



<b>Works approval number</b>	W6704/2022/1
<b>Works approval holder</b>	Regis Resources Limited
<b>ACN</b>	009 174 761
<b>Registered business address</b>	Level 2, 516 Hay Street SUBIACO WA 6008
<b>DWER file number</b>	DER2022/000301
<b>Duration</b>	27/01/2023 to 26/01/2026
<b>Date of issue</b>	27/01/2023
<b>Premises details</b>	Duketon Gold Project Bandy WA 6440 Legal description - Within Mining tenements M38/499 and M38/500

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	Assessed design capacity
Category 5: Processing and beneficiation of metallic or non-metallic ore	4.0 million tonnes per annum (Mtpa)

This works approval is granted to the works approval holder, subject to the attached conditions, on 26 January 2023, by:

**Fiona Wescott**

**SENIOR ENVIRONMENTAL OFFICER, RESOURCE INDUSTRIES  
REGULATORY SERVICES**

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

## Works approval history

Date	Reference number	Summary of changes
27/01/2023	W6704/2022/1	Works approval granted.

## Interpretation

In this works approval:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this works approval:
  - (i) if dated, refers to that particular version; and
  - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

**NOTE:** This works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

# Works approval conditions

The works approval holder must ensure that the following conditions are complied with:

## Construction phase

### Infrastructure and equipment

1. The works approval holder must:
  - (a) construct the critical infrastructure;
  - (b) in accordance with the corresponding design and construction requirements; and
  - (c) at the corresponding infrastructure location; and
 as set out in Table 1.

**Table 1: Design and construction requirements**

	Infrastructure	Design and construction requirements	Drawing reference
1.	Embankment raise – Stirling In-pit Tailings storage facility	<ul style="list-style-type: none"> <li>to be constructed within mining tenement M38/499</li> <li>to be constructed to the design height of 535.0 mRL at the northern end of the pit, in accordance with the drawing titled as “Pit bund construction plan and section”</li> <li>upstream raising embankments are to be constructed using clayey mine waste materials with a compacted hydraulic conductivity not greater than <math>1 \times 10^{-8}</math> m/s</li> <li>proof compaction of each layer should achieve 95% of the Standard Maximum Dry Density</li> <li>moisture content of the fill material to be maintained within the range of <math>-2\%</math> / <math>+2\%</math> of the Optimal Moisture Content</li> <li>the embankment batters to be 1:1.5 (v:h) upstream, and 1:2 (v:h) downstream</li> <li>to be constructed to provide a minimum 1 m total freeboard (including an allowance for a 1% AEP 72-hour rain event) above the normal operating pond</li> <li>existing flood/safety bunding around the pit to be maintained</li> </ul>	<p>Premises map depicted in Schedule 1, Figure 1</p> <p>Design drawings depicted in Schedule 1, Figures 2</p>
2.	Tailings delivery and return water pipelines	<ul style="list-style-type: none"> <li>must ensure all the pipelines are provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspections</li> <li>must ensure telemetry systems, pressure sensors and/or automatic cut-outs are operational to allow the detection of leaks and failures</li> </ul>	N/A

	Infrastructure	Design and construction requirements	Drawing reference
3.	Groundwater monitoring bores	<ul style="list-style-type: none"> <li>must ensure all the groundwater monitoring bores remain operational and maintain the depth required by the operating licence L8578/2011/1 when completing the construction activities</li> <li>any damaged monitoring bores to be repaired or replaced to meet the requirements in the operating licence L8578/2011/1</li> </ul>	Borehole location plan in Schedule 1, Figures 3

## Compliance reporting

2. The works approval holder must within 30 calendar days of an item of Critical Containment Infrastructure or equipment required by condition 1 being constructed and/or installed:
  - (a) undertake an audit of their compliance with the requirements of condition 1; and
  - (b) prepare and submit to the CEO a Critical Containment Infrastructure Report on that compliance.
3. The Critical Containment Infrastructure Report required by condition 2, must include as a minimum the following:
  - (a) certification by a suitably qualified geotechnical or civil engineer that the items of the Critical Containment Infrastructure or component(s) thereof, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;
  - (b) as constructed plans and a detailed site plan for each item of Critical Containment Infrastructure or component of infrastructure specified in condition 1; and
  - (c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

