



# Works Approval

<b>Works approval number</b>	W6636/2022/1
<b>Works approval holder</b>	Boab Metals Limited
<b>ACN</b>	ACN 107 159 713
<b>Registered business address</b>	Level 1, 105 St Georges Terrace PERTH WA 6000
<b>DWER file number</b>	DER2018/001042-6~64
<b>Duration</b>	11/03/2022 to 10/03/2028
<b>Date of issue</b>	10/03/2022
<b>Date of amendment</b>	04/03/2025
<b>Premises details</b>	Part of the Mining Lease M80/286 KUNUNURRA WA 6473 As defined by the premises maps attached to the issued works approval

<b>Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)</b>	<b>Assessed production / design capacity</b>
Category 12: Screening etc, of material	2 million tonnes per annum.

This amended works approval is granted to the works approval holder, subject to the attached conditions, on 04/03/2025, by:

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

## Works approval history

Date	Reference number	Summary of changes
10/03/2022	W6636/2022/1	Works approval granted.
04/03/2025	W6636/2022/1	Works approval amended to extend expiry date by 3 years until 10/03/2028.

## 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 construct and/or install the infrastructure and/or equipment at the corresponding infrastructure location as set out in Table 1.

**Table 1: Design and Installation requirements**

	Infrastructure	Design and installation requirements	Infrastructure location
1.	1 x mobile crushing and screening plant	<p>Design capacity of 2 million tonnes per annum</p> <p>Crushing and screening plant to consist of, but not limited to the following;</p> <ul style="list-style-type: none"> <li>(a) primary jaw crusher</li> <li>(b) scalping screen</li> <li>(c) secondary cone crusher</li> <li>(d) tertiary cone crusher</li> <li>(e) product screen</li> <li>(f) telestack conveyor</li> </ul> <p>Constructed and operates as per the manufacturer's specifications</p>	Schedule 1 in Figure 1
2.	1 x front end loader	N/A	

#### Compliance reporting

2. The works approval holder must within 30 calendar days of an item of 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 an Environmental Compliance Report on that compliance.
3. The Environmental Compliance Report required by condition 2, must include as a minimum the following:
  - (a) certification by a suitably qualified person that the items of infrastructure or component(s) thereof, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;
  - (b) a detailed site plan for each item of 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 operations for an item of infrastructure identified in condition 1:
  - (a) where the item of infrastructure is not authorised to undertake environmental commissioning, the Environmental Compliance 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 operations for an item of infrastructure specified in condition 6 (as applicable):
  - (a) for a period not exceeding 90 calendar days from the day the works approval holder meets the requirements of condition 6 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

6. During time limited operations, the works approval holder must ensure that the premises 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 and equipment	Operational requirement	Infrastructure location
1.	<p>1 x mobile crushing and screening plant</p> <p>Crushing and screening plant to consist of, but not limited to the following;</p> <ol style="list-style-type: none"> <li>(a) primary jaw crusher</li> <li>(b) scalping screen</li> <li>(c) secondary cone crusher</li> <li>(d) tertiary cone crusher</li> <li>(e) product screen</li> <li>(f) telestack conveyor</li> </ol>	<p>Dust Controls:</p> <ul style="list-style-type: none"> <li>• Sprays will be used on the conveyor, chutes, and feed point on the mobile screening and crushing plant</li> <li>• All conveyors will be covered to minimise dust lift-off</li> <li>• Water carts using a spray bar delivery system and boom sprinklers will be used to water down roads</li> </ul> <p>Discharge of Contaminants to Land Controls:</p> <ul style="list-style-type: none"> <li>• All crushing and screening will occur over the dry season</li> <li>• Hazardous chemicals, fuel, and other hydrocarbons will be stored and managed in accordance with <i>AS1940 – 2017 (as amended 2019 and 2021): Storage and handling of flammable and combustible liquids</i></li> <li>• Hazardous chemicals, fuel, and other hydrocarbons will be in a bunded area, with a collection sump installed at the refuelling area</li> </ul>	Schedule 1; Figure 1

		<ul style="list-style-type: none"> <li>• Spill kits and other spill management equipment will be available on site</li> <li>• Appropriate maintenance on vehicles and associated machinery to minimise spillage</li> </ul> <p>Sediment Laden and/or Stormwater Controls:</p> <ul style="list-style-type: none"> <li>• All crushing and screening will occur over the dry season</li> <li>• Erosion and sediment control measures will be incorporated into the prescribed premises boundary to reduce runoff from the stockpiles and potential release of sediments to the surface water</li> <li>• Stockpile materials are to be located away from drainage lines</li> <li>• Diversion drains are to be constructed around the crushing and screening area</li> <li>• Bunding is to be placed around the crushing and screening plant and stockpiles to restrict runoff</li> <li>• Sediment basins are to be constructed within the crushing and screening plant to control quality of runoff outside of the operating area</li> </ul>	
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### Compliance reporting

