



Works Approval

Works approval number W3071/2025/1

Works approval holder Abra Mining Pty Ltd (AMPL)

ACN 110 233 577

Registered business address 2nd Floor, 1100 Hay Street
WEST PERTH WA 6005

DWER file number DER2023/000048

Duration 21/10/2025 to 21/10/2028

Date of issue 22/10/2025

Premises details

Abra Base Metals Project
MEEKATHARRA WA 6642

Legal description -
Part of mining tenements L52/194, M52/776,
G52/292 and L52/210
As defined by the premises maps in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed design capacity
Category 89: Putrescible landfill site: premises (other than clean fill premises) on which waste of a type permitted for disposal for this category of prescribed premises, in accordance with the Landfill Waste Classification and Waste Definitions 1996, is accepted for burial.	5,000 tonnes per annum

This works approval is granted to the works approval holder, subject to the attached conditions, on 22 October 2025, by:

MANAGER, RESOURCE INDUSTRIES

Officer delegated under section 20 of the Environmental Protection Act 1986

Works approval history

Date	Reference number	Summary of changes
22/10/2025	W3071/2025/1	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; and
 - (c) at the corresponding infrastructure location,
 as set out in Table 1.

Table 1: Design and construction / installation requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	Landfill Trenches	• Landfill site must be sited to meet the following requirements: - 35 metres from the fence surrounding the site; - 100 metres of any surface water body at the site; - 3 metres of the highest level of the water table aquifer at the site. • Five landfill trenches, each measuring 5 m in width, 4 m in depth, and 150 m in length (total trench volume: 15,000 m³). • Faunal egress ramps for each trench. • Access tracks to support landfill management and maintenance. • Signage and fencing. • Fencing around the boundary of the site must provide an effective barrier to cattle, horses and other stock. • Must ensure that there is a firebreak of at least 3 metres around the boundary of the	Shown in Schedule 1, Figure 1

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		landfill.	
2.	Stormwater management Infrastructure	A 0.5 m high earthen bund around the perimeter of the landfill area to ensure that stormwater is diverted around waste disposal areas.	Shown in Schedule 1, Figure 1

2. The works approval holder must use water carts to manage dust lift-off from active construction areas to prevent dust emissions that may cause environmental harm.

Compliance reporting

3. 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:
- undertake an audit of their compliance with the requirements of condition 1; and
 - prepare and submit to the CEO an Environmental Compliance Report on that compliance.
4. The Environmental Compliance Report required by condition 3, must include as a minimum the following:
- certification by a Suitably Qualified Engineer 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;
 - as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and
 - 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

5. The works approval holder may only commence time limited operations for an item of infrastructure identified in condition 1 where the Environmental Compliance Report as required by condition 3 and 4 has been submitted by the works approval holder for that item of infrastructure.
6. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 7 (as applicable):
- for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 5 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*

Time limited operations requirements and emission limits

7. 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 operational requirements during time limited operations

	Infrastructure	Operational Requirements	Infrastructure location
3.	Landfill Trenches	- Waste to be disposed of into a below-ground trench; - Only one trench to be active at a time; - Fences to be erected around perimeter of active landfill trenches; - Trenches to be closed upon reaching capacity; - Windblown waste must be collected on at least a monthly basis and returned to the landfill for burial; and - Wastes will be compacted and covered monthly;	Shown in Schedule 1, Figure 1
4.	Stormwater management Infrastructure	bunding to be maintained around the landfill facility to diver stormwater from the waste disposal areas.	Shown in Schedule 1, Figure 1

Waste acceptance and disposal

8. The works approval holder must only accept waste and dispose of waste into the landfill if;
- It is a type listed in Table 3;
 - The quantity accepted is below the limit listed in Table 3; and
 - It meets any specification listed in Table 3.

