



# Works Approval

**Works approval number** W6897/2024/1

**Works approval holder** Mt Ida Gold Pty Ltd (Delta Lithium Ltd)  
**ACN** 45 106 608 986  
**Registered business address** Suite 4, 6 Centro Avenue, Subiaco, WA 6008

**DWER file number** DER2023/000715

**Duration** 28/05/2024 to 28/05/2029

**Date of issue** 28/05/2024

**Premises details** Mt Ida Lithium Project  
Mining tenements  
M29/2 and M29/165 (Shire of Menzies, WA)  
As defined in Schedule 1

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	2 million tonnes per annual period (Mtpa)
Category 89: Putrescible landfill site	25 tonnes per annual period (tpa)

This works approval is granted to the works approval holder, subject to the attached conditions, on 28 May 2024, by:

**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
28/05/2024	W6897/2024/1	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:

### General

1. The works approval holder must manage dust generation at the premises by wetting down unsealed roads, exposed areas and activities associated with movement of historic tailings, construction of the landfill and the mobilisation and construction of the crushing and screening plant. Hypersaline water used for dust suppression must not be applied near, or to adjacent native vegetation.

### Construction phase

#### Infrastructure and equipment (non-critical containment infrastructure)

2. The works approval holder must:
  - (a) construct and/or install the infrastructure/equipment;
  - (b) in accordance with the corresponding design and construction / installation requirements; and
  - (c) at the corresponding infrastructure location; and
 as set out in Table 1.

**Table 1: Design and construction / installation requirements**

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	Mobile crushing and screening plant	a) Crushing and screening plant comprised of the following infrastructure and equipment: <ol style="list-style-type: none"> <li>i. Primary jaw crusher</li> <li>ii. Screen</li> <li>iii. Secondary cone crusher</li> <li>iv. Tertiary cone crusher</li> <li>v. Product screen</li> <li>vi. Telestack conveyor</li> <li>vii. Run of Mine (ROM) pad;</li> </ol> b) Crushing and screening plant to be installed as per manufacturer's instructions;	As shown in Figure 1 of Schedule 1
		c) Crushing and screening plant to be located within the "category 5" area as shown in Figure 1 of Schedule 1;	
		d) Water sprays to be installed on crushing and screening plant for dust suppression;	
		e) Surface water diversions/bunds to be installed to divert stormwater away from operational areas; and	
		f) Hydrocarbons stored to be stored within concrete bunded areas and to accommodate at least 110% of the total volume of materials stored.	
2.	Historic tailings movement	a) Dust suppression using conventional dust suppression techniques (water sprays).	Location of historic tailings

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		b) Tailings must be covered to a depth of 300 mm and encapsulated within the waste rock landform immediately following deposition.	as shown in Figure 44 of Schedule 1.  Location of waste rock landform shown in Figure 2 of Schedule 1
3.	Turkeys nest	<p>a) For storage of saline water only up to 30,000mg/L total dissolved solids (TDS)</p> <p>b) Footprint no larger than 4.6 hectares</p> <p>c) Constructed with a PVC liner, and outer embankment constructed from mined materials. 20 mm PVC liner;</p> <p>d) Constructed to provide a minimum 0.5 meter total freeboard (including an allowance for the 1% annual exceedance probability 72 hour rain event) above the normal operating pond;</p> <p>e) Visual markers for freeboard placed;</p> <p>f) Entire perimeter of the turkey's nest fenced to restrict access; and</p> <p>g) Egress points for fauna constructed at regular intervals around the pond.</p>	As shown in Figure 3 of Schedule 1
4.	Landfill	<p>a) The base of the landfill shall be maintained at least 3 m above groundwater level;</p> <p>b) The landfill must be located at least 100 m from any permanent or perennial watercourse.</p> <p>c) Signage must be placed to show the locations of all waste burial within the waste rock landform and specifying the types of waste accepted for burial; and</p> <p>d) The landfill must not be located in any areas of potentially acid forming material within the waste rock landform.</p>	Located within the waste rock landform as shown in Figure 1 of Schedule 1

### Compliance reporting

3. The works approval holder must within 30 calendar days of all items of infrastructure or equipment required by condition 2 being constructed and/or installed:
- undertake an audit of their compliance with the requirements of condition 2; 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 2, have been constructed in accordance with the relevant requirements specified in condition 2;
  - as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 2; 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 infrastructure identified in condition 2 once the report required by condition 3 has been submitted to the CEO by the works approval holder.
6. The works approval holder may conduct time limited operations:
- For a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 5 for all items of infrastructure: or
  - Until such time as a prescribed premises licence for that item of infrastructure is granted in accordance with Part V of the *Environmental Protection Act 1986*, and only where this occurs prior to the time period specified in condition 6(a).