7. The works approval holder must submit to the CEO a report on the time limited operations within 60 calendar days of the completion date of time limited operations or 60 calendar days before the expiration date of the works approval, whichever is the sooner.
8. The works approval holder must ensure the report required by condition 7 includes the following:
  - (a) a summary of the time limited operations, including timeframes;
  - (b) a summary of the environmental performance of all infrastructure as constructed or installed (as applicable), which includes records detailing the:
    - (i) amount of total material processed; and
    - (ii) amount of rock produced.
  - (c) where the manufacturer’s design specifications and the conditions of this works approval have not been met, what measures will the works approval holder take to meet them, and what timeframes will be required to implement those measures.

### Records and reporting (general)

9. 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:

- (a) the name and contact details of the complainant, (if provided);
  - (b) 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.
- 10.** 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 conditions 1 and 6; and
  - (c) complaints received under condition 9.
- 11.** The books specified under condition 10 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
AS1970	means Australian Standard AS 1940: <i>The storage and handling of flammable and combustible liquids.</i>
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>
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.
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and/or equipment has been constructed and/or installed in accordance with the works approval.
EP Act	<i>Environmental Protection Act 1986 (WA).</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA).</i>
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.
Suitably qualified engineer	means a person who holds a tertiary academic qualification in engineering and has a minimum of 3 years of experience in their area of expertise.
waste	has the same meaning given to that term under the EP Act.

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 orange outline on the map below (Figure 1).