Table 3: Waste Management

Waste Type	Process(es)	Quantity Limit	Specification
Type 1 inert waste	Receipt, handling, and disposal of waste by landfilling	Combined total limit of 5,000 tonnes per annual period	Must be disposed of into the landfill shown in Schedule 1, Figure 1
Type 2 inert waste (Tyres) ¹			Disposal of waste by landfilling must only take place within the landfill area shown on the Landfill Area Map in Schedule 1.
Putrescible waste			No waste must be temporarily stored or landfilled within 35 metres from the boundary of the premises.
Timber, HDPE pipe and steel			The separation distance between the base of the landfill and the highest groundwater level must be a minimum 3 metres.
Contaminated solid waste meeting Class II acceptance criteria as defined in the Landfill definitions			To be covered at least weekly with sufficient quantities of Type 1 inert waste or clean fill to ensure no waste is exposed. Must ensure that there is enough cover material at any time stored and readily available on the site for the tipping area of the site to be covered, in accordance with the above cover requirement.

Note 1: Additional requirements for landfilling tyres are set out in Part 6 of the *Environmental Protection Regulations 1987*.

9. The works approval holder must ensure that where waste does not meet the waste acceptance criteria set out in Condition 8 it is removed from the Premises by the delivery vehicle or, where that is not possible, stored in a quarantined storage area or container and removed to an appropriately authorised facility as soon as practicable.
10. The works approval holder must ensure that no visible dust escapes from the landfill site.

Monitoring

11. The works approval holder must record the total amount of waste accepted onto the premises, for each waste type listed in Table 5, in the corresponding unit, and for each corresponding time period, as set out in Table 5.

Table 5: Waste accepted onto the premises

Waste Type	Units	Time Period
Type 1 inert waste	Tonnes	Each load arriving at the premises
Type 2 inert waste (Tyres)		
Putrescible waste		
Timber, HDPE pipe and steel		
Contaminated solid waste meeting Class II acceptance criteria as defined in the Landfill definitions		

12. The works approval holder must record the total amount of waste removed from the premises, for each waste type listed in Table 6, in the corresponding unit, and for each corresponding time period set out in Table 6.

Table 6: Waste removed from the premises

Waste Type	Units	Time Period
Waste type as defined in the landfill definitions	Tonnes	Each Load leaving or rejected from premises

Compliance reporting

13. The works approval holder must submit to the CEO a report on the time limited operations within 30 calendar days of the completion date of time limited operations or 90 calendar days before the expiration date of the works approval, whichever is the sooner.
14. The works approval holder must ensure the report required by condition 13 includes the following:
- (a) a summary of the time limited operations, including timeframes and volumes of waste material disposed and removed from the Premises; and
 - (b) volumes of waste types disposed itemised as per the waste acceptance provisions specified in condition 8.

Records and reporting (general)

15. 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.
- 16.** 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 7;
 - (c) waste classification evidence (laboratory certificates) for Class II contaminated solid waste disposed of in accordance with condition 8
 - (d) monitoring programmes undertaken in accordance with conditions 11 and 12; and
 - (e) complaints received under condition 15.
- 17.** The books specified under condition 16 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 2 have the meanings defined.

Table 2: Definitions

Term	Definition
annual period	a 12 month period commencing from 1 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 info@dwer.wa.gov.au
Contaminated solid waste	has the meaning as defined in the Landfill Definitions.
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).
Inert waste type 1	has the meaning as defined in the Landfill Definitions.
Inert waste type 2	has the meaning as defined in the Landfill Definitions.
Landfill Definitions	Means the document titled <i>Landfill Waste Classification and Waste Definitions 1996</i> .
monthly period	means a one-month period commencing from the first day of a month until the last day of that same month.
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.

