



Works Approval

Works approval number	W2977/2025/1
Works approval holder	Mario Michele Giacci
ACN	165 448 920
Registered business address	26 Stirling Street BUNBURY WA 6230
DWER file number	INS-0002977
Duration	01/08/2025 to 31/07/2028
Date of issue	01/08/2025
Premises details	Ludlow-Hithergreen Road RUABON WA 6280 Legal description - Part of/Lot 62 on Deposited Plan 4002 Certificate of Title Volume 2631 Folio 291

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed design capacity
Category 12: Screening, etc. of material – premises (other than premises within category 5 or 8) on which material extracted from the ground is screened, washed, crushed, ground, milled, sized or separated.	200,000 tonnes per annum

This works approval is granted to the works approval holder, subject to the attached conditions, on 01 August 2025, by:

MANAGER, RESOURCE INDUSTRIES

STATE-WIDE DELIVERY (ENVIRONMENTAL REGULATION)

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

Works approval history

Date	Reference number	Summary of changes
01/08/2025	W2977/2025/1	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.	Crushing and screening plant	a) Crushing and screening plant consisting of: <ol style="list-style-type: none"> i) CAT 980H Loader (or similar) ii) Terex J1175 Crusher (or similar) iii) McCloskey S190 Screening Plant (or similar) iv) Telestak Stockpiler (or similar) v) Other Machinery (e.g. mobile vehicles) b) Installed and constructed as per manufacturer's requirements. c) Ensure machinery is regularly serviced, shut off when not in use, use flashing lights/broadband alarms instead of tonal reversing alarms on excavators/loaders. d) Spill kits containing appropriate equipment for control, containment and cleanup of hydrocarbon and chemical spills to be located in appropriate locations onsite. Ensure adequate containment and bunding is in place to contain any spills that may occur.	Figure 2, Schedule 1
2.	Water Tanker	e) 10,000L water tanker (or similar) to be operated during construction and operation of crushing and screening plant for dust suppression.	N/A
3.	Topsoil Stockpiles	f) Topsoil stripping shall not occur during forecasted winds in excess of 20 km/hr. g) Overburden and topsoil will be used to form perimeter bunds to assist with noise screening.	N/A

	Infrastructure	Design and construction / installation requirements	Infrastructure location
4.	Bunding	h) Bunding is required within the excavation areas at the southern side of each stage to ensure noise is minimised. i) Bunding required around the crushing and screening plant at 3 m in height. j) Ensure the perimeter bunds divert any surface water falling outside the pit to the drainage system.	Figure 2, Schedule 1

Compliance reporting

2. The works approval holder must within 30 calendar days of an item of infrastructure or equipment required by condition 1 being 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 third party crushing/screening plant operator and fitter that the crushing and screening plant 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 1 where 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 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 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	Design and construction / installation requirements
Mobile crushing and screening plant Other machinery (e.g. mobile vehicles)	<ul style="list-style-type: none"> a) Install and maintain the equipment as per the manufacturer's design requirements within the extraction area marked on Figure 3 of Schedule 1. b) Use of significant noise generating equipment simultaneously avoided. c) All machinery and equipment shut off when not in use. d) Use of flashing lights instead of tonal reversing alarms on excavators/loaders. e) Maintain pit capacity for containment of surface water runoff to that produced within the excavation area from at least the two hour, 1 in 10 (10%) annual exceedance probability storm event. f) Constructed cells to be maintained with a gradient to ensure that stormwater is contained within the excavation footprint. g) When each section of the quarry is completed, it will be reformed and back filled, to ensure a separation of around 5 m between the final contours and maximum groundwater elevation. h) Spill kits containing appropriate equipment for control, containment and cleanup of hydrocarbon and chemical spills are to be located in appropriate locations onsite. Ensure adequate containment and bunding is in place to contain any spills that may occur.
Topsoil Stockpiles	<ul style="list-style-type: none"> i) Overburden and topsoil used to form perimeter bunds to assist with noise screening and be maintained at locations marked on Figure 3 of Schedule 1. j) Topsoil piles to be dampened and kept to a maximum height of 3 m.
Bunding	<ul style="list-style-type: none"> k) Maintain bunding located in Figure 2 of Schedule 1. l) Ensure the perimeter bunds divert any surface water falling outside the pit to the drainage system.