### Time limited operations requirements

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: Operational requirements during time limited operations**

	Infrastructure and equipment	Operational requirement	Infrastructure location
1.	Mobile crushing and screening plant	<ol style="list-style-type: none"> <li>Operated and maintained as per the manufacturer's requirements;</li> <li>All crushing/screening plant water sprays are operational and in use during crushing and screening activities;</li> <li>Water carts to be available at all times during operations and used when required to mitigate dust emissions (for crushing/screening plant and other dust generating machinery);</li> <li>Sediment laden or potentially contaminated stormwater to be captured to prevent release into the environment. Sediments captured to be disposed of at an appropriately licensed landfill facility;</li> </ol>	As shown in Figure 1 of Schedule 1

	Infrastructure and equipment	Operational requirement	Infrastructure location
		<ul style="list-style-type: none"> <li>e) All product, waste stockpiles; and all unsealed access roads are wetted down during operations; and</li> <li>f) Hydrocarbons to be stored within concrete bunded areas and to contain at least 110% of the total volume of materials stored.</li> </ul>	
2.	Turkey's nest	<ul style="list-style-type: none"> <li>a) Operated and maintained as per construction requirements including repairs to PVC liner to manage / prevent leaks; and</li> <li>b) Minimum freeboard 0.5 m maintained</li> </ul>	As shown in figure 3 of Schedule 1
3.	Landfill	<ul style="list-style-type: none"> <li>a) Waste must be placed in trenches and covered on a weekly basis;</li> <li>b) The type and volume of waste disposed of to the landfill facility must be recorded;</li> <li>c) Landfill facility to be inspected monthly for damage and cleared of waste;</li> <li>d) Signage must be placed to show the locations of all waste burial within the waste rock landform and specify the types of waste accepted for burial;</li> <li>e) Waste shall not be buried in any areas of potentially acid forming material within the waste rock landform;</li> <li>f) The base of the landfill shall be maintained at least 3 m above groundwater level;</li> <li>g) Ongoing landfill activities must be located at least 100 m from any permanent or perennial watercourse;</li> <li>h) Authorised waste for acceptance: <ul style="list-style-type: none"> <li>i. Clean fill</li> <li>ii. Inert type 1 waste</li> <li>iii. Inert type 2 waste</li> <li>iv. Putrescible waste</li> <li>v. Other wastes that comply with the class II criteria as defined in the Landfill definitions.</li> </ul> </li> </ul>	As shown in Figure 1 of Schedule 1
4.	Historic tailings movement	<ul style="list-style-type: none"> <li>a) Dust suppression using conventional dust suppression techniques (water sprays).</li> <li>b) Tailings must be covered to a depth of 300 mm and encapsulated within the waste rock landform immediately following deposition.</li> </ul>	<p>Location of historic tailings as shown in Figure 44 of Schedule 1.</p> <p>Location of waste rock landform shown in Figure 2 of Schedule 1</p>

## Compliance reporting – Time limited Operations

8. 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.
9. The works approval holder must ensure the report required by condition 8 includes the following:
  - (a) a summary of the time limited operations, including timeframes and amount of material processed; and
  - (b) 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)

10. 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.
11. 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 2 and 7;
  - (b) any maintenance of infrastructure that is performed in the course of complying with condition 7;
  - (c) complaints received under condition 10.
12. The books specified under condition 11 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 <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
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> .
Landfill definitions	Landfill waste classification and waste definitions 1996 (as amended 2019)
m	Metres
Mtpa	Million tonnes per annual period
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.
PVC	Polyvinyl chloride



Term	Definition
suitably qualified engineer	means a person who: (a) holds an engineering degree; and (b) has a minimum of three years of experience relevant to the prescribed activities of this works approval.
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.
tpa	Tonnes per annual period
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.