Term	Definition
prescribed premises	has the same meaning given to that term under the EP Act.
putrescible waste	has the meaning as defined in the Landfill Definitions.
Suitably qualified engineer	Means a person who: a) holds a Bachelor of Engineering recognised by Engineers Australia; and b) has a minimum of 5 years of experience; and c) is employed by an independent third party external to the works approval holder's business; or is otherwise approved by the CEO to act in this capacity.
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

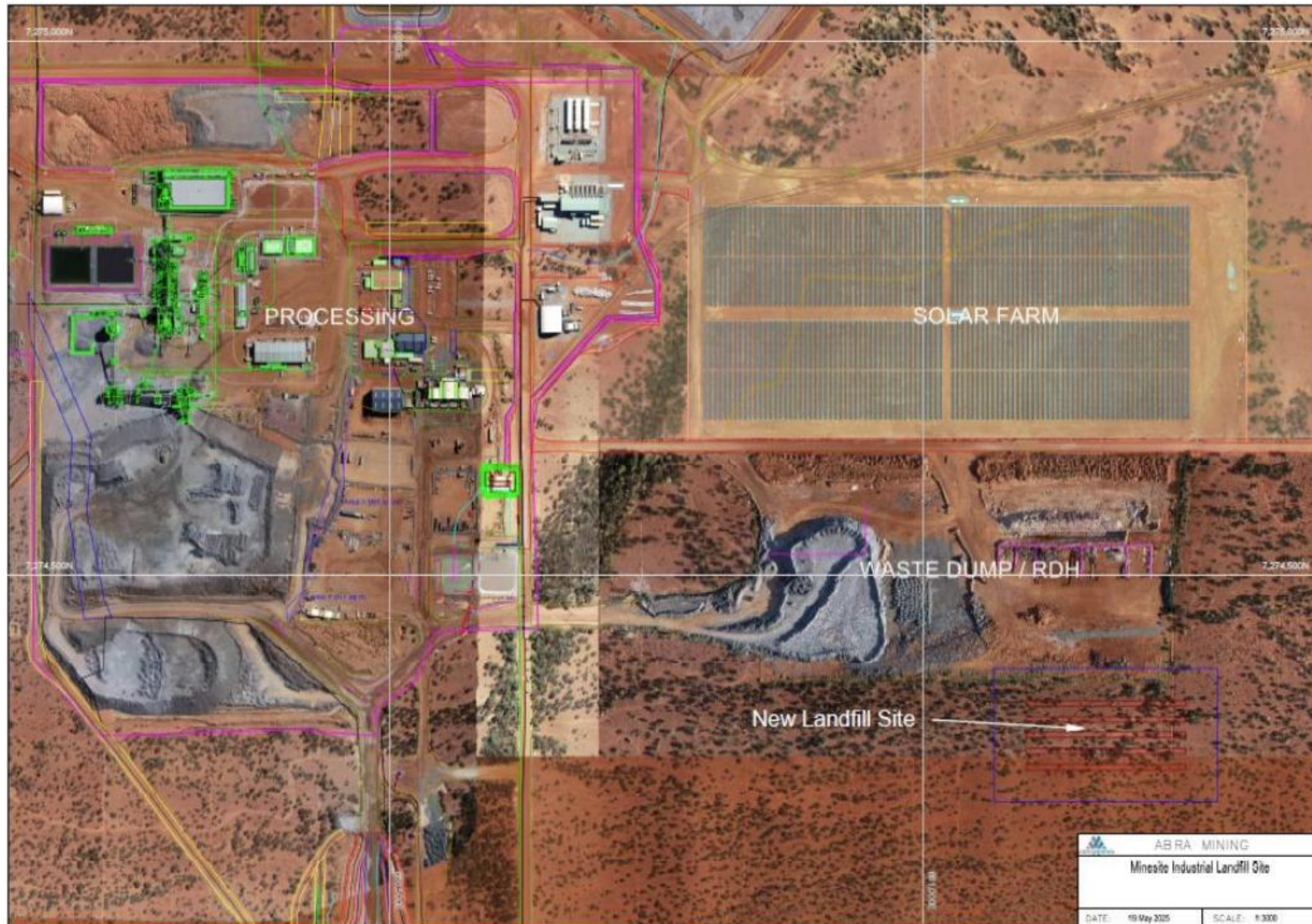


Figure 2: Proposed Landfill location

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IR-T05 Works approval template (v6.0) (September 2022)

