | 7.85       |

## 4.2 (RA2) Rehabilitation area 2

| Post-mining land uses (PMLU)         |                                                         |            |            |            |            |            |            |
|--------------------------------------|---------------------------------------------------------|------------|------------|------------|------------|------------|------------|
| Rehabilitation area                  | RA2                                                     |            |            |            |            |            |            |
| Relevant activities                  | Waste Rock Dump (WRD)                                   |            |            |            |            |            |            |
| Total rehabilitation area size (ha)  | 9.457                                                   |            |            |            |            |            |            |
| Commencement of first milestone: RM1 | 10/12/2036                                              |            |            |            |            |            |            |
| PMLU                                 | Native Bushland which may support low intensity grazing |            |            |            |            |            |            |
| Date area is available               | 10/12/2036                                              | 10/12/2037 | 10/12/2038 | 10/12/2039 | 10/12/2040 | 10/12/2041 | 10/12/2046 |
| Cumulative area available (ha)       | 9.457                                                   | 9.457      | 9.457      | 9.457      | 9.457      | 9.457      | 9.457      |
| Milestone completed by               | 10/12/2037                                              | 10/12/2038 | 10/12/2039 | 10/12/2040 | 10/12/2041 | 10/12/2046 | 10/12/2056 |
| Milestone Reference                  | Cumulative area achieved (ha)                           |            |            |            |            |            |            |
| RM1                                  | 9.457                                                   |            |            |            |            |            |            |
| RM3                                  |                                                         | 9.457      |            |            |            |            |            |
| RM4                                  |                                                         |            | 9.457      |            |            |            |            |
| RM5                                  |                                                         |            |            | 9.457      |            |            |            |
| RM6                                  |                                                         |            |            |            | 9.457      |            |            |
| RM7                                  |                                                         |            |            |            |            | 9.457      |            |
| RM8                                  |                                                         |            |            |            |            |            | 9.457      |

### 4.3 (RA3) Rehabilitation area 3

| Post-mining land uses (PMLU)         |                                                         |            |            |            |            |            |            |
|--------------------------------------|---------------------------------------------------------|------------|------------|------------|------------|------------|------------|
| Rehabilitation area                  | RA3                                                     |            |            |            |            |            |            |
| Relevant activities                  | Tailings Storage Facility (TSF)                         |            |            |            |            |            |            |
| Total rehabilitation area size (ha)  | 16.26                                                   |            |            |            |            |            |            |
| Commencement of first milestone: RM1 | 10/12/2036                                              |            |            |            |            |            |            |
| PMLU                                 | Native Bushland which may support low intensity grazing |            |            |            |            |            |            |
| Date area is available               | 10/12/2036                                              | 10/12/2037 | 10/12/2038 | 10/12/2039 | 10/12/2040 | 10/12/2041 | 10/12/2046 |
| Cumulative area available (ha)       | 16.26                                                   | 16.26      | 16.26      | 16.26      | 16.26      | 16.26      | 16.26      |
| Milestone completed by               | 10/12/2037                                              | 10/12/2038 | 10/12/2039 | 10/12/2040 | 10/12/2041 | 10/12/2046 | 10/12/2056 |
| Milestone Reference                  | Cumulative area achieved (ha)                           |            |            |            |            |            |            |
| RM1                                  | 16.26                                                   |            |            |            |            |            |            |
| RM3                                  |                                                         | 16.26      |            |            |            |            |            |
| RM4                                  |                                                         |            | 16.26      |            |            |            |            |
| RM5                                  |                                                         |            |            | 16.26      |            |            |            |
| RM6                                  |                                                         |            |            |            | 16.26      |            |            |
| RM7                                  |                                                         |            |            |            |            | 16.26      |            |
| RM8                                  |                                                         |            |            |            |            |            | 16.26      |

## 4.4 (RA4) Rehabilitation area 4

| Post-mining land uses (PMLU)         |                                                         |            |            |            |            |            |            |
|--------------------------------------|---------------------------------------------------------|------------|------------|------------|------------|------------|------------|
| Rehabilitation area                  | RA4                                                     |            |            |            |            |            |            |
| Relevant activities                  | Processing Plant                                        |            |            |            |            |            |            |
| Total rehabilitation area size (ha)  | 0.326                                                   |            |            |            |            |            |            |
| Commencement of first milestone: RM1 | 10/12/2036                                              |            |            |            |            |            |            |
| PMLU                                 | Native Bushland which may support low intensity grazing |            |            |            |            |            |            |
| Date area is available               | 10/12/2036                                              | 10/12/2037 | 10/12/2038 | 10/12/2039 | 10/12/2040 | 10/12/2041 | 10/12/2046 |
| Cumulative area available (ha)       | 0.326                                                   | 0.326      | 0.326      | 0.326      | 0.326      | 0.326      | 0.326      |
| Milestone completed by               | 10/12/2037                                              | 10/12/2038 | 10/12/2039 | 10/12/2040 | 10/12/2041 | 10/12/2046 | 10/12/2056 |
| Milestone Reference                  | Cumulative area achieved (ha)                           |            |            |            |            |            |            |
| RM1                                  | 0.326                                                   |            |            |            |            |            |            |
| RM2                                  |                                                         | 0.326      |            |            |            |            |            |
| RM3                                  |                                                         |            | 0.326      |            |            |            |            |
| RM5                                  |                                                         |            |            | 0.326      |            |            |            |
| RM6                                  |                                                         |            |            |            | 0.326      |            |            |
| RM7                                  |                                                         |            |            |            |            | 0.326      |            |
| RM8                                  |                                                         |            |            |            |            |            | 0.326      |

## 4.5 (RA5) Rehabilitation area 5

| Post-mining land uses (PMLU)         |                                                         |            |            |            |            |            |            |
|--------------------------------------|---------------------------------------------------------|------------|------------|------------|------------|------------|------------|
| Rehabilitation area                  | RA5                                                     |            |            |            |            |            |            |
| Relevant activities                  | Plant Site ROM                                          |            |            |            |            |            |            |
| Total rehabilitation area size (ha)  | 1.989                                                   |            |            |            |            |            |            |
| Commencement of first milestone: RM1 | 10/12/2036                                              |            |            |            |            |            |            |
| PMLU                                 | Native Bushland which may support low intensity grazing |            |            |            |            |            |            |
| Date area is available               | 10/12/2036                                              | 10/12/2037 | 10/12/2038 | 10/12/2039 | 10/12/2040 | 10/12/2041 | 10/12/2046 |
| Cumulative area available (ha)       | 1.989                                                   | 1.989      | 1.989      | 1.989      | 1.989      | 1.989      | 1.989      |
| Milestone completed by               | 10/12/2037                                              | 10/12/2038 | 10/12/2039 | 10/12/2040 | 10/12/2041 | 10/12/2046 | 10/12/2056 |
| Milestone Reference                  | Cumulative area achieved (ha)                           |            |            |            |            |            |            |
| RM1                                  | 1.989                                                   |            |            |            |            |            |            |
| RM2                                  |                                                         | 1.989      |            |            |            |            |            |
| RM3                                  |                                                         |            | 1.989      |            |            |            |            |
| RM5                                  |                                                         |            |            | 1.989      |            |            |            |
| RM6                                  |                                                         |            |            |            | 1.989      |            |            |
| RM7                                  |                                                         |            |            |            |            | 1.989      |            |
| RM8                                  |                                                         |            |            |            |            |            | 1.989      |

## 4.6 (RA6) Rehabilitation area 6

| Post-mining land uses (PMLU)         |                                                         |            |            |            |            |            |            |
|--------------------------------------|---------------------------------------------------------|------------|------------|------------|------------|------------|------------|
| Rehabilitation area                  | RA6                                                     |            |            |            |            |            |            |
| Relevant activities                  | Jubilee Plunger ROM                                     |            |            |            |            |            |            |
| Total rehabilitation area size (ha)  | 1.806                                                   |            |            |            |            |            |            |
| Commencement of first milestone: RM1 | 10/12/2036                                              |            |            |            |            |            |            |
| PMLU                                 | Native Bushland which may support low intensity grazing |            |            |            |            |            |            |
| Date area is available               | 10/12/2036                                              | 10/12/2037 | 10/12/2038 | 10/12/2039 | 10/12/2040 | 10/12/2041 | 10/12/2046 |
| Cumulative area available (ha)       | 1.806                                                   | 1.806      | 1.806      | 1.806      | 1.806      | 1.806      | 1.806      |
| Milestone completed by               | 10/12/2037                                              | 10/12/2038 | 10/12/2039 | 10/12/2040 | 10/12/2041 | 10/12/2046 | 10/12/2056 |
| Milestone Reference                  | Cumulative area achieved (ha)                           |            |            |            |            |            |            |
| RM1                                  | 1.806                                                   |            |            |            |            |            |            |
| RM2                                  |                                                         | 1.806      |            |            |            |            |            |
| RM3                                  |                                                         |            | 1.806      |            |            |            |            |
| RM5                                  |                                                         |            |            | 1.806      |            |            |            |
| RM6                                  |                                                         |            |            |            | 1.806      |            |            |
| RM7                                  |                                                         |            |            |            |            | 1.806      |            |
| RM8                                  |                                                         |            |            |            |            |            | 1.806      |