## Time limited operations phase

### Commencement and duration

4. The works approval holder may only commence time limited operations for an item of critical containment infrastructure identified in condition 1, where the Critical Containment Infrastructure Report as required by condition 2 has been submitted by the works approval holder for that item of infrastructure.
5. The works approval holder may conduct time limited operations for an item of critical containment infrastructure specified in condition 1 (as applicable):
  - (a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 4 for that item of infrastructure; or

- (b) until such time as a licence for that item of infrastructure is granted in accordance with Part V of the Environmental Protection Act 1986, if one is granted before the end of the period specified in condition 5(a).

### Time limited operations requirements and emission limits

6. During time limited operations, the works approval holder must ensure that the premises critical containment infrastructure and equipment listed in Table 2 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 2.

**Table 2: Infrastructure and equipment requirements during time limited operations**

	Infrastructure	Operational requirements	Infrastructure location
1.	Stirling In-pit Tailings storage facility	<ul style="list-style-type: none"> <li>to be operated at 535.0 mRL Australian Height Datum (AHD)</li> <li>minimum total freeboard of 1.0 m to be maintained under normal conditions, which includes an allowance to temporary storage of the 1:100 years or 1% average exceedance probability (AEP) storm event of 72 hours duration</li> <li>to be maintained as per the design and construction / installation requirements specified in condition 1.</li> <li>tailings to be discharged in the form of slurry sub-aerially via single-point discharge locations from the northern and southwestern pit walls</li> <li>decant pump to be maintained on a floating pontoon or similar structure</li> <li>existing flood/safety bunding around the pit to be maintained</li> </ul>	<p>Premises map depicted in Schedule 1, Figure 1</p> <p>Design drawings depicted in Schedule 1, Figures 2</p>
2.	Tailings delivery and return water pipelines	<ul style="list-style-type: none"> <li>to be contained with secondary containment sufficient to contain any spill for a period equal to the time between routine inspections</li> <li>to be equipped with telemetry systems, pressure sensors and/or automatic cut-outs to allow the detection of leaks and failures</li> </ul>	N/A

### Records and reporting (general)

7. The works approval holder must record the following information in relation to complaints received by the works approval holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
- the name and contact details of the complainant, (if provided);
  - the time and date of the complaint;

- (c) the complete details of the complaint and any other concerns or other issues raised; and
  - (d) the complete details and dates of any action taken by the works approval holder to investigate or respond to any complaint.
- 8. The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
  - (a) the works conducted in accordance with condition 1;
  - (b) any maintenance of infrastructure that is performed in the course of complying with condition 6;
  - (c) complaints received under condition 7.
- 9. The books specified under condition 8 must:
  - (a) be legible;
  - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
  - (c) be retained by the works approval holder for the duration of the works approval; and
  - (d) be available to be produced to an inspector or the CEO as required.

## Definitions

In this works approval, the terms in Table 3 have the meanings defined.

**Table 3: Definitions**

Term	Definition
AEP	Annual exceedance probability
annual period	a 12 month period commencing from 01 July until 30 June of the immediately following year.
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
critical containment infrastructure	means the items of infrastructure listed in condition 1.
Critical Containment Infrastructure Report	means a report to satisfy the CEO that works of critical containment infrastructure have been constructed in accordance with the works approval.
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V Division 3 of the EP Act.
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
EP Act	<i>Environmental Protection Act 1986</i> (WA).
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA).
premises	the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
time limited operations	refers to the operation of the infrastructure and equipment identified under this works approval that is authorised for that purpose, subject to the relevant conditions.

Term	Definition
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the conditions.
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval.

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**END OF CONDITIONS**



Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).