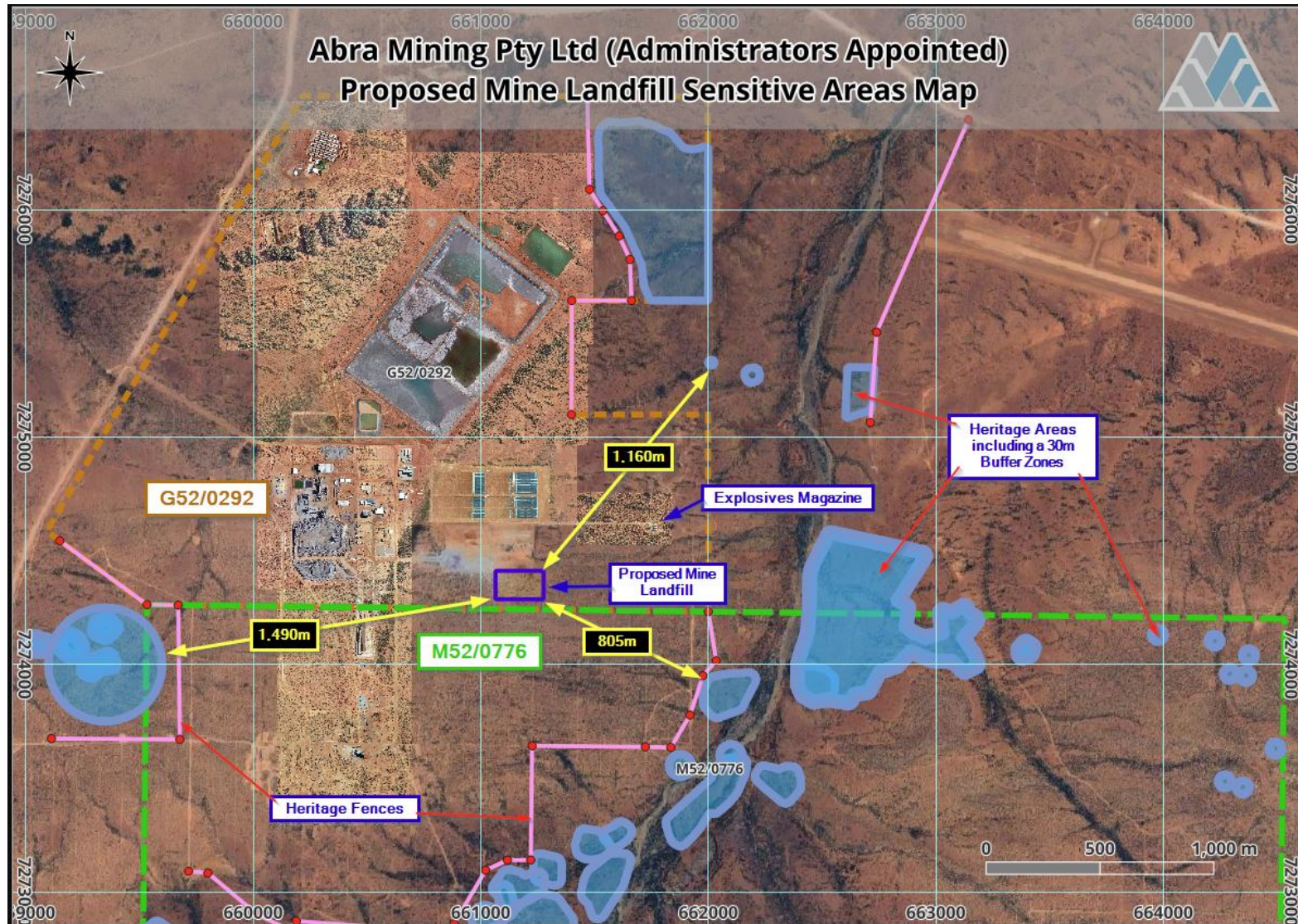


Figure 3: Distance to sensitive receptors

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