## 4.7 (RA7) Rehabilitation area 7

| Post-mining land uses (PMLU)         |                                                         |            |            |            |            |            |
|--------------------------------------|---------------------------------------------------------|------------|------------|------------|------------|------------|
| Rehabilitation area                  | RA7                                                     |            |            |            |            |            |
| Relevant activities                  | Roads and tracks                                        |            |            |            |            |            |
| Total rehabilitation area size (ha)  | 5.51                                                    |            |            |            |            |            |
| Commencement of first milestone: RM1 | 10/12/2039                                              |            |            |            |            |            |
| PMLU                                 | Native Bushland which may support low intensity grazing |            |            |            |            |            |
| Date area is available               | 10/12/2039                                              | 10/12/2040 | 10/12/2041 | 10/12/2042 | 10/12/2043 | 10/12/2048 |
| Cumulative area available (ha)       | 5.51                                                    | 5.51       | 5.51       | 5.51       | 5.51       | 5.51       |
| Milestone completed by               | 10/12/2040                                              | 10/12/2041 | 10/12/2042 | 10/12/2043 | 10/12/2048 | 10/12/2058 |
| Milestone Reference                  | Cumulative area achieved (ha)                           |            |            |            |            |            |
| RM1                                  | 5.51                                                    |            |            |            |            |            |
| RM3                                  |                                                         | 5.51       |            |            |            |            |
| RM5                                  |                                                         |            | 5.51       |            |            |            |
| RM6                                  |                                                         |            |            | 5.51       |            |            |
| RM7                                  |                                                         |            |            |            | 5.51       |            |
| RM8                                  |                                                         |            |            |            |            | 5.51       |

## 4.8 (RA8) Rehabilitation area 8

| Post-mining land uses (PMLU)         |                               |            |
|--------------------------------------|-------------------------------|------------|
| Rehabilitation area                  | RA8                           |            |
| Relevant activities                  | Raw Water Pond                |            |
| Total rehabilitation area size (ha)  | 0.571                         |            |
| Commencement of first milestone: RM1 | 10/12/2037                    |            |
| PMLU                                 | Water Storage                 |            |
| Date area is available               | 10/12/2037                    | 10/12/2038 |
| Cumulative area available (ha)       | 0.571                         | 0.571      |
| Milestone completed by               | 10/12/2038                    | 10/12/2043 |
| Milestone Reference                  | Cumulative area achieved (ha) |            |
| RM1                                  | 0.571                         |            |
| RM8                                  |                               | 0.571      |

## 4.9 (RA9) Rehabilitation area 9

| Post-mining land uses (PMLU)         |                                                                                                     |            |            |            |            |            |            |
|--------------------------------------|-----------------------------------------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|
| Rehabilitation area                  | RA9                                                                                                 |            |            |            |            |            |            |
| Relevant activities                  | Infrastructure (Laydown, Sediment Dams, Support Services, Fuel Store, Groundwater Monitoring Bores) |            |            |            |            |            |            |
| Total rehabilitation area size (ha)  | 1.511                                                                                               |            |            |            |            |            |            |
| Commencement of first milestone: RM1 | 10/12/2036                                                                                          |            |            |            |            |            |            |
| PMLU                                 | Native Bushland which may support low intensity grazing                                             |            |            |            |            |            |            |
| Date area is available               | 10/12/2036                                                                                          | 10/12/2037 | 10/12/2038 | 10/12/2039 | 10/12/2040 | 10/12/2041 | 10/12/2046 |
| Cumulative area available (ha)       | 1.511                                                                                               | 1.511      | 1.511      | 1.511      | 1.511      | 1.511      | 1.511      |
| Milestone completed by               | 10/12/2037                                                                                          | 10/12/2038 | 10/12/2039 | 10/12/2040 | 10/12/2041 | 10/12/2046 | 10/12/2056 |
| Milestone Reference                  | Cumulative area achieved (ha)                                                                       |            |            |            |            |            |            |
| RM1                                  | 1.511                                                                                               |            |            |            |            |            |            |
| RM2                                  |                                                                                                     | 1.511      |            |            |            |            |            |
| RM3                                  |                                                                                                     |            | 1.511      |            |            |            |            |
| RM5                                  |                                                                                                     |            |            | 1.511      |            |            |            |
| RM6                                  |                                                                                                     |            |            |            | 1.511      |            |            |
| RM7                                  |                                                                                                     |            |            |            |            | 1.511      |            |
| RM8                                  |                                                                                                     |            |            |            |            |            | 1.511      |

## 4.10 (RA10) Rehabilitation area 10

| Post-mining land uses (PMLU)         |                                                         |            |            |            |            |            |
|--------------------------------------|---------------------------------------------------------|------------|------------|------------|------------|------------|
| Rehabilitation area                  | RA10                                                    |            |            |            |            |            |
| Relevant activities                  | Soil stockpile                                          |            |            |            |            |            |
| Total rehabilitation area size (ha)  | 2.783                                                   |            |            |            |            |            |
| Commencement of first milestone: RM1 | 10/12/2039                                              |            |            |            |            |            |
| PMLU                                 | Native Bushland which may support low intensity grazing |            |            |            |            |            |
| Date area is available               | 10/12/2039                                              | 10/12/2040 | 10/12/2041 | 10/12/2042 | 10/12/2043 | 10/12/2048 |
| Cumulative area available (ha)       | 2.783                                                   | 2.783      | 2.783      | 2.783      | 2.783      | 2.783      |
| Milestone completed by               | 10/12/2040                                              | 10/12/2041 | 10/12/2042 | 10/12/2043 | 10/12/2048 | 10/12/2058 |
| Milestone Reference                  | Cumulative area achieved (ha)                           |            |            |            |            |            |
| RM1                                  | 2.783                                                   |            |            |            |            |            |
| RM3                                  |                                                         | 2.783      |            |            |            |            |
| RM5                                  |                                                         |            | 2.783      |            |            |            |
| RM6                                  |                                                         |            |            | 2.783      |            |            |
| RM7                                  |                                                         |            |            |            | 2.783      |            |
| RM8                                  |                                                         |            |            |            |            | 2.783      |

## 4.11 (RA11) Rehabilitation area 11

| Post-mining land uses (PMLU)         |                                                         |            |            |            |            |            |
|--------------------------------------|---------------------------------------------------------|------------|------------|------------|------------|------------|
| Rehabilitation area                  | RA11                                                    |            |            |            |            |            |
| Relevant activities                  | Borrow Pits                                             |            |            |            |            |            |
| Total rehabilitation area size (ha)  | 7.95                                                    |            |            |            |            |            |
| Commencement of first milestone: RM1 | 10/12/2039                                              |            |            |            |            |            |
| PMLU                                 | Native Bushland which may support low intensity grazing |            |            |            |            |            |
| Date area is available               | 10/12/2039                                              | 10/12/2040 | 10/12/2041 | 10/12/2042 | 10/12/2043 | 10/12/2048 |
| Cumulative area available (ha)       | 7.95                                                    | 7.95       | 7.95       | 7.95       | 7.95       | 7.95       |
| Milestone completed by               | 10/12/2040                                              | 10/12/2041 | 10/12/2042 | 10/12/2043 | 10/12/2048 | 10/12/2058 |
| Milestone Reference                  | Cumulative area achieved (ha)                           |            |            |            |            |            |
| RM1                                  | 7.95                                                    |            |            |            |            |            |
| RM3                                  |                                                         | 7.95       |            |            |            |            |
| RM5                                  |                                                         |            | 7.95       |            |            |            |
| RM6                                  |                                                         |            |            | 7.95       |            |            |
| RM7                                  |                                                         |            |            |            | 7.95       |            |
| RM8                                  |                                                         |            |            |            |            | 7.95       |