Figure 1: Map of the boundary of the prescribed premises



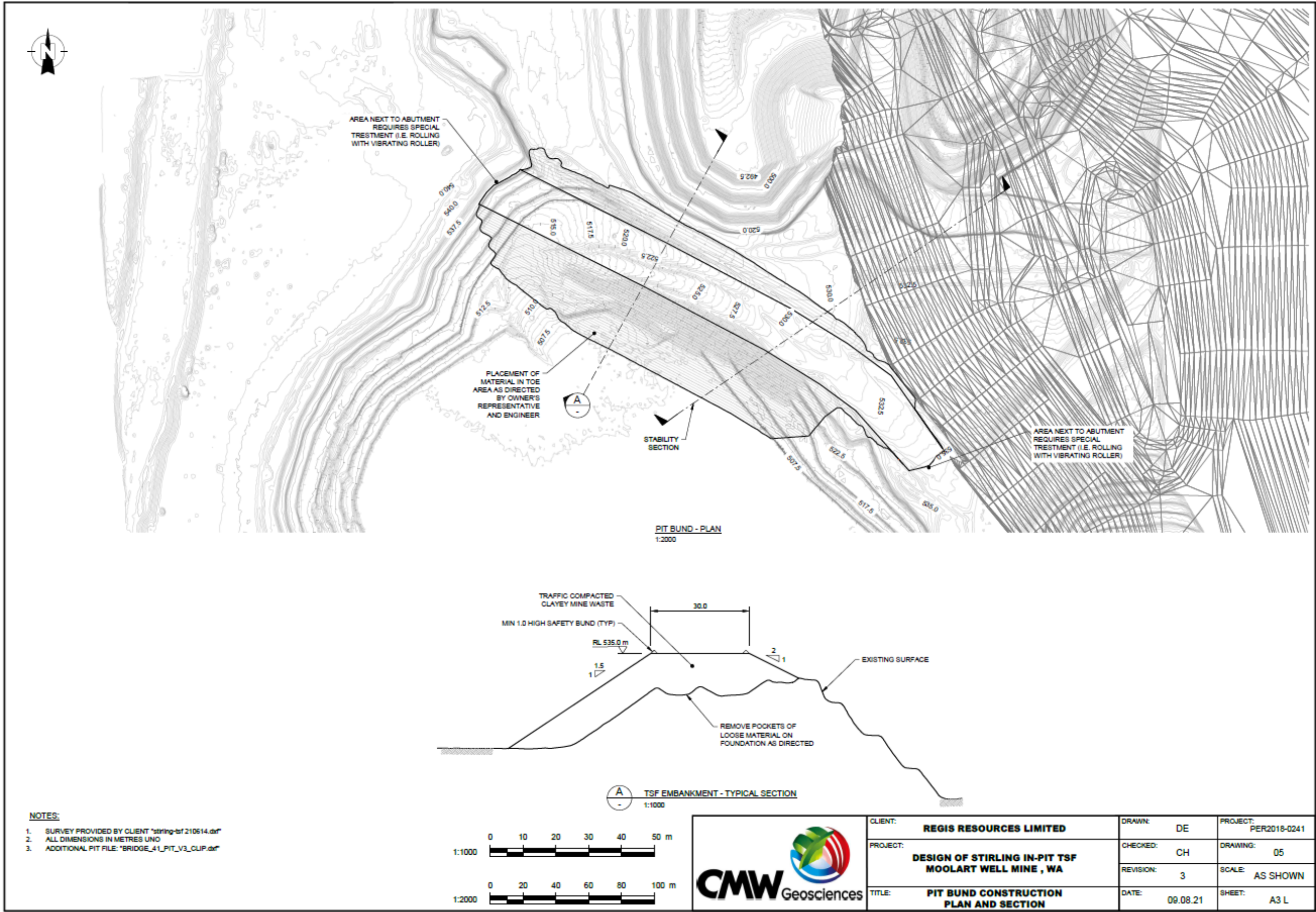


Figure 2: Stirling in-pit TSE pit