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**END OF CONDITIONS**

## Schedule 1: Maps

### Premises map

The boundary of the prescribed premises is shown in the map below.

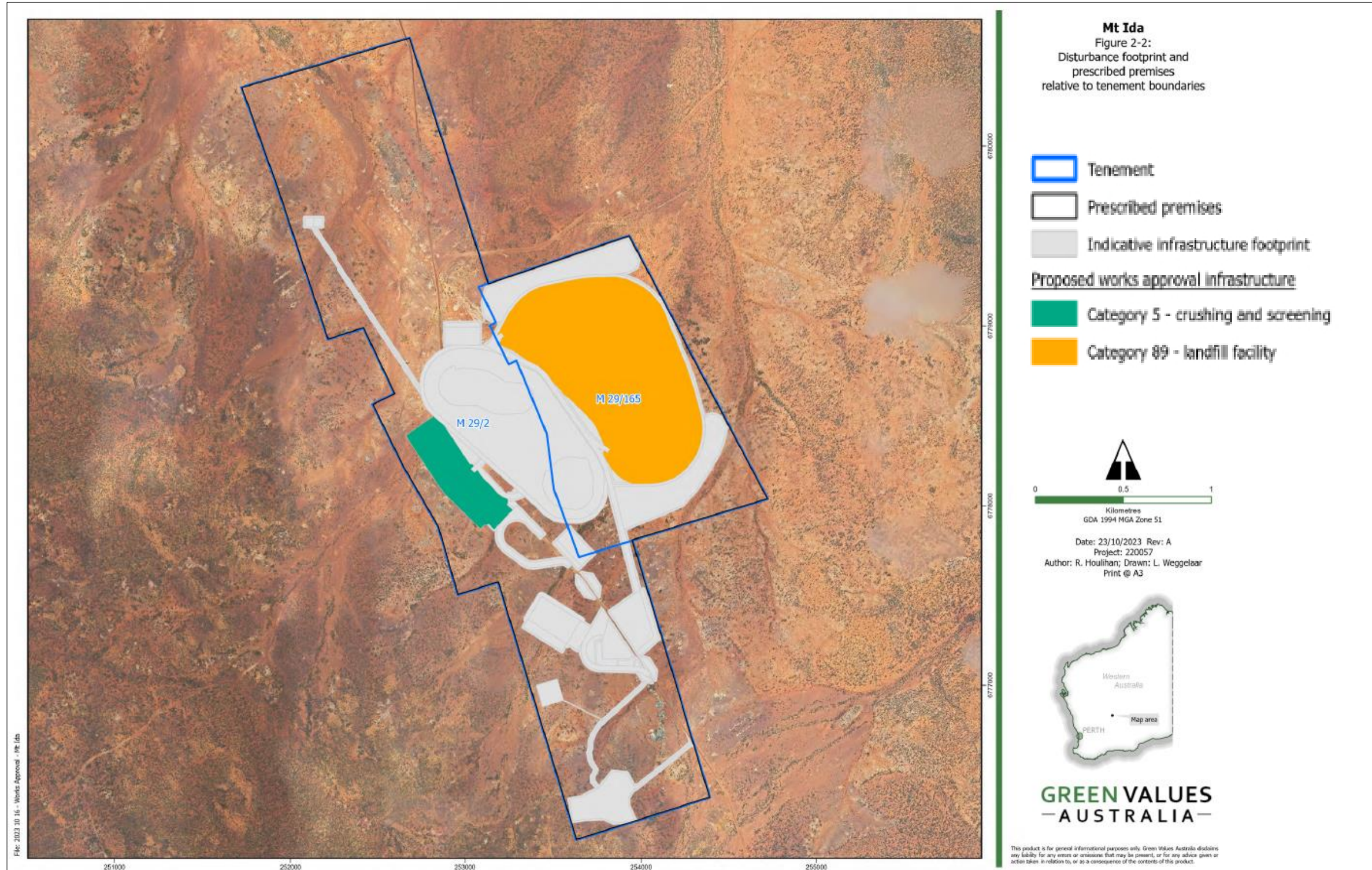


Figure 1 Prescribed Premises boundary and location of prescribed infrastructure