## 4.12 Rehabilitation area milestones

| Milestone reference | Rehabilitation milestone                                     | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RM1                 | Infrastructure Decommissioning and Removal                   | <p>1.1 With the exception of any infrastructure to remain as part of the post-mining land use (PMLU), the following are complete:</p> <ul style="list-style-type: none"> <li>(a) All services disconnected, terminated and removed;</li> <li>(b) All pipelines drained and decommissioned;</li> <li>(c) All buildings and associated infrastructure are demolished and removed;</li> <li>(d) All hardstand, concrete areas and roads (concrete, bitumen, gravel, blue metal, aggregate, etc.) removed;</li> <li>(e) All machinery and equipment not required for rehabilitation works removed from site;</li> <li>(f) All surface water drainage infrastructure removed;</li> <li>(g) All waste not authorised to be disposed of on-site under environmental authority EPML00899813 removed;</li> <li>(h) All drillholes, bores, sediment ponds and sumps decommissioned; and</li> <li>(i) All dams are dewatered and desilted.</li> </ul> <p>1.2 An independent appropriately qualified person (AQP) has certified the achievement of RM1.1.</p> |
| RM2                 | Identification, remediation and removal of contaminated land | <p>2.1 Contaminated land investigations (investigation, remediation and validation) completed by an SQP in accordance with appropriate guidance, including but not limited to the National Environment Protection (Assessment of Site Contamination) Measure (ASC NEPM) and National Remediation Framework (NRF).</p> <p>2.2 Contaminated water and sediment removed from dams.</p> <p>2.3 Contaminated and hazardous material either remediated in-situ or removed/transported to facility lawfully able to accept the material.</p> <p>2.4 Validation sampling determines that contaminant removal has been successful.</p> <p>2.5 Suitably Qualified Person certifies that no contamination unsuitable for the PMLU remains or is occurring.</p>                                                                                                                                                                                                                                                                                               |
| RM3                 | Landform Development and Reshaping / Re-profiling            | <p>3.1 All major earthworks (including reshaping, pushing/trimming) are completed in accordance</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| Milestone reference | Rehabilitation milestone       | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |                                | <p>with the design specification provided by an AQP.</p> <p>3.2 Relevant structures developed and/or reshaped, such that they are consistent with the landform closure design report (per PRCP15).</p> <p>3.3 An “As Constructed Report” prepared which details and justifies all variations to the design, including a certification that such variations will not affect the design performance.</p> <p>3.4 Constructed landform achieves geotechnical stability with a Factor of Safety (FoS) <math>\geq 1.5</math>, which includes consideration of flood stress.</p> <p>3.5 Disturbed slopes align with those stated within the landform closure design report (per PRCP15).</p> <p>3.6 Erosion and sediment control (ESC) and drainage structures are installed and functioning as per design specifications and certified by an AQP.</p> <p>3.7 An independent AQP has surveyed the final landform and certified that RM3.1-3.6 have been achieved.</p> <p><b>Tailings Storage Facility (TSF) (RA3) in addition to milestone criteria RM3.1-3.7 above:</b></p> <p>3.8 TSF embankments and surfaces have been reshaped and capped in accordance with the landform closure design report (per PRCP15).</p> <p>3.9 Final landform achieves stability with no ponding, no water retention function, and erosion-resistant cover materials in place.</p> |
| RM4                 | Installation of a cover system | <p>4.1 Landform design (per PRCP15 and detailed in PRCP16) has been reviewed and a detailed cover system design completed.</p> <p>4.2 The cover system has been installed as per design (per PRCP15).</p> <p>4.3 All potentially acid forming (PAF) material is located within an AQP designed and engineered cell, fully encapsulated in compacted non-acid forming (NAF) material.</p> <p>4.4 Capping layer surface is water shedding and does not display surface ponding.</p> <p>4.5 The cover system displays erosional stability, is geotechnically stable and supports the PMLU.</p> <p>4.6 An independent AQP has certified that RM4.1-4.5 have been achieved.</p> <p><b>Tailings Storage Facility (TSF) (RA3) in addition to milestone criteria RM4.1-4.6 above:</b></p> <p>4.7 Construction of the cover system, erosion protection and surface stabilisation works has</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| Milestone reference | Rehabilitation milestone            | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |                                     | been completed and independently certified.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RM5</b>          | Surface Preparation                 | <p>5.1 Assessment of growth media characteristics and the development of an amelioration and physical treatment plan is completed by an AQP.</p> <p>5.2 Ameliorant and physical treatments such as fertilisers, lime, gypsum and/or organic matter, are applied as identified in criteria RM5.1.</p> <p>5.3 Topsoil/growth media placement of a minimum 200mm.</p> <p>5.4 Deep ripping of compacted surfaces at least 300mm (or refusal) into soil/subsoil profile along contour of slopes.</p> <p>5.5 Following amelioration as per criteria RM5.1 and RM5.2, representative soil testing of growth media is completed and an AQP certifies that the soil meets appropriate pH, EC, ESP and Emerson aggregate class for the proposed PMLU.</p> <p>5.6 Growth media and suitability is assessed and documented by an AQP as suitable for the PMLU and target vegetation establishment.</p> <p>5.7 The surface and groundwater monitoring network are installed, and monitoring is underway (one year of sampling undertaken).</p> <p>5.8 Independent AQP has certified the plan in RM5.1 and achievement of RM5.2-5.7.</p> |
| <b>RM6</b>          | Revegetation                        | <p>6.1 Seeding has been completed using recommended seeding mix in <b>Appendix 1 – Species List and Seeding Rates</b> at a rate of 1-2kg/ha for tree species and 7-9kg/ha for grass/shrub/forb species, or as otherwise specified by the AQP.</p> <p>6.2 Species chosen reflect Regional Ecosystems (REs) 9.12.6a and 9.11.23a.</p> <p>6.3 Non-native seeds must not be used for the revegetation (except when sterile cover crops are used).</p> <p>6.4 Timing of seeding aligned with wet weather to coincide with elevated levels of soil moisture.</p> <p>6.5 Stock exclusion fencing installed around all areas that have been seeded.</p> <p>6.6 Independent AQP certifies achievement of RM6.1-6.5.</p>                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RM7</b>          | Achievement of surface requirements | <p>7.1 Species used in revegetation remain present and show evidence of natural recruitment. Evidence of flora recruitment from rehabilitation monitoring data.</p> <p>7.2 Weed presence is less than 5% of total vegetative cover, or equal to or less than the average of representative analogue site/s in <b>Appendix 3 – Vegetation Analogue Sites</b>, whichever is</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Milestone reference | Rehabilitation milestone                                  | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |                                                           | <p>lower.</p> <p>7.3 Total vegetative groundcover <math>\geq 60\%</math>, or equal to or more than the average of representative analogue site/s in <b>Appendix 3 – Vegetation Analogue Sites</b>, whichever is higher.</p> <p>7.4 Total groundcover (combination of vegetative cover, other organic material (i.e., sticks, leaf litter) and inorganic material (i.e., rocks) <math>\geq 70\%</math>, or equal to or more than the average of representative analogue site/s in <b>Appendix 3 – Vegetation Analogue Sites</b>, whichever is higher.</p> <p>7.5 No deep-rooted trees or grazing present in RA1, RA2 or RA3.</p> <p>7.6 Corrective actions arising from the routine inspections program have been undertaken and recorded (per PRCP8).</p> <p>7.7 Surface water runoff has been collected across representative areas of rehabilitation when surface flows occur, and it is safe to do so.</p> <p>7.8 Surface water runoff complies with <b>Appendix 5 – Surface water quality limits</b>.</p> <p>7.9 The growth media (topsoil and subsoil) physical, chemical and biological properties do not limit vegetation cover performance or restrict the potential effective depth of rooting.</p> <p>7.10 A BioCondition assessment is completed by an AQP in accordance with the latest version of the Queensland Herbarium's 'BioCondition Assessment Manual' and determines that the PMLU has reached a BioCondition score of 20/60 as per <b>Appendix 2 – BioCondition Benchmark Criteria</b>.</p> <p>7.11 The BioCondition assessment completed under RM7.10 complies with the PRCP Benchmark for the PMLU, as per <b>Appendix 2 – BioCondition Benchmark Criteria</b>.</p> <p><b>RA1, RA2 and RA3 (in addition to milestone criteria 7.1-7.11 above):</b></p> <p>7.12 Monitoring data has been collected per final landform design report (per PRCP16).</p> <p>7.13 Monitoring data and technical assessments indicate that RA1, RA2 and RA3 are on a trajectory to achieve a stable condition.</p> <p>7.14 Independent AQP certifies achievement of RM7.1-7.13.</p> |
| <b>RM8</b>          | Achievement of post-mining land use to a stable condition | <p>8.1 A BioCondition Assessment is completed in accordance with the Queensland Herbarium's 'BioCondition Assessment Manual' and determines that the PMLU has reached a BioCondition score of 40/60 as per <b>Appendix 2 – BioCondition Benchmark Criteria</b>.</p> <p>8.2 Total vegetative groundcover <math>\geq 70\%</math>, or equal to or more than the average of representative</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| Milestone reference | Rehabilitation milestone | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |                          | <p>analogue site/s in <b>Appendix 3 – Vegetation Analogue Sites</b>, whichever is higher.</p> <p>8.3 Weed presence is a maximum of 5% of total vegetative cover as confirmed by an AQP in annual monitoring.</p> <p>8.4 Restricted invasive plants (as defined in the <i>Biosecurity Act 2014</i>) comprise <math>\leq 5\%</math> of vegetation groundcover.</p> <p>8.5 No evidence of erosion classified as ‘moderate’ or ‘severe’ as defined by <b>Appendix 4 – Erosion classification framework</b>.</p> <p>8.6 Any erosion present will not compromise the achievement of a PMLU to a stable condition.</p> <p>8.7 No evidence of scouring, overtopping, sedimentation or destabilisation in or associated with erosion and sediment control and engineered drainage structures.</p> <p>8.8 Sediment and erosion control structures removed as certified by an AQP and rehabilitated consistent with the PMLU.</p> <p>8.9 Stock exclusion fencing removed from around revegetation areas.</p> <p>8.10 Surface water runoff complies with <b>Appendix 5 – Surface water quality limits</b>.</p> <p>8.11 Surface water quality results monitored monthly during flow, but not limited to, downstream at the locations listed in <b>Appendix 6 – Surface water monitoring locations</b>, must not exceed the limits in <b>Appendix 5 – Surface water quality limits</b>, for a minimum of 5 consecutive years.</p> <p>8.12 If the surface water quality exceeds the criteria RM8.11, the applicable upstream site must be compared to the downstream site result; and the quality result measured at a downstream site must be equal to or less than the quality result measured at the applicable upstream site<sup>1</sup>.</p> <p>8.13 For a minimum of 5 consecutive years groundwater quality, must be monitored quarterly, but not limited to, locations specified in <b>Appendix 7 – Groundwater monitoring locations</b>, for all quality characteristics listed in <b>Appendix 8 – Groundwater quality limits</b>.</p> <p>8.14 Groundwater quality results must not exceed the limits specified in <b>Appendix 8 – Groundwater quality limits</b>, for 3 consecutive results.</p> <p>8.15 Groundwater level is monitored quarterly and for a minimum of 5 consecutive years.</p> <p>8.16 Seepage from the TSF complies with the limits specified in <b>Appendix 8 – Groundwater quality limits</b>, when measured quarterly for a minimum of 3 consecutive years, or until</p> |