7. The works approval holder must ensure that operation of the crushing and screen plant at the premises only occurs between the hours of 7:00am and 6:00pm on the days of Monday through to Friday, and 7:00am and 1:00pm on Saturdays. No

activities should occur on Sundays or Public Holidays.

8. The works approval holder must ensure that no visible dust generated from the primary activities crosses the boundary of the premises.
9. The works approval holder must manage dust generation at the premises by:
 - a) Ensuring a water truck is available at all times to wet down the site as required;
 - b) Limiting all vehicle traffic within the premises to speeds of less than 20 km/hr;
 - c) Ceasing dust-generating activities during strong wind conditions in excess of 40 km/hr;
 - d) Transport of material must be via covered trucks or dampened prior to transport.

Compliance reporting

10. 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 30 calendar days before the expiration date of the works approval, whichever is the sooner.
11. The works approval holder must ensure the report required by condition 10 includes the following:
 - (a) a summary of the time limited operations, including any relevant timeframes and amount of material processed;
 - (b) a review of performance and compliance against the conditions of the works approval; and
 - (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)

12. 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.
13. 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 12.
14. The books specified under condition 13 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) 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.
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).

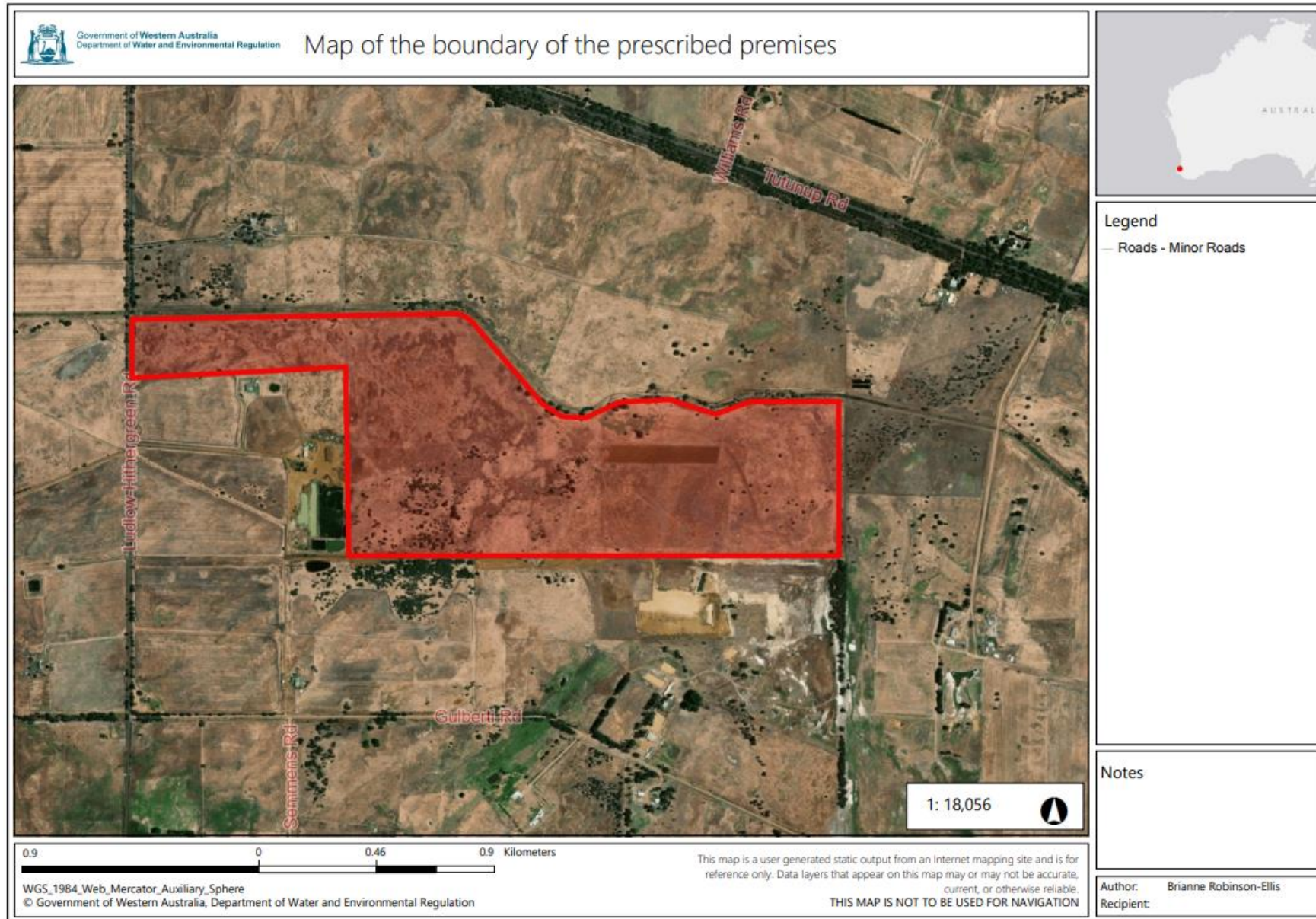


Figure 1: Map of the boundary of the prescribed premises

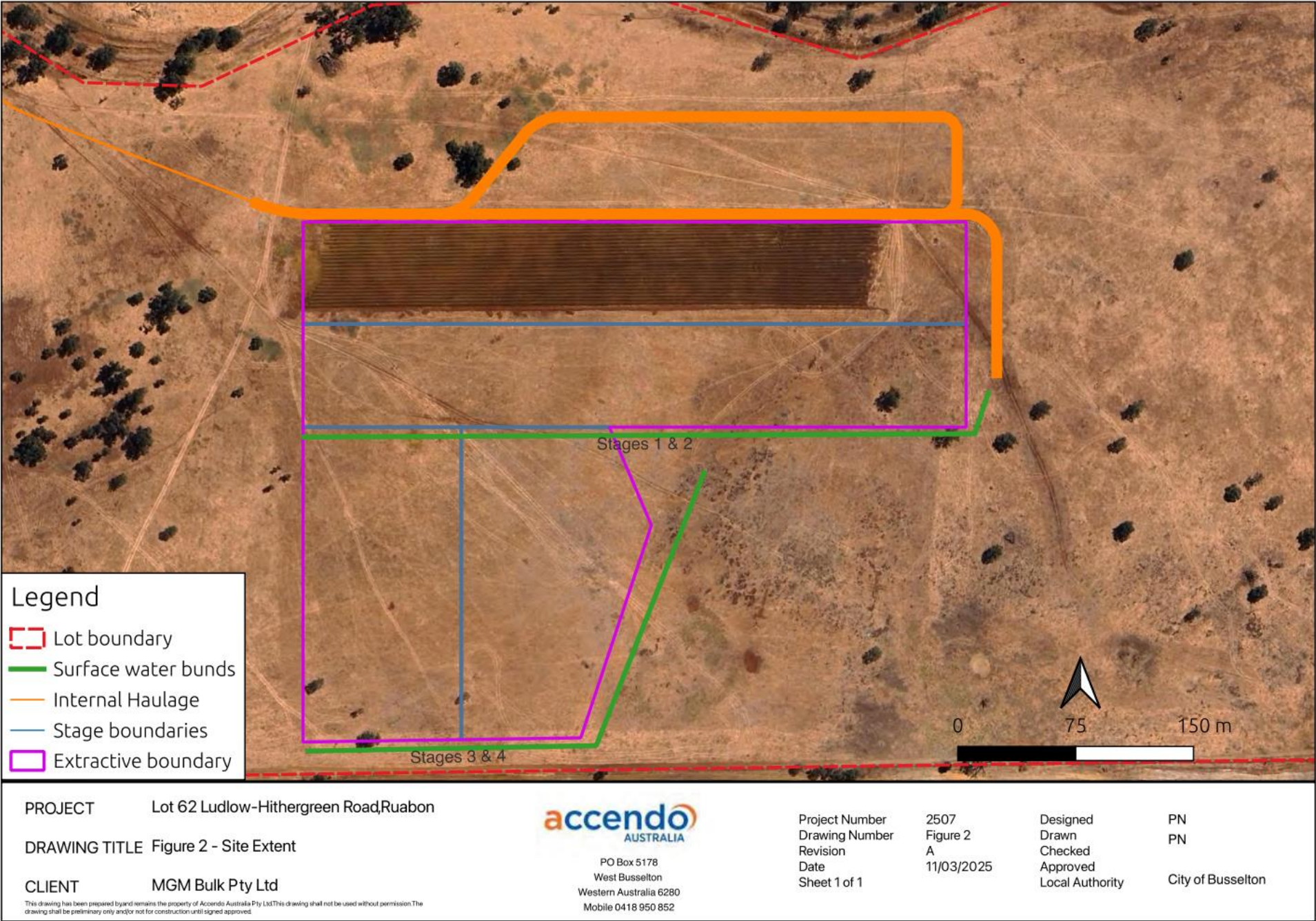


Figure 2: Map of the extractive and stage boundaries and surface water bunds

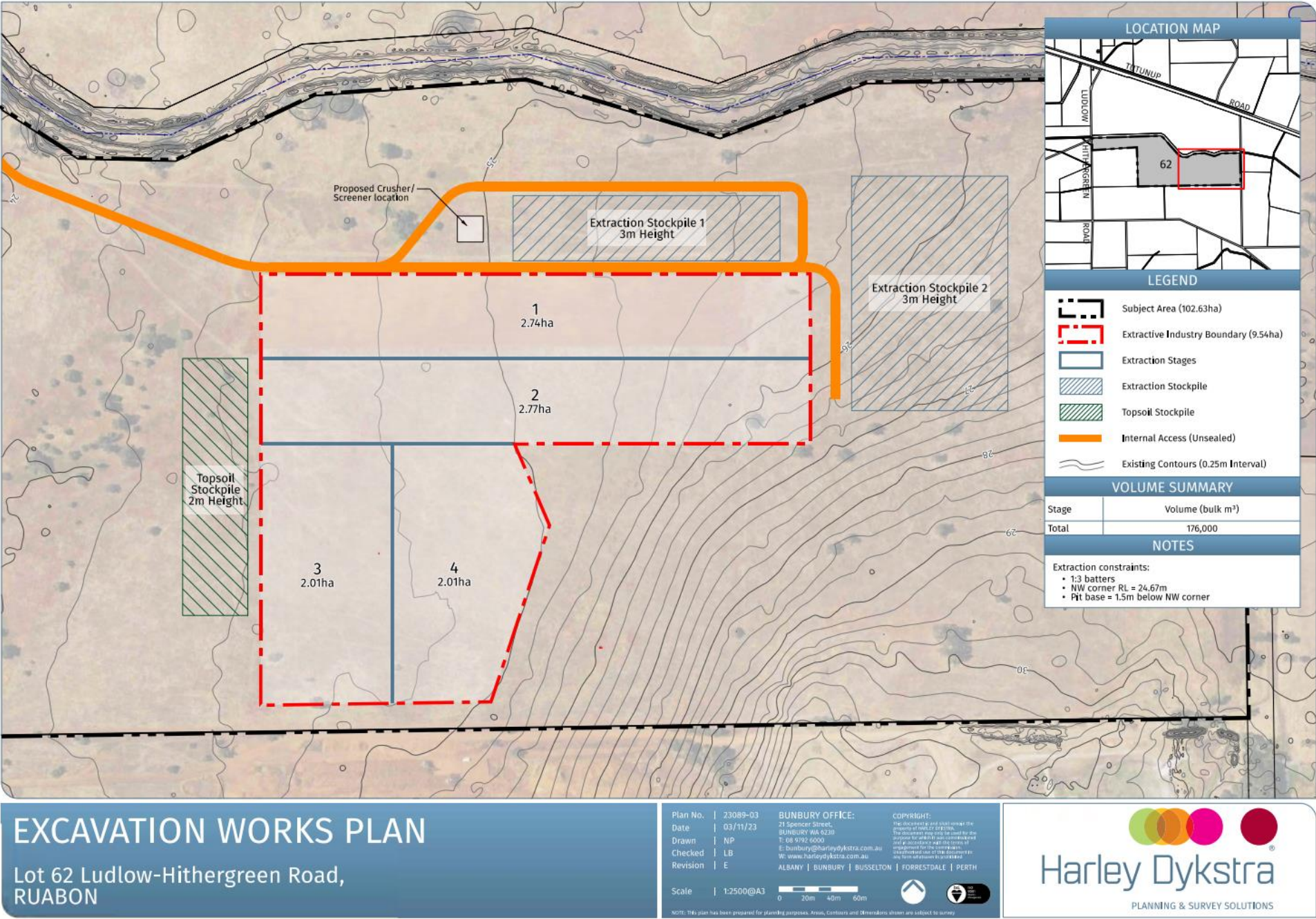


Figure 3: Excavation works plan