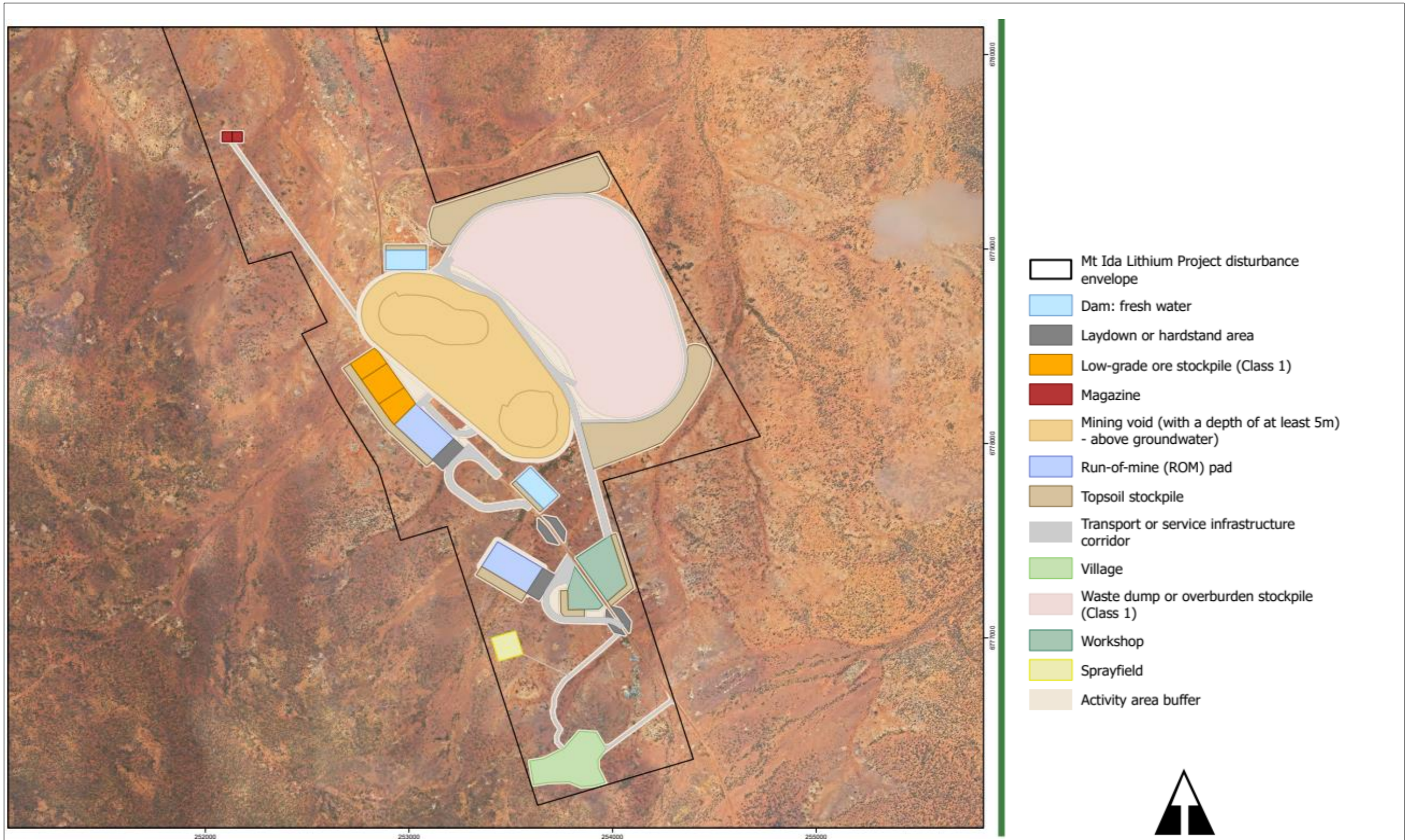


Figure 2: Project indicative disturbance footprint and development envelope



Figure 3: Prescribed activities and location of turkey's nest



Figure 4 Location of historic tailings within premises boundary