| Milestone reference | Rehabilitation milestone | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |                          | <p>volume within collection sumps is negligible for at least 3 consecutive monitoring events.</p> <p>8.17 There is no evidence indicating an adverse change to the contaminated land status has occurred post the completion of RM2.</p> <p><b>Water Storage PMLU (RA8)</b></p> <p>8.18 All water storages are safe and stable.</p> <p>8.19 Dams are safe for native animals and stock access and have vegetated outer banks.</p> <p>8.20 Water storages monitoring quarterly must not exceed <b>Appendix 5 – Surface water quality limits</b>, for a minimum of 5 consecutive years.</p> <p>8.21 Independent AQP certifies achievement of RM8.1-8.20.</p> |

<sup>1</sup>For pH, the quality result measured at the downstream location must be within the prescribed range. However, where pH at the downstream location is greater-than (>) the highest limit in the range, the pH at the applicable upstream location must be greater-than or equal-to ( $\geq$ ) the downstream location. Conversely, where pH at the downstream location is less than (<) the lowest limit in the range, the upstream pH at the applicable upstream location must be less-than or equal-to ( $\leq$ ) the downstream location.

## 5 Section E – Non-use management areas

### 5.1 (IA1) Improvement area 1

| Non-use management area (NUMA)       |                               |            |            |
|--------------------------------------|-------------------------------|------------|------------|
| Improvement area                     | IA1                           |            |            |
| Relevant activities                  | Electric Light Pit            |            |            |
| Total size (ha)                      | 1.198                         |            |            |
| Commencement of first milestone: MM1 | 10/12/2036                    |            |            |
| NUMA                                 | Residual Void                 |            |            |
| Date area is available               | 10/12/2036                    | 10/12/2038 | 10/12/2039 |
| Cumulative area available (ha)       | 1.198                         | 1.198      | 1.198      |
| Milestone completed by               | 10/12/2038                    | 10/12/2039 | 10/12/2044 |
| Milestone Reference                  | Cumulative area achieved (ha) |            |            |
| MM1                                  | 1.198                         |            |            |
| MM2                                  |                               | 1.198      |            |
| MM3                                  |                               |            | 1.198      |

## 5.2 (IA2) Improvement area 2

| Non-use management area (NUMA)       |                               |               |            |
|--------------------------------------|-------------------------------|---------------|------------|
| Improvement area                     |                               | IA2           |            |
| Relevant activities                  |                               | Red Dam Pit   |            |
| Total size (ha)                      |                               | 2.598         |            |
| Commencement of first milestone: MM1 |                               | 10/12/2035    |            |
| NUMA                                 |                               | Residual Void |            |
| Date area is available               | 10/12/2035                    | 10/12/2037    | 10/12/2038 |
| Cumulative area available (ha)       | 2.598                         | 2.598         | 2.598      |
| Milestone completed by               | 10/12/2037                    | 10/12/2038    | 10/12/2043 |
| Milestone Reference                  | Cumulative area achieved (ha) |               |            |
| MM1                                  | 2.598                         |               |            |
| MM2                                  |                               | 2.598         |            |
| MM3                                  |                               |               | 2.598      |

### 5.3 (IA3) Improvement area 3

| Non-use management area (NUMA)       |                               |                |            |
|--------------------------------------|-------------------------------|----------------|------------|
| Improvement area                     |                               | IA3            |            |
| Relevant activities                  |                               | Black Blow Pit |            |
| Total size (ha)                      |                               | 0.817          |            |
| Commencement of first milestone: MM1 |                               | 10/12/2036     |            |
| NUMA                                 |                               | Residual Void  |            |
| Date area is available               | 10/12/2036                    | 10/12/2038     | 10/12/2039 |
| Cumulative area available (ha)       | 0.817                         | 0.817          | 0.817      |
| Milestone completed by               | 10/12/2038                    | 10/12/2039     | 10/12/2044 |
| Milestone Reference                  | Cumulative area achieved (ha) |                |            |
| MM1                                  | 0.817                         |                |            |
| MM2                                  |                               | 0.817          |            |
| MM3                                  |                               |                | 0.817      |

## 5.4 (IA4) Improvement area 4

| Non-use management area (NUMA)       |                               |                     |            |
|--------------------------------------|-------------------------------|---------------------|------------|
| Improvement area                     |                               | IA4                 |            |
| Relevant activities                  |                               | Jubilee Plunger Pit |            |
| Total size (ha)                      |                               | 1.997               |            |
| Commencement of first milestone: MM1 |                               | 10/12/2036          |            |
| NUMA                                 |                               | Residual Void       |            |
| Date area is available               | 10/12/2036                    | 10/12/2038          | 10/12/2039 |
| Cumulative area available (ha)       | 1.997                         | 1.997               | 1.997      |
| Milestone completed by               | 10/12/2038                    | 10/12/2039          | 10/12/2044 |
| Milestone Reference                  | Cumulative area achieved (ha) |                     |            |
| MM1                                  | 1.997                         |                     |            |
| MM2                                  |                               | 1.997               |            |
| MM3                                  |                               |                     | 1.997      |

## 5.5 Improvement area milestones

| Milestone reference | Management milestone                  | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MM1</b>          | Achievement of structural stability   | <p>1.1 The pit walls achieve a FoS <math>\geq 1.5</math> within the NUMA extents.</p> <p>1.2 Pit wall landforms must:</p> <ul style="list-style-type: none"> <li>(a) Prevent surface or seepage flow of floodwater into the void;</li> <li>(b) Be geotechnically stable;</li> <li>(c) Not be constructed with dispersive material.</li> </ul> <p>1.3 The final design for pit wall landforms must be completed by an AQP based on the latest flood modelling and materials data prior to construction.</p> <p>1.4 All flood protection landforms and flood protection measures designed and constructed consistent with the findings of PRCP19.</p> <p>1.5 The location of the voids and associated flood protection landforms does not cause instability or degradation to the land outside the NUMA.</p> <p>1.6 Floodwater ingress and water levels in the residual voids will not cause environmental harm and should be consistent with the findings of PRCP19 as certified under PRCP20.</p> <p>1.7 Residual voids (Electric Light Pit, Red Dam Pit, Black Blow Pit and Jubilee Plunger Pit) must not overtop.</p> <p>1.8 Independent AQP certifies achievement of MM1.1-1.7.</p> |
| <b>MM2</b>          | Achievement of surface requirements   | <p>2.1 Safety bund constructed as recommended by an AQP.</p> <p>2.2 The safety bund must be constructed from non-weathered, non-dispersive rockfill.</p> <p>2.3 Fencing erected, where required to prevent access to the residual void, around the perimeter of the safety bund.</p> <p>2.4 Safety signs erected at 25m intervals along the fence clearly warning of a safety risk and prohibiting public access.</p> <p>2.5 Independent AQP certifies achievement of MM2.1-2.4.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>MM3</b>          | Achievement of sufficient improvement | <p>3.1 The final landform has been constructed in accordance with the final design (per PRCP15).</p> <p>3.2 The residual void is safe to humans and livestock.</p> <p>3.3 The water level and quality in the void do not and will not cause environmental harm to the receiving environment, as demonstrated by groundwater level, surface water and groundwater quality monitoring and modelling.</p> <p>3.4 An AQP demonstrates with water quality, water level and modelling data, that the residual voids act as groundwater sinks post-closure.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| Milestone reference | Management milestone | Milestone criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |                      | <p>3.5 Voids retain flood immunity, supported by flood modelling re-run at end of life and calibrated against the final landform.</p> <p>3.6 Erosion of the landform within the NUMA area will not negatively impact on the stability of any adjacent rehabilitation areas, or their ability to sustain their PMLU.</p> <p>3.7 Monitoring and maintenance of exclusion fences and bunds to be carried out to ensure they remain effective.</p> <p>3.8 Flood modelling must be revised after extreme events (&gt;1% AEP) or significant landform changes.</p> <p>3.9 Monitoring post-wet season or <math>\geq 0.1\%</math> AEP rainfall events must be undertaken to assess erosion, overtopping and bund condition.</p> <p>3.10 Independent AQP certifies achievement of MM3.1-3.9.</p> |

