



Works approval number	W6763/2022/1
Works approval holder	Industrial Minerals Ltd
ACN	648 183 297
Registered business address	Suite 38 460 Stirling Highway PEPPERMINT GROVE WA 6011
DWER file number	DER2022/000630
Duration	03/03/2023 to 02/03/2026
Date of issue	3 March 2023
Premises details	Warradarge Silica Sand Project Legal description – Part of Mining Tenement M70/1417 and Miscellaneous leases L70/237 and L70/238 As defined by the coordinates in Schedule 2

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 12: screening etc. of material	575,000 tonnes per annual period
Assessed activities directly related to the above categories	
Bulk fuel storage	

This works approval is granted to the works approval holder, subject to the attached conditions, on 3 March 2023, by:

Lauren Edmands

MANAGER, RESOURCE INDUSTRIES

REGULATORY SERVICES

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

Works approval history

Date	Reference number	Summary of changes
03/03/2023	W6763/2022/1	Works approval granted for Category 12 for assessed production for 575,000 tonnes per annual period.

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.	Mobile screening / washing plant	a) Installed with dust suppression sprinklers and sprays to use when dry stacking.	As shown as "Plant" in Figure 1.
2.	Water truck	a) To be made available at all times for dust suppression.	Within the prescribed premises, as shown in Figure 1.
3.	Settling ponds	a) Total of 9 settling ponds; b) Ponds to be lined with material to a permeability of 1×10^{-9} m/s or less; c) Constructed to dimensions 50x33x3m (LxWxD); d) No deeper than 2 mbgl; and e) First 8 ponds to be constructed with overflow pipes to prevent overtopping.	As shown as "Settlement Ponds" in Figure 1.
4.	Stormwater drainage infrastructure	a) Bunds and drains constructed around the plant and product stockpiles; b) Plant and stockpile area to be graded so runoff is directed to sumps where it can be reclaimed.	As shown as "Sumps" in Figure 2.
5.	Fuel storage (60m ³ in congregate)	a) Located within bunded areas or on drip trays; and b) Must be self-contained and double-walled.	As shown as "Fuel Storage" in Figure 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 1, must include as a minimum the following:
 - (a) certification by a 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
 - (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 1 (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 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 requirements set out in Table 2.

Table 2: Infrastructure and equipment requirements during time limited operations

	Site infrastructure and equipment	Operational requirement	Infrastructure location
1.	Mobile screening / washing plant	a) Must be operated within "Plant" area.	As shown as "Plant" in Figure 1.
2.	Settling ponds	a) Final pond to maintain 0.3m freeboard; b) Daily inspections to confirm freeboard.	As shown as "Process Pond" in Figure 2.

	Site infrastructure and equipment	Operational requirement	Infrastructure location
3.	Water Truck	a) To be made available at all times for dust suppression.	Within the prescribed premises, as shown in Figure 1.

Records and reporting (general)

7. 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.
8. 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 7.
9. The books specified under condition 8 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 January until 31 December 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 (WA)</i> .
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i> .
mbgl	means 'metres below ground level'.
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.

Term	Definition
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).

