



Works approval number	W6881/2024/1
Works approval holder	Mardie Minerals Pty Ltd
ACN	152 574 457
Registered business address	Level 2, 1 Altona Street West Perth WA 6005
DWER file number	DWERVT13704~58
Duration	17/06/2024 to 16/06/2027
Date of issue	17/06/2024
Premises details	Mardie Project – Crushing and Screening Plant Legal description - Part of Mining tenement M08/538 KARRATHA WA 6714 As defined by the Premises Map in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 12: screening etc. of material	1.7 million tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 17 June 2024, by:

MANAGER, RESOURCE INDUSTRIES
INDUSTRY REGULATION (STATEWIDE DELIVERY)
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

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 install the infrastructure and equipment;
 - (b) in accordance with the corresponding design and installation requirements; and
 - (c) at the corresponding infrastructure location, as set out in Table 1.

Table 1: Design and installation requirements

	Infrastructure	Installation requirements	Infrastructure location
1.	Crushing and screening plant	a) Crushing and screening plant to consist of: <ol style="list-style-type: none"> i. 300 TPH feed grizzly; ii. Finlay J-1480 screen; iii. Finlay C-1550 direct feed (x2); iv. Finlay 893 HD screen; and v. Conveyor b) Infrastructure to be installed as per manufacturers specifications: and c) Water sprays to be installed at crushing points.	As shown within Figure 1, Schedule 1
2.	Associated infrastructure: <ul style="list-style-type: none"> • Diesel storage tank • Vehicle wash down bay; and • workshop 	a) Diesel storage tank to be installed within a bunded area of sufficient size to contain any leak or spill. b) Vehicle wash down bay and workshop areas to be bunded to contain all wash down water, hydrocarbon/chemical spills and any contaminated stormwater.	As shown in 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 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 and experienced 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;
 - (b) as constructed plans or photographs 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 specified in condition 6 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:
 - (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

6. During time limited operations, the works approval holder must ensure that the premises infrastructure 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 requirements

	Infrastructure	Operating requirements	Infrastructure location
1.	Crushing and screening plant consisting of: <ul style="list-style-type: none"> ▪ Finlay J-1480 screen ▪ Conveyor; ▪ Finlay C-1550 direct feed x2; ▪ Finlay 893 HD screen; ▪ 300 TPH feed grizzly; and ▪ Conveyor 	<ol style="list-style-type: none"> a) Water sprays to be operated during crushing activities; b) Dust suppression measures (i.e. water or magnesium compounds) to be used to control dust if visual dust emissions occur; c) Contaminated /potentially contaminated stormwater from within crushing and screening area, run of mine area and stockpile areas to be captured and prevented from being released into the environment. 	As shown within Figure 1, Schedule 1

		d) Volume of material processed through crushing and screening plant to be recorded.	
2.	<p>Associated infrastructure:</p> <ul style="list-style-type: none"> • Diesel storage tank • Vehicle wash down bay; and • workshop 	<p>a) Hydrocarbon spill kits to be located at fuel storage areas;</p> <p>b) Contaminated /potentially contaminated stormwater from within vehicle wash down bay and workshop areas to be captured and prevented from being released into the environment.</p>	As shown within Figure 2, Schedule 1

Time limited operations compliance reporting

7. 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.
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 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)

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 6;
 - (c) monitoring programmes undertaken in accordance with condition 6; and

(d) 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
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
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 works approval applies, as specified at the front of this works approval 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.
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).