## 6 Section F - Appendices

### Appendix 1 – Species List and Seeding Rates

|                | Scientific Name                    | Common Name           |
|----------------|------------------------------------|-----------------------|
| <b>Grasses</b> | <i>Aristida spp.</i>               | -                     |
|                | <i>Heteropogon contortus</i>       | Black speargrass      |
|                | <i>Schizachyrium spp.</i>          | Firegrass             |
|                | <i>Enneapogon platyphyllus</i>     |                       |
|                | <i>Waltheria indica</i>            |                       |
|                | <i>Inigofera linnae</i>            |                       |
|                | <i>Indigofera liniifolia</i>       |                       |
| <b>Shrubs</b>  | <i>Dolichandrone alternifolia</i>  | Lemonwood             |
|                | <i>Gardenia vilhelmii</i>          | Breadfruit            |
|                | <i>Carissa lanceolata</i>          | Currantbush           |
|                | <i>Lysiphyllum spp.</i>            | -                     |
|                | <i>Acacia leptostachya</i>         | Slender wattle        |
|                | <i>Denhamia cunninghamii</i>       | Yellowberry bush      |
|                | <i>Petalostigma banksii</i>        | Smooth-leaved quinine |
|                | <i>Grevillea striata</i>           |                       |
|                | <i>Melaleuca sp.</i>               |                       |
| <b>Trees</b>   | <i>Eucalyptus microneura</i>       | Georgetown box        |
|                | <i>Corymbia pocillum</i>           | -                     |
|                | <i>Erythroxylum ellipticum</i>     | Kerosene wood         |
|                | <i>Corymbia grandiflora</i>        | Red bloodwood         |
|                | <i>Erythrophleum chlorostachys</i> | Cooktown ironwood     |
|                | <i>Acacia shirleyi</i>             | Lancewood             |

|  | Scientific Name                 | Common Name |
|--|---------------------------------|-------------|
|  | <i>Cochlospermum gillivraei</i> | Kapok       |
|  | <i>Terminalia aridicola</i>     | Arid peach  |
|  | <i>Atalaya hemiglauca</i>       |             |

## Appendix 2 – BioCondition Benchmark Criteria

| BioCondition Attribute                              | Weighting | Reference Benchmark – 9.11.23a                                      | BioCondition Score<br>Indicative benchmark for 5 years (RM7)                                | BioCondition Score<br>Indicative benchmark for 15 years (RM8)                                           |
|-----------------------------------------------------|-----------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Non-native plant cover (%)                          | 10        | 21% - Average of representative analogue site/s in Appendix 3       | 3<br>(≥25 – 50% of vegetation cover are non-native plants)                                  | 5<br>(≥5 – 25% of vegetation cover are non-native plants) <sup>3</sup>                                  |
| Dominant canopy species present as regeneration (%) | 5         | 100%                                                                | 3<br>(≥20 – 75% of dominant canopy <sup>1</sup> species present as regeneration).           | 5<br>(≥75% of dominant canopy <sup>1</sup> species present as regeneration).                            |
| Tree height (m)                                     | 5         | 9.6m - Average of representative analogue site/s in Appendix 3      | 3<br>(≥25% to 70% of benchmark height)                                                      | 5<br>(≥70% of benchmark height)                                                                         |
| Native tree species richness                        | 5         | 6 species - Average of representative analogue site/s in Appendix 3 | 2.5<br>(≥25% to 90% of benchmark number of species)                                         | 5<br>(≥90% of benchmark number of species)                                                              |
| Native shrub species richness                       | 5         | 3 species - Average of representative analogue site/s in Appendix 3 | 2.5<br>(≥25% to 90% of benchmark number of species)                                         | 5<br>(≥90% of benchmark number of species)                                                              |
| Grass species richness*                             | 5         | 7 species - Average of representative analogue site/s in Appendix 3 | 2.5<br>(≥25% to 90% of benchmark number of species)                                         | 5<br>(≥90% of benchmark number of species)                                                              |
| Forbs and other species richness*                   | 5         | 8 species - Average of representative analogue site/s in Appendix 3 | 2.5<br>(≥25% to 90% of benchmark number of species)                                         | 5<br>(≥90% of benchmark number of species)                                                              |
| Native tree canopy cover (%)                        | 5         | 15% - Average of representative analogue site/s in Appendix 3       | 2<br>(≥10% and <50% of benchmark tree cover)                                                | 5<br>(≥50% or ≤200% of benchmark tree cover) <sup>2</sup>                                               |
| Native shrub canopy cover (%)                       | 5         | 3% - Average of representative analogue site/s in Appendix 3        | 3<br>(>= 10 to <50% or >200% of benchmark shrub cover)                                      | 5<br>(≥50% or ≤200% of benchmark shrub cover)                                                           |
| Native perennial grass cover (%)                    | 5         | 14% - Average of representative analogue site/s in Appendix 3       | 1<br>(≥10 to 50% of benchmark native perennial (or preferred and intermediate) grass cover) | 3<br>(≥50 – 90% of benchmark native perennial (or preferred and intermediate) grass cover) <sup>4</sup> |

| BioCondition Attribute          | Weighting | Reference Benchmark – 9.11.23a                                | BioCondition Score<br>Indicative benchmark for 5 years (RM7) | BioCondition Score<br>Indicative benchmark for 15 years (RM8) |
|---------------------------------|-----------|---------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|
| Organic litter ground cover (%) | 5         | 18% - Average of representative analogue site/s in Appendix 3 | 3<br>(≥ 10 to <50% or >200% of benchmark organic litter)     | 5<br>(≥50% or ≤200% of benchmark organic litter)              |
| Overall score required          | <b>60</b> |                                                               | <b>20/60</b>                                                 | <b>40/60</b>                                                  |

| BioCondition Attribute                              | Weighting | Reference Benchmark – 9.12.6a                                       | BioCondition Score<br>Indicative benchmark for 5 years (RM7)                                | BioCondition Score<br>Indicative benchmark for 15 years (RM8)                                           |
|-----------------------------------------------------|-----------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Non-native plant cover (%)                          | 10        | 21% - Average of representative analogue site/s in Appendix 3       | 3<br>(≥25 – 50% of vegetation cover are non-native plants)                                  | 5<br>(≥5 – 25% of vegetation cover are non-native plants) <sup>3</sup>                                  |
| Dominant canopy species present as regeneration (%) | 5         | 100%                                                                | 3<br>(≥20 – 75% of dominant canopy <sup>1</sup> species present as regeneration).           | 5<br>(≥75% of dominant canopy <sup>1</sup> species present as regeneration).                            |
| Tree height (m)                                     | 5         | 10m - Average of representative analogue site/s in Appendix 3       | 3<br>(≥25% to 70% of benchmark height)                                                      | 5<br>(≥70% of benchmark height)                                                                         |
| Native tree species richness                        | 5         | 6 species - Average of representative analogue site/s in Appendix 3 | 2.5<br>(≥25% to 90% of benchmark number of species)                                         | 5<br>(≥90% of benchmark number of species)                                                              |
| Native shrub species richness                       | 5         | 3 species - Average of representative analogue site/s in Appendix 3 | 2.5<br>(≥25% to 90% of benchmark number of species)                                         | 5<br>(≥90% of benchmark number of species)                                                              |
| Grass species richness*                             | 5         | 7 species - Average of representative analogue site/s in Appendix 3 | 2.5<br>(≥25% to 90% of benchmark number of species)                                         | 5<br>(≥90% of benchmark number of species)                                                              |
| Forbs and other species richness*                   | 5         | 8 species - Average of representative analogue site/s in Appendix 3 | 2.5<br>(≥25% to 90% of benchmark number of species)                                         | 5<br>(≥90% of benchmark number of species)                                                              |
| Native tree canopy cover (%)                        | 5         | 15% - Average of representative analogue site/s in Appendix 3       | 2<br>(≥10% and <50% of benchmark tree cover)                                                | 5<br>(≥50% or ≤200% of benchmark tree cover) <sup>2</sup>                                               |
| Native shrub canopy cover (%)                       | 5         | 7% - Average of representative analogue site/s in Appendix 3        | 3<br>(≥10 to <50% or >200% of benchmark shrub cover)                                        | 5<br>(≥50% or ≤200% of benchmark shrub cover)                                                           |
| Native perennial grass cover (%)                    | 5         | 15% - Average of representative analogue site/s in Appendix 3       | 1<br>(≥10 to 50% of benchmark native perennial (or preferred and intermediate) grass cover) | 3<br>(≥50 – 90% of benchmark native perennial (or preferred and intermediate) grass cover) <sup>4</sup> |
| Organic litter ground cover (%)                     | 5         | 32% - Average of representative analogue site/s in Appendix 3       | 3<br>(≥ 10 to <50% or >200% of benchmark)                                                   | 5<br>(≥50% or ≤200% of benchmark organic)                                                               |

| BioCondition Attribute | Weighting | Reference Benchmark – 9.12.6a | BioCondition Score<br>Indicative benchmark for 5 years (RM7) | BioCondition Score<br>Indicative benchmark for 15 years (RM8) |
|------------------------|-----------|-------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|
|                        |           |                               | organic litter)                                              | litter)                                                       |
| Overall score required | 60        |                               | 20/60                                                        | 40/60                                                         |