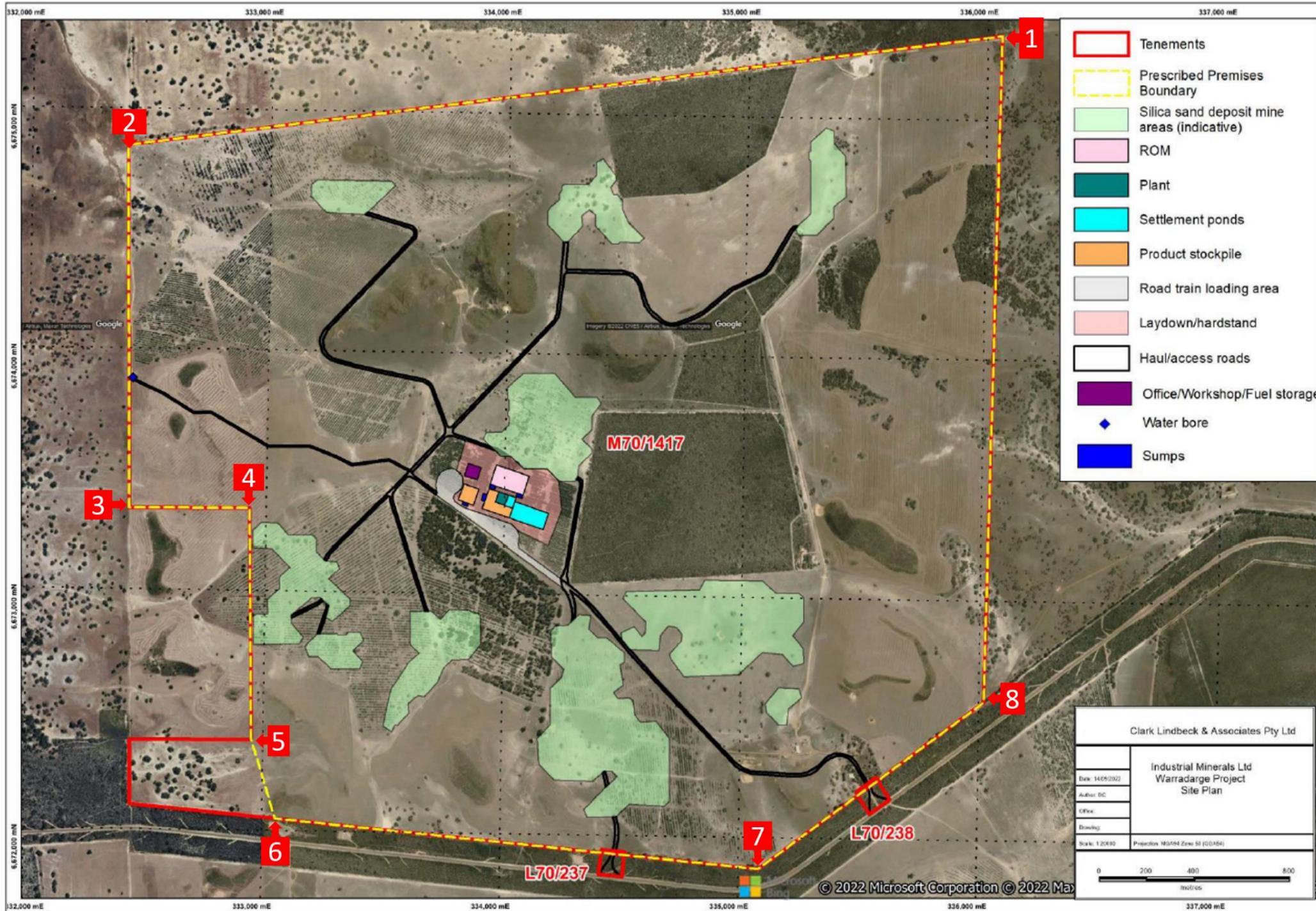


Figure 1: Map of the boundary of the prescribed premises

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

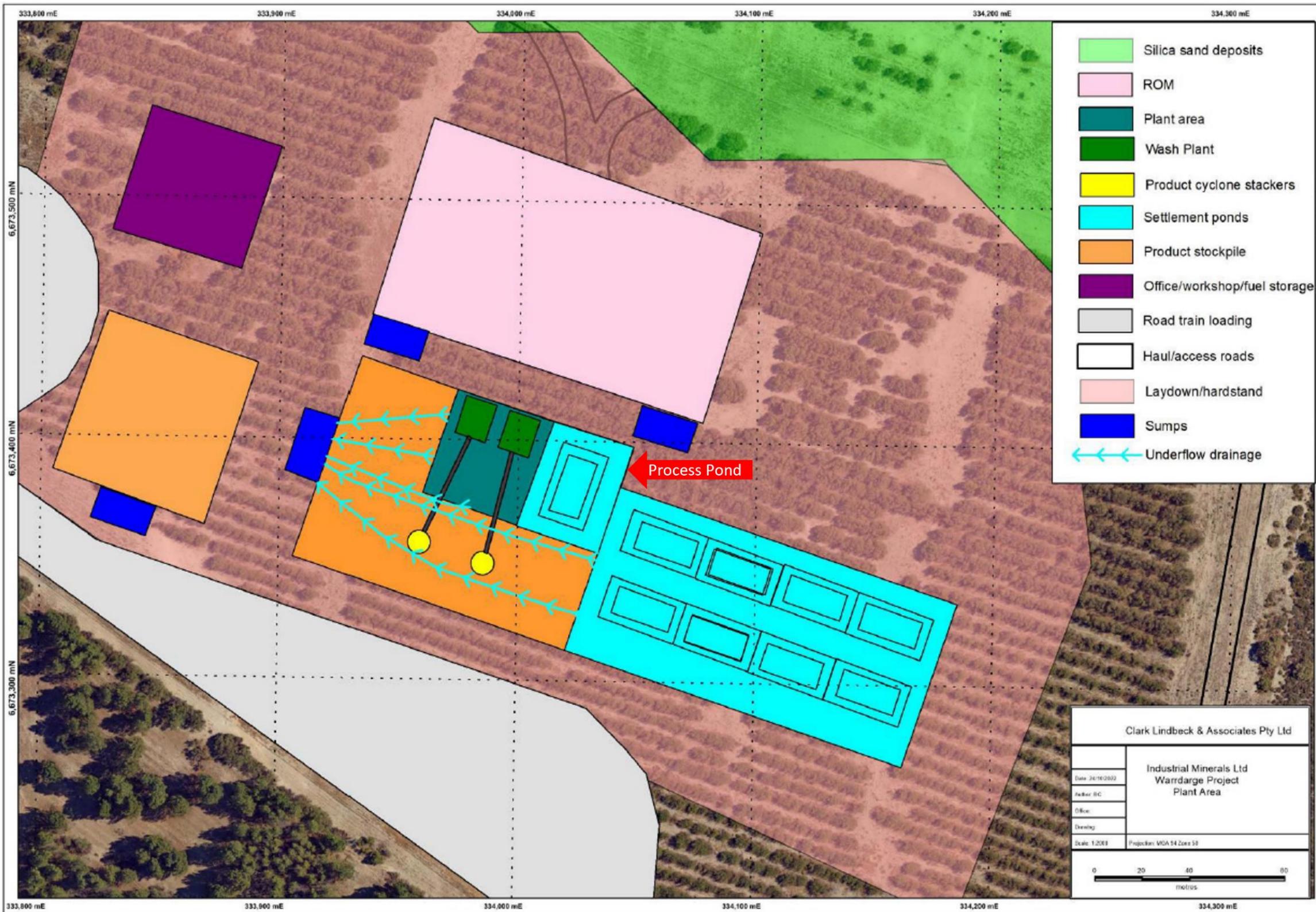


Figure 2: Plant site layout

Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 4.

Table 4: Premises boundary coordinates (GDA2020)

	Easting	Northing	Zone
1.	336060.05540	6675353.95590	50
2.	332403.10550	6674846.91330	
3.	332426.66850	6673334.69470	
4.	332932.27570	6673340.92830	
5.	332953.70330	6672378.98760	
6.	333056.65540	6672050.07380	
7.	335085.85650	6671870.00150	
8.	336022.24530	6672578.83850	