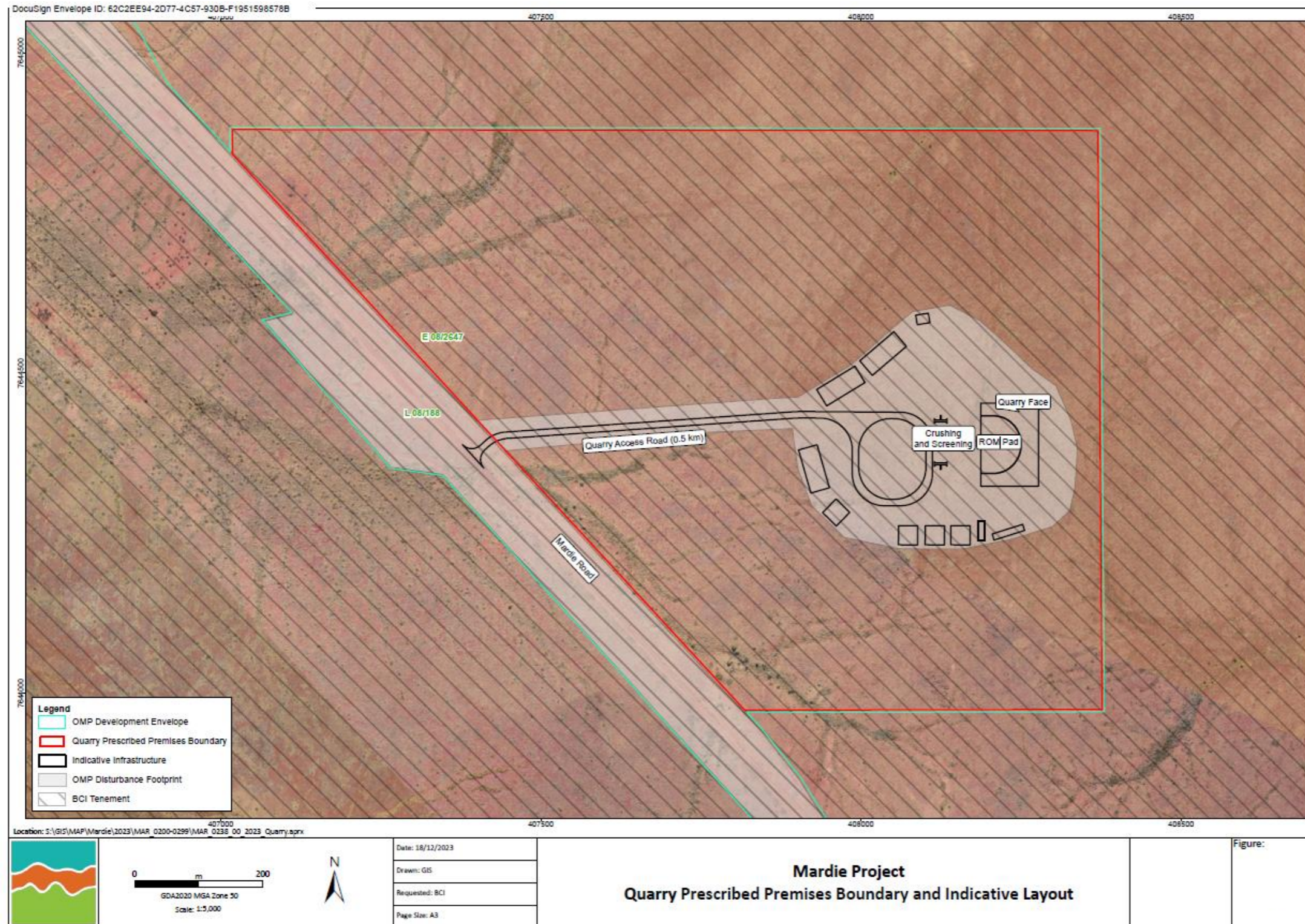


Figure 1: Premises map showing premises boundary (in red).

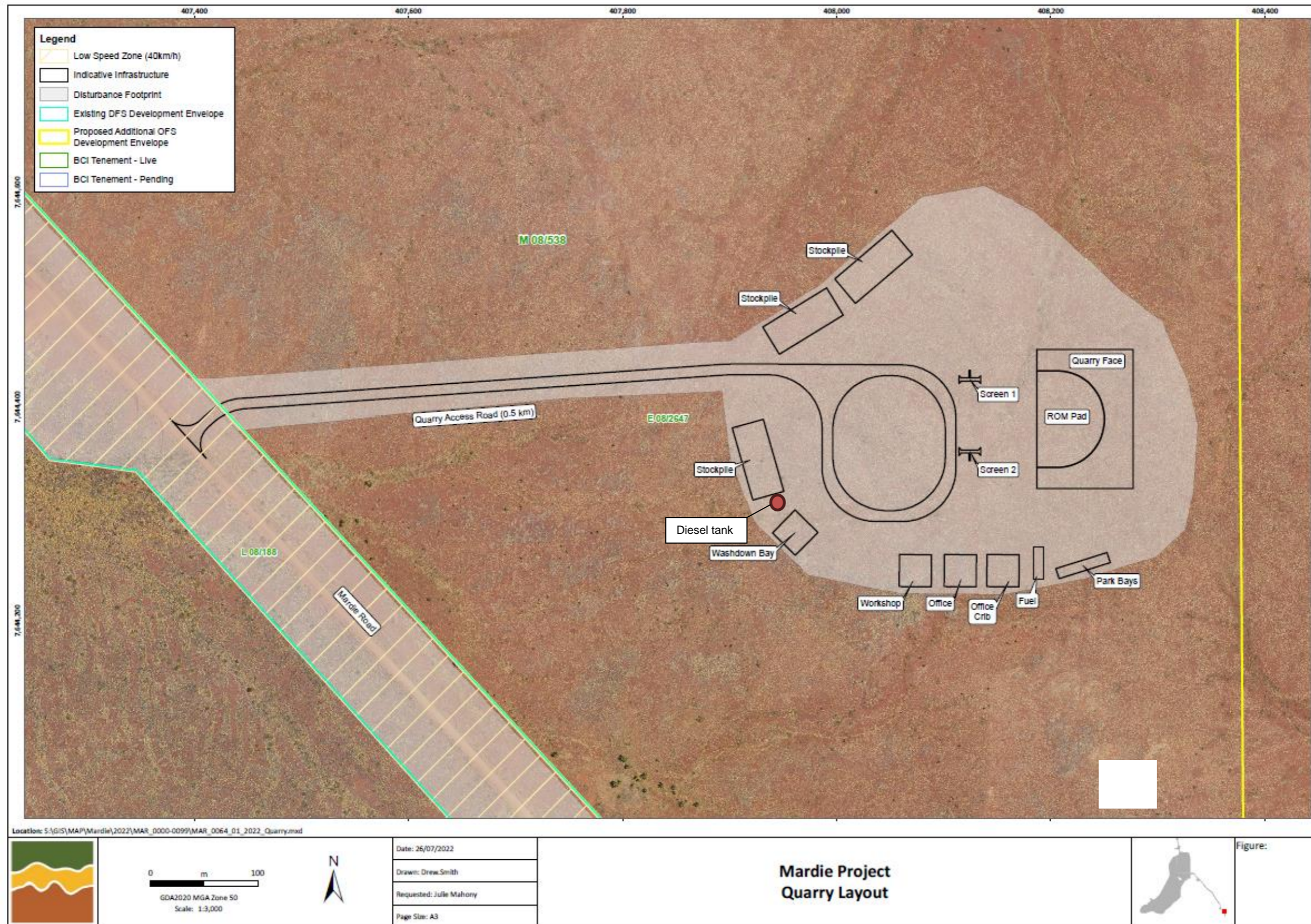


Figure 2: Premises layout