bund construction and typical section



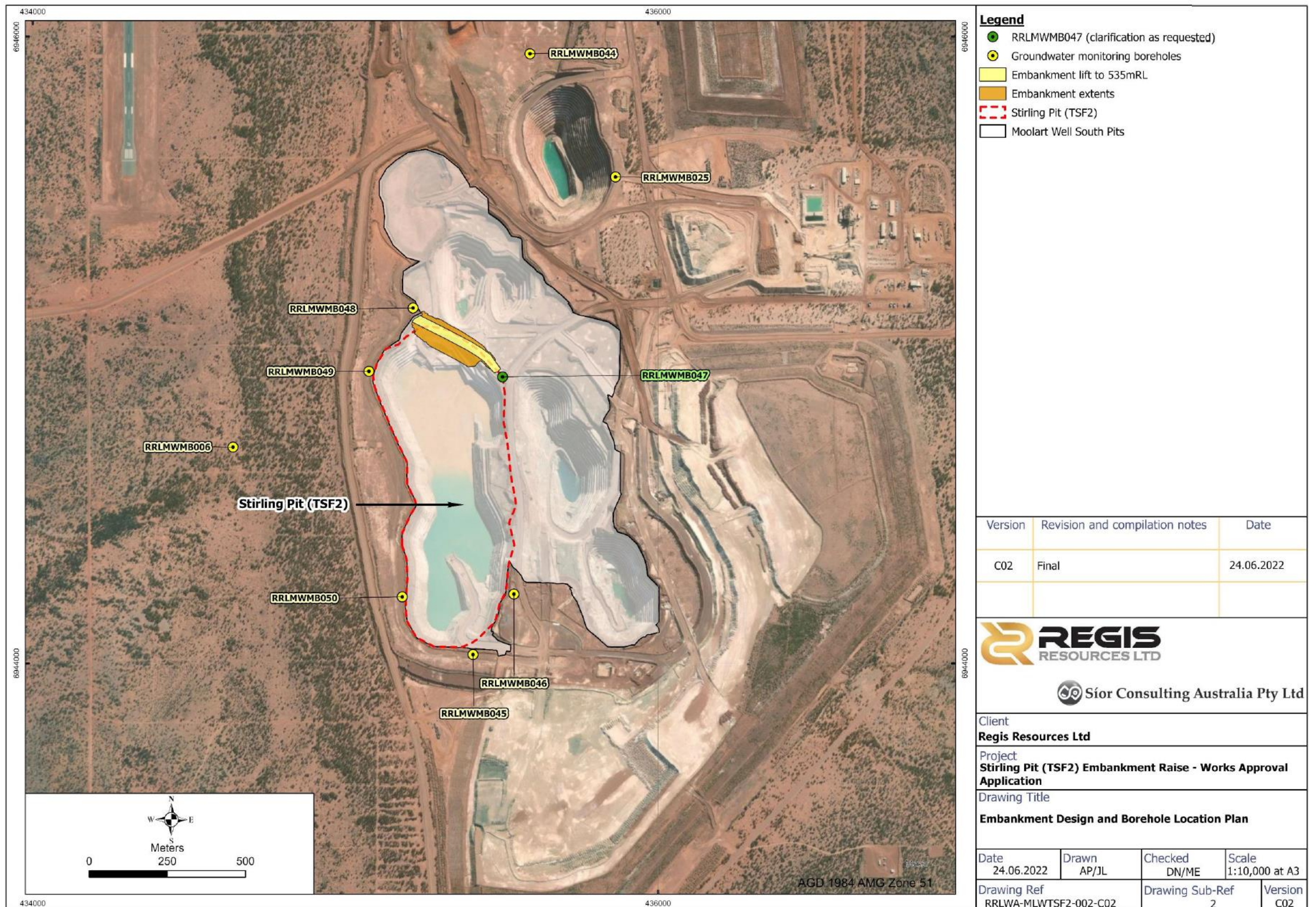


Figure 3: Embankment design and Bore hole location plan