## Appendix 3 – Vegetation Analogue Sites

| Site ID | Latitude<br>(GDA2020) | Longitude (GDA2020) | Regional Ecosystem | ML       | Site Name       |
|---------|-----------------------|---------------------|--------------------|----------|-----------------|
| GTREF01 | -18.327494            | 143.494459          | 9.12.6a            | ML3409   | Comstock        |
| GTREF02 | -18.331317            | 143.493382          | 9.12.6a            | ML3540   | Big Ben         |
| GTREF03 | -18.331919            | 143.500705          | 9.12.6a            | ML3591   | Black Blow      |
| EL01REF | -18.180686            | 143.572064          | 9.11.23a           | ML 3548  | Electric Light  |
| EL02REF | -18.161416            | 143.57656           | 9.12.6a            | ML 3548  | Electric Light  |
| RD1REF  | -17.934321            | 143.705873          | 9.11.23a           | ML 30203 | Red Dam         |
| JP01    | -18.845483            | 143.697796          | 9.12.6a            | ML 3374  | Jubilee Plunger |
| JP02    | -18.847614            | 143.695995          | 9.12.11            | ML 3374  | Jubilee Plunger |
| JP03    | -18.839327            | 143.694634          | 9.12.11            | ML 3374  | Jubilee Plunger |

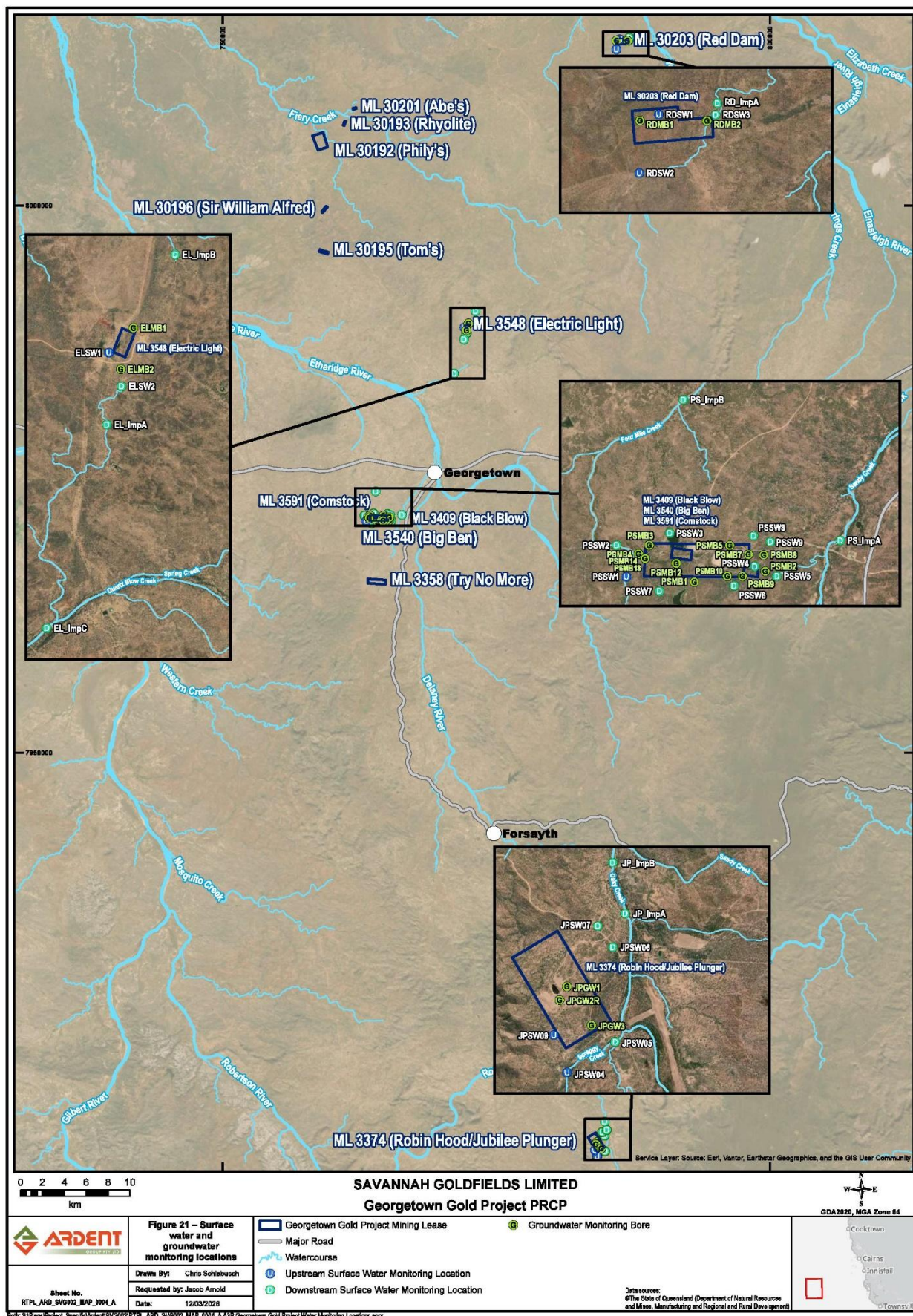
Appendix 4 – Erosion Classification Framework

| Erosion classification | Minor                           | Moderate                                                     | Severe                                                                                         |
|------------------------|---------------------------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Sheet erosion          | Shallow soil deposits downslope | Partial exposure of roots; moderate soil deposits downslope. | Loss of surface horizon; subsoil exposure; root exposure; substantial soil deposits downslope. |
| Rill*                  | <15 rills/100m                  | 15-30 rills/100m                                             | >30 rills/100m                                                                                 |
| Gully erosion          | Absent                          | Absent                                                       | Present                                                                                        |
| Tunnel erosion         | Absent                          | Absent                                                       | Present                                                                                        |
| Mass movement          | Absent                          | Absent                                                       | Present                                                                                        |

Erosion form definitions: NCST (2024) *Australian Soil and Land Survey Field Handbook, 4th edition*. The National Committee on Soil and Terrain. CSIRO Publishing, Collingwood, Australia.

\* Rill frequency assessed on the contour over entirety of rehabilitation area (not only features that intersect a monitoring transect).

Figure 21 – Surface water and groundwater monitoring locations



## Appendix 5 – Surface Water Quality Limits

| Quality Characteristic                                                                            | Limit                       | Comment on Limit                             |
|---------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------|
| pH (pH Unit)                                                                                      | 6.5-8.0                     | Site-specific                                |
| Electrical Conductivity (µS/cm)                                                                   | 150                         | Site-specific                                |
| Turbidity (NTU)                                                                                   | 60                          | Site-specific                                |
| Sulfate (mg/L)                                                                                    | 5                           | Site-specific                                |
| Aluminium (µg/L)                                                                                  | 55                          | ANZG 2018                                    |
| Antimony (µg/L)                                                                                   | 1                           | Site-specific                                |
| Arsenic (µg/L)                                                                                    | 13                          | ANZG 2018                                    |
| Bismuth (µg/L)                                                                                    | 1                           | Site-specific                                |
| Cadmium (µg/L)                                                                                    | 0.2                         | ANZG 2018                                    |
| Cobalt (µg/L)                                                                                     | 1.4                         | ANZG 2018                                    |
| Copper (µg/L)                                                                                     | 1.4                         | ANZG 2018                                    |
| Lead (µg/L)                                                                                       | 3.4                         | ANZG 2018                                    |
| Mercury (µg/L)                                                                                    | 0.6                         | ANZG 2018                                    |
| Nickel (µg/L)                                                                                     | 11                          | ANZG 2018                                    |
| Selenium (µg/L)                                                                                   | 5                           | ANZG 2018                                    |
| Silver (µg/L)                                                                                     | 0.05                        | ANZG 2018                                    |
| Tin (µg/L)                                                                                        | 3                           | ANZG 2018                                    |
| Zinc (µg/L)                                                                                       | 8                           | ANZG 2018                                    |
| Cyanide (Free)                                                                                    | 7                           | Cyanide Management guideline<br>October 2008 |
| Cyanide (WAD)                                                                                     | For interpretation purposes |                                              |
| Major ions (mg/L) - Calcium, chloride,<br>potassium, magnesium, sodium,<br>bicarbonate, carbonate | For interpretation purposes |                                              |

| Quality Characteristic | Limit                       | Comment on Limit |
|------------------------|-----------------------------|------------------|
| Hardness (mg/L)        | For interpretation purposes |                  |

