



Works approval number	W6818/2023/1
Works approval holder	Terra Mining Pty Ltd
ACN	605 732 518
Registered business address	2 / 225 St Georges Terrace, Perth, Western Australia 6000
DWER file number	DER2023/000264
Duration	05/12/2023 to 04/12/2026
Date of issue	05/12/2023
Premises details	Extension Hill Mine Site Mining Tenements: G59/34, G59/62, M59/338 and M59/339 PAYNES FIND WA 6612

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 5: Processing or beneficiation of metallic or non-metallic ore	5,000,000 tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 05 December 2023, by:

A/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
05/12/2023	W6818/2023/1	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 and/or install the infrastructure and/or equipment;
 - (b) in accordance with the corresponding design and construction / installation requirements;
 - (c) at the corresponding infrastructure location; and
 - (d) within the corresponding timeframe,
 as set out in Table 1.

Table 1: Design and construction / installation requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location	Timeframe
1.	Crushing and Screening Plant	Dust controls: <ul style="list-style-type: none"> • Skirted at ore transfer points; • Conveyor belt scrapers; • Belt plough on the return belt; 	Schedule 1: Maps, Figure 1 and Figure 2	Prior to the submittal of the Environmental Compliance Report required by condition 2
2.	Ore Stacking Plant	<ul style="list-style-type: none"> • Dust suppression sprays at transfer points and stockpiles; and • Deluge spray at the hopper; and Dust controls will be located on the plant at the following locations: <ul style="list-style-type: none"> • ROM hopper; • Transfer point between jaw crusher and Screen No1; • Transfer point between Screen No1 to Cone Crusher; • Transfer point between the cone crusher and screen; • Transfer point between recirculation and cone crusher; • Transfer point between the screen and fines stacker; • Transfer point between the screen and lump stacker; and • Product transfer point from the lumps and fines stacker to the cone. 	Schedule 1: Maps, Figure 1 and Figure 2	Prior to the submittal of the Environmental Compliance Report required by condition 2

	Infrastructure	Design and construction / installation requirements	Infrastructure location	Timeframe
		<p>Stormwater controls:</p> <ul style="list-style-type: none"> • Pre-existing haul roads and access tracks will be used to minimise interference to natural drainage; • During high rainfall events the effect of stormwater discharge from the site will be controlled. Adequate drainage will be assured through site structures, stockpiles and roadways; • Contaminated water from work areas will be kept separate from clean stormwater; and • Water interfacing with work areas will be directed to oily water separators. 		
3.	Hydrocarbons / chemical storage / transfer areas	<ul style="list-style-type: none"> • The fuel tank (double skinned) will be protected against collision by equipment and/or vehicles by the placement of appropriate barriers or bollards. 	Schedule 1: Maps, Figure 1 and Figure 2	Prior to the submittal of the Environmental Compliance Report required by condition 2

Compliance reporting

2. The works approval holder must within 60 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) as constructed plans and 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 time limited operations for an item of infrastructure identified in condition 6:
 - (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 time limited operations for an item of infrastructure specified in condition 6 (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).
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

	Site infrastructure and equipment	Operational requirements	Infrastructure location
1.	Crushing and Screening Plant	Use and maintenance of dust controls as per Condition 1, Table 1. Use and maintenance of stormwater controls as per Condition 1, Table 1.	Schedule 1: Maps, Figure 1 and Figure 2
2.	Ore Stacking Plant		Schedule 1: Maps, Figure 1 and Figure 2
3.	Hydrocarbon / chemical storage / transfer areas	<ul style="list-style-type: none"> Lubricants and waste oil contained within portable bunding; All refuelling and vehicle maintenance to occur within a bunded area sufficiently large enough to prevent uncontrolled releases into drainage lines; Spill kits placed at the refuelling area and in-service vehicles and staff trained in the proper use of the kits; Areas adjacent to secondary storage facilities contoured to drain away from the facilities to prevent impact and flooding; and Water or other liquids that collect in the storage facilities removed and treated. 	Schedule 1: Maps, Figure 1 and Figure 2

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 30 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 and amount of material processed;

- (b) a summary of the environmental performance of all infrastructure as constructed or installed (as applicable), which includes records detailing the:
 - (i) tonnes of ore processed; and
 - (ii) tonnes of product produced;
- (c) a review of operational performance and compliance against the conditions of the works approval and the Environmental Commissioning Report; and
- (d) 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 condition 1; 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
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 info@dwer.wa.gov.au
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</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 and Figure 2) in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
ROM	Run-Of-Mine.
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.
waste	has the same meaning given to that term under the EP Act.
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.