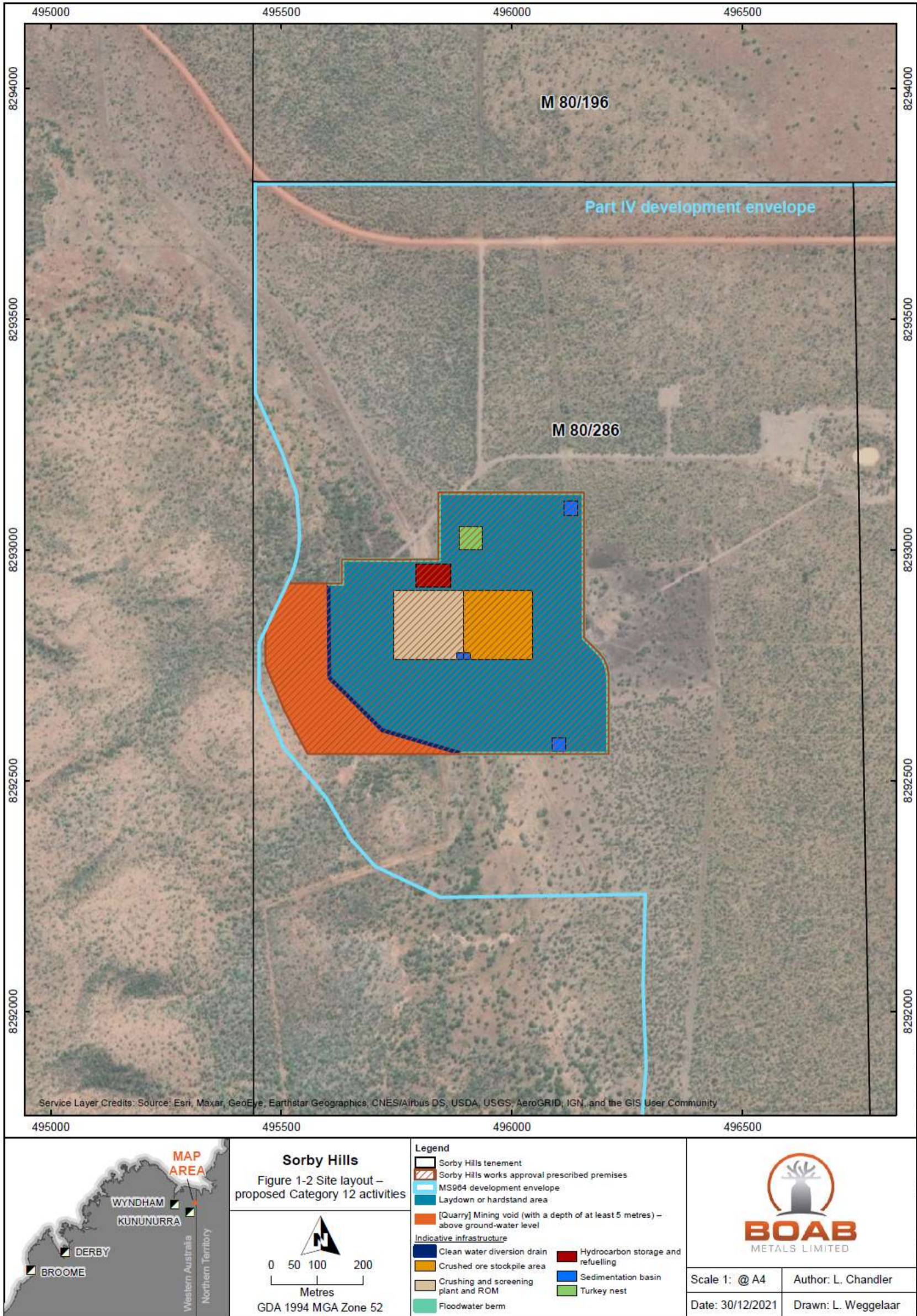


Figure 1: Prescribed premises boundary

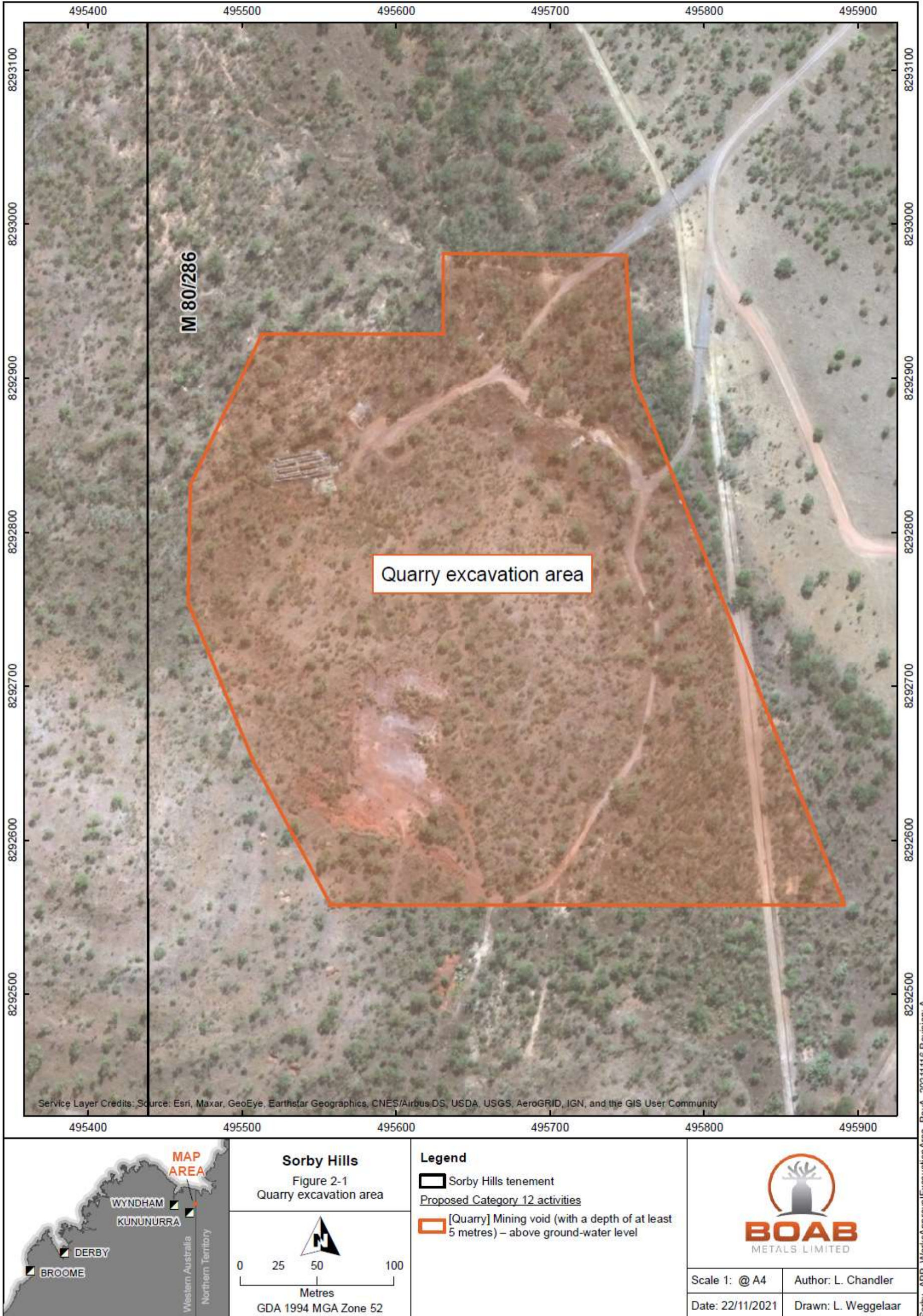


Figure 2: Quarry excavation area