Notes:

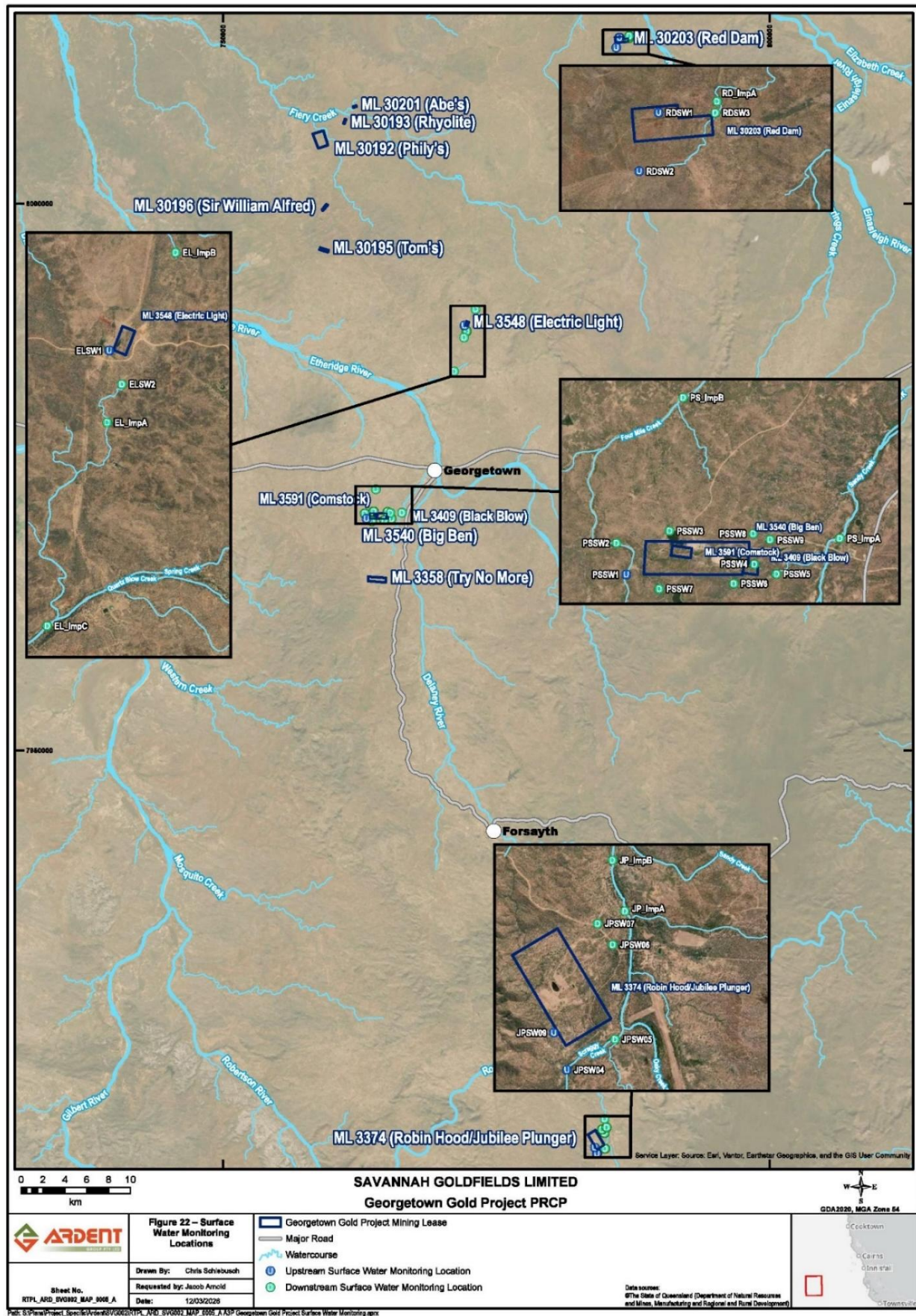
- All metals and metalloids must be measured as ‘dissolved’ (from analysis of a field filtered sample) and total (unfiltered).
- Limits for metals and metalloids apply to dissolved results.
- ANZG (2018) Aquatic ecosystem protection for moderately disturbed system (95% protection)

## Appendix 6 – Surface Water Monitoring Locations

| Monitoring locations | Receiving waters location description                     | Location                     |                               |
|----------------------|-----------------------------------------------------------|------------------------------|-------------------------------|
|                      |                                                           | Easting<br>(GDA94 – Zone 54) | Northing<br>(GDA94 – Zone 54) |
| Upstream             |                                                           |                              |                               |
| PSSW1                | Plant                                                     | 763113                       | 7971189                       |
| ELSW1                | Electric Light                                            | 772080                       | 7988855                       |
| RDSW1                | Red Dam                                                   | 786261                       | 8015157                       |
| RDSW2                | Red Dam                                                   | 785965                       | 8014265                       |
| JPSW04               | Jubilee Plunger                                           | 784205                       | 7913122                       |
| JPSW09               | Jubilee Plunger                                           | 784004                       | 7913690                       |
| Downstream           |                                                           |                              |                               |
| PSSW2                | Plant Site - Downstream towards the North West.           | 762965                       | 7971670                       |
| PSSW3                | Plant Site - Flowing north from the process plant.        | 763776                       | 7971854                       |
| PSSW4                | Plant Site - Flowing east downstream of tailings dam.     | 765069                       | 7971347                       |
| PSSW5                | Plant Site - Flowing east downstream of the tailings dam. | 765405                       | 7971198                       |
| PSSW6                | Plant Site - Creek draining south east from tailings dam. | 764755                       | 7971052                       |
| PSSW7                | Plant Site - Flowing north towards mining lease.          | 763617                       | 7970971                       |
| PSSW8                | Plant Site - Flowing North East from tailings dam.        | 765051                       | 7971812                       |
| PSSW9                | Plant Site - Flowing East from tailings dam.              | 765308                       | 7971722                       |
| PS_ImpA              | Plant Site                                                | 766370                       | 7971742                       |
| PS_ImpB              | Plant Site                                                | 763982                       | 7973886                       |

| Monitoring locations | Receiving waters location description           | Location                     |                               |
|----------------------|-------------------------------------------------|------------------------------|-------------------------------|
|                      |                                                 | Easting<br>(GDA94 – Zone 54) | Northing<br>(GDA94 – Zone 54) |
| ELSW2                | Electric Light - Downstream of extraction pit.  | 772273                       | 7988341                       |
| EL_ImpA              | Electric Light                                  | 772049                       | 7987758                       |
| EL_ImpB              | Electric Light                                  | 773092                       | 7990348                       |
| EL_ImpC              | Electric Light                                  | 771135                       | 7984658                       |
| RDSW3                | Red Dam - Downstream of extraction pit.         | 787127                       | 8015155                       |
| RD_ImpA              | Red Dam                                         | 787153                       | 8015329                       |
| JPSW05               | Jubilee Plunger - Downstream of extraction pit. | 784936                       | 7913590                       |
| JPSW06               | Jubilee Plunger                                 | 784903                       | 7915031                       |
| JPSW07               | Jubilee Plunger                                 | 784672                       | 7915353                       |
| JP_ImpA              | Jubilee Plunger                                 | 785089                       | 7915543                       |
| JP_ImpB              | Jubilee Plunger                                 | 784899                       | 7916319                       |