END OF CONDITIONS

Schedule 1: Maps

Premises map

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

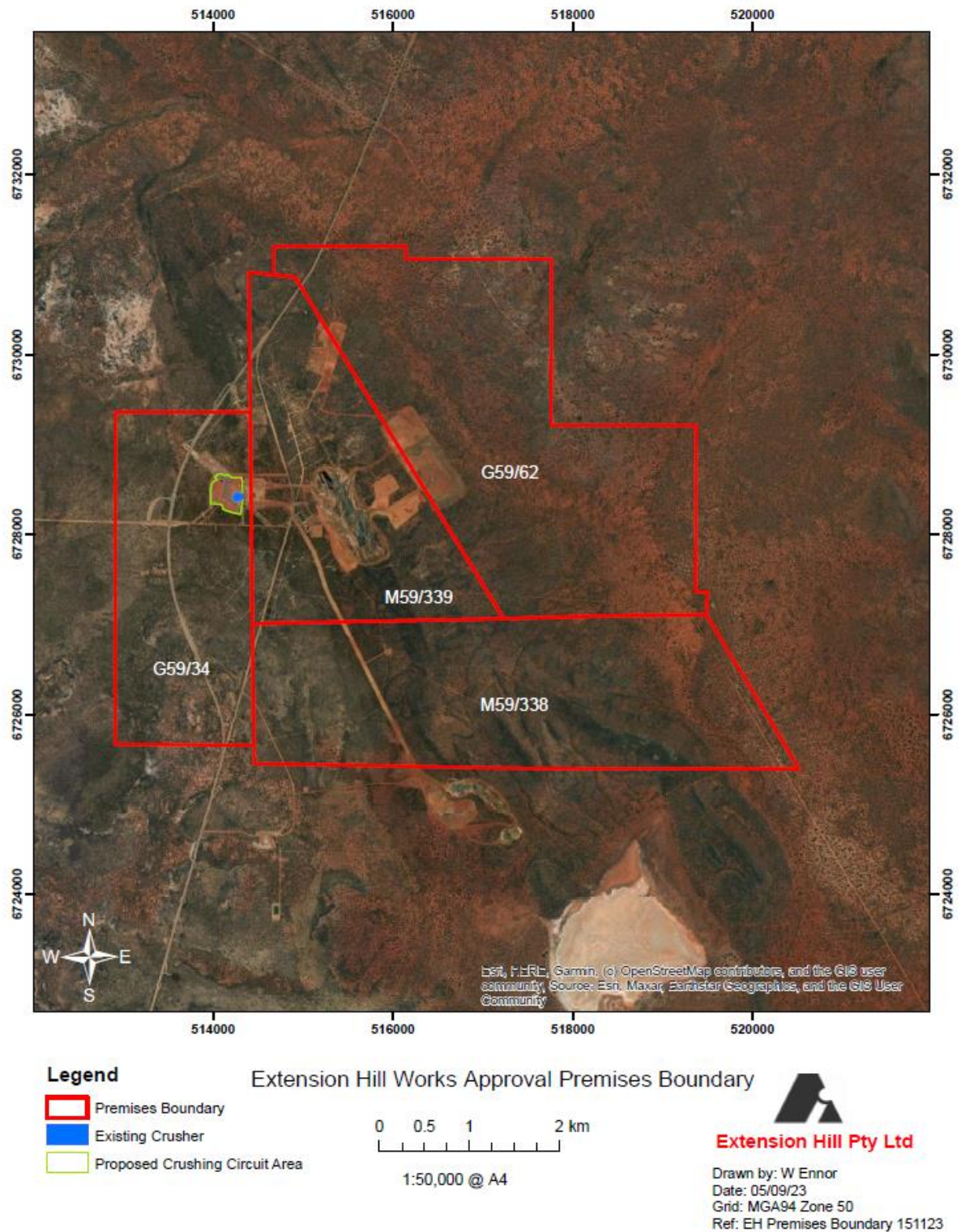


Figure 1: Map of the boundary of the prescribed premises



Figure 2: Extension Hill Crushing Circuit Area