Figure 22 – Surface Water Monitoring Locations

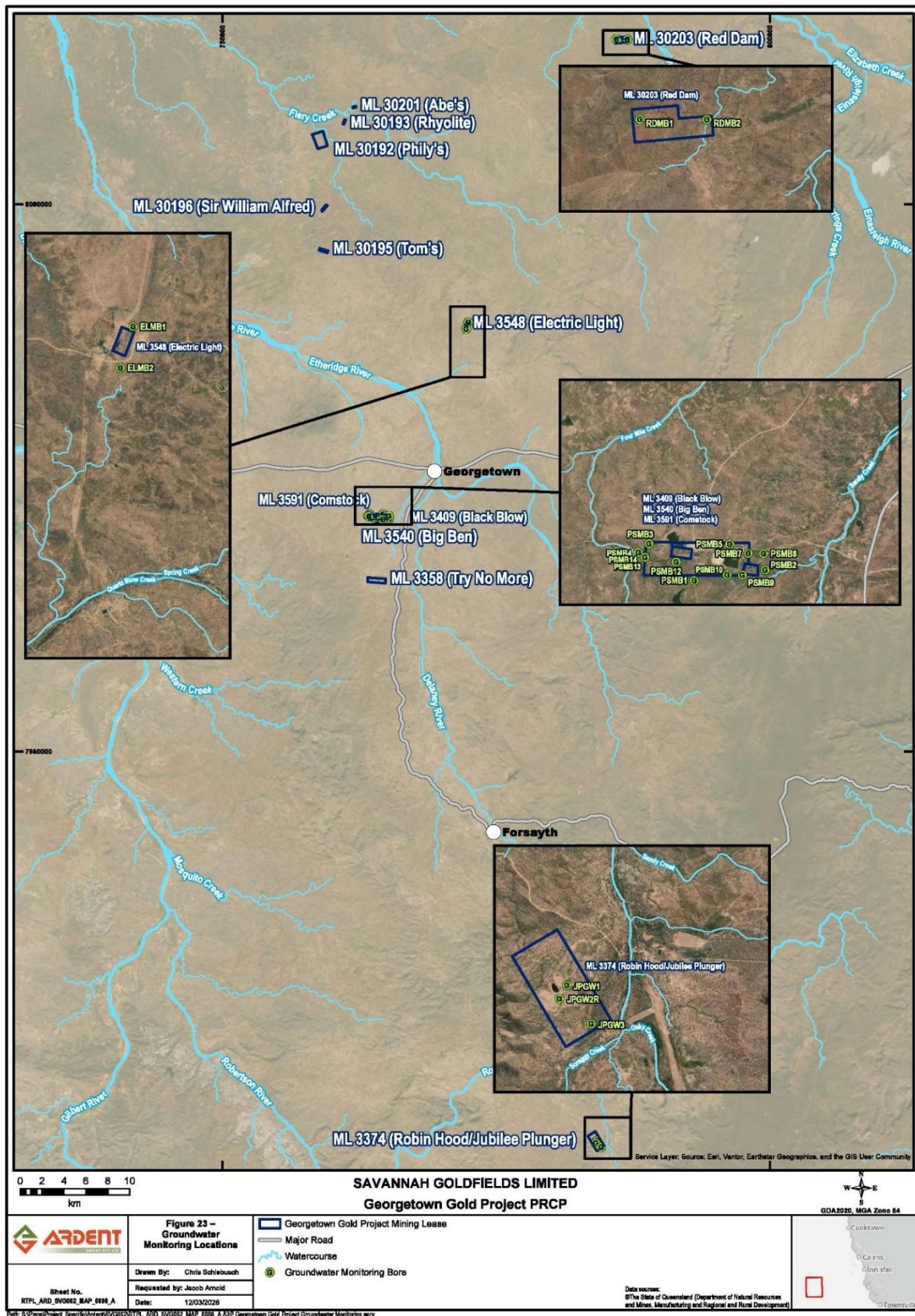


## Appendix 7 – Groundwater Monitoring Locations

| Monitoring bore | Location description | Hydrogeological Unit                                    | Location                     |                               |
|-----------------|----------------------|---------------------------------------------------------|------------------------------|-------------------------------|
|                 |                      |                                                         | Easting<br>(GDA94 – Zone 54) | Northing<br>(GDA94 – Zone 54) |
| PSMB1           | Plant Site           | Unconfined regolith                                     | 764148                       | 7971110                       |
| PSMB2           | Plant Site           | Unconfined regolith                                     | 765228                       | 7971273                       |
| PSMB3           | Plant Site           | Unconfined regolith                                     | 763461                       | 7971672                       |
| PSMB4           | Plant Site           | Unconfined regolith                                     | 763298                       | 7971539                       |
| PSMB5           | Plant Site           | Unconfined regolith                                     | 764687                       | 7971667                       |
| PSMB7           | Plant Site           | Fracture Granite (semi-confined)                        | 764973                       | 7971528                       |
| PSMB8           | Plant Site           | Fracture Granite (semi-confined)                        | 765204                       | 7971521                       |
| PSMB9           | Plant Site           | Unconfined regolith                                     | 764881                       | 7971197                       |
| PSMB10          | Plant Site           | Unconfined regolith                                     | 764651                       | 7971201                       |
| PSMB12          | Plant Site           | Fracture Granite (semi-confined)                        | 763873                       | 7971394                       |
| PSMB13          | Plant Site           | Fracture Granite (semi-confined)                        | 763401                       | 7971468                       |
| PSMB14          | Plant Site           | Fracture Granite (semi-confined)                        | 763399                       | 7971467                       |
| ELMB1           | Electric Light       | Fracture Granite                                        | 772455                       | 7989229                       |
| ELMB2           | Electric Light       | Fracture Granite                                        | 772264                       | 7988601                       |
| RDMB1           | Red Dam              | Granite (semi-confined)                                 | 785974                       | 8015064                       |
| RDMB2           | Red Dam              | Unknown                                                 | 786995                       | 8015060                       |
| JPGW1           | Jubilee Plunger      | Regolith to moderately weathered fractured granodiorite | 784203                       | 7914431                       |
| JPGW2R          | Jubilee Plunger      | Slightly weathered fractured granodiorite               | 784090                       | 7914226                       |

| Monitoring bore | Location description | Hydrogeological Unit        | Location                     |                               |
|-----------------|----------------------|-----------------------------|------------------------------|-------------------------------|
|                 |                      |                             | Easting<br>(GDA94 – Zone 54) | Northing<br>(GDA94 – Zone 54) |
| JPGW3           | Jubilee Plunger      | Deep fractured granodiorite | 784576                       | 7913842                       |

Figure 23 – Groundwater Monitoring Locations



## Appendix 8 – Groundwater Quality Limits

| Quality Characteristic          | Monitoring bore                                   | Limit   | Comment on Limit                            |
|---------------------------------|---------------------------------------------------|---------|---------------------------------------------|
| pH (pH Unit)                    | All bores                                         | 6.5-8.0 | Site-specific                               |
| Electrical Conductivity (µS/cm) | Electric Light, Jubilee Plunger and red dam bores | 1,860   | Site-specific – 80 <sup>th</sup> percentile |
| Electrical Conductivity (µS/cm) | Plant bores                                       | 3000    | Site-specific – 80 <sup>th</sup> percentile |
| Sulfate (mg/L)                  | Electric Light, Jubilee Plunger and red dam bores | 85      | Site-specific                               |
| Sulfate (mg/L)                  | Plant bores                                       | 900     | Site-specific                               |
| Aluminium – Dissolved (µg/L)    | All bores                                         | 55      | ANZG 2018                                   |
| Antimony – Dissolved (µg/L)     | All bores                                         | 9       | ANZG 2018                                   |
| Arsenic – Dissolved (µg/L)      | All bores, except Red Dam bores                   | 13      | ANZG 2018                                   |
| Arsenic – Dissolved (µg/L)      | Red Dam bores                                     | 38      | Site-specific                               |
| Bismuth – Dissolved (µg/L)      | All bores                                         | 600     | Site-specific                               |
| Cadmium – Dissolved (µg/L)      | All bores                                         | 0.5     | Site-specific                               |
| Cobalt – Dissolved (µg/L)       | Electric Light and Jubilee Plunger bores          | 1.4     | ANZG 2018                                   |
| Cobalt – Dissolved (µg/L)       | Red Dam bores                                     | 5       | Site-specific                               |
| Cobalt – Dissolved (µg/L)       | Plant bores                                       | 40      | Site-specific                               |
| Copper – Dissolved (µg/L)       | Electric Light and Jubilee Plunger bores          | 1.4     | ANZG 2018                                   |
| Copper – Dissolved (µg/L)       | Red Dam bores                                     | 5       | Site-specific                               |
| Copper – Dissolved (µg/L)       | Plant bores                                       | 10      | Site-specific                               |
| Lead – Dissolved (µg/L)         | All bores                                         | 34      | Site-specific                               |
| Mercury – Dissolved (µg/L)      | All bores                                         | 0.6     | ANZG 2018                                   |
| Nickel – Dissolved (µg/L)       | All bores                                         | 11      | ANZG 2018                                   |
| Selenium – Dissolved (µg/L)     | All bores                                         | 5       | ANZG 2018                                   |
| Silver – Dissolved (µg/L)       | All bores                                         | 0.05    | ANZG 2018                                   |
| Tin – Dissolved (µg/L)          | All bores                                         | 3       | ANZG 2018                                   |

| Quality Characteristic                                                                      | Monitoring bore             | Limit | Comment on Limit |
|---------------------------------------------------------------------------------------------|-----------------------------|-------|------------------|
| Zinc – Dissolved (µg/L)                                                                     | All bores                   | 40    | Site-specific    |
| Cyanide (Free)                                                                              | All bores                   | 7     |                  |
| Cyanide (WAD)                                                                               | For interpretation purposes |       |                  |
| Major ions (mg/L) - Calcium, chloride, potassium, magnesium, sodium, bicarbonate, carbonate | For interpretation purposes |       |                  |
| Hardness (mg/L)                                                                             | For interpretation purposes |       |                  |
| Level (mAHD)                                                                                | 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)

**END OF PRCP SCHEDULE**