



Works Approval

Works approval number	W6892/2024/1
Works approval holder	Musgrave Minerals Limited
ACN	143 890 671
Registered business address	Level 1, 130 Royal Street East Perth WA 6004
DWER file number	DWERVT13704
Duration	12/09/2024 to 11/09/2027
Date of issue	12/09/2024
Premises details	Cue Gold Project Legal description - Part Miscellaneous Licence L58/42, Part Mining Leases M21/106, M58/224, M58/366, M58/367 As defined by the coordinates and map in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 6 – Mine dewatering: premises on which water is extracted and discharged into the environment to allow mining of ore	800,000 tonnes per annual period
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.	5000 tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 12 September 2024, by:

Manager, Resource Industries

INDUSTRY REGULATION (STATE-WIDE DELIVERY)

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

Works approval history

Date	Reference number	Summary of changes
12/09/2024	W6892/2024/1	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:

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.	Turkey's Nest	a) Must be lined with a 2 mm thick HDPE liner; b) To be constructed as specified in Figure 3 of Schedule 1.	Labelled as 'storage dam' as indicated in Figure 2 of Schedule 1.
	Dewatering pipelines	a) Pipelines to be constructed with: <ol style="list-style-type: none"> (i) telemetry systems and pressure sensors along pipelines to allow the detection of leaks and failures; or (ii) automatic cut-outs in the event of a pipe failure; and (iii) secondary containment sufficient to contain any spill for a period equal to the time between daily inspections. b) Dust suppression applied across active work areas using water carts when visible dust is observed travelling beyond the active work area.	As indicated in Figure 2 of Schedule 1.
2.	East WRL Landfill	a) Landfill trench to have a maximum open excavation of approximately 50m in length, 5 m in depth of 5 m in width. b) Landfill to be fenced to minimize windblown waste. c) Windrows/ bunding constructed to divert clean stormwater around the landfill	As shown in Figure 2, Schedule 1.
3.	West WRL landfill	a) Landfill trench to have a maximum open excavation of approximately 50m	As shown in Figure 2,

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		in length, 5 m in depth of 5 m in width. b) Landfill to be fenced to minimize windblown waste. c) Windrows/ bunding constructed to divert clean stormwater around the landfill	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 civil 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

4. The works approval holder may only commence time limited operations for an item of infrastructure identified 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 (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 condition 5(a).

Time limited operations requirements

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 operation

	Site infrastructure and equipment	Operational requirement	Infrastructure location
1	Turkey's Nest	a) Maintain an operational freeboard of >300 mm from the top of embankment crest at all times. b) Visual inspection daily to check freeboard capacity.	As indicated in Figure 2 of Schedule 1.
2.	Dewatering pipelines	a) Pipelines containing dewatering water are required to be maintained with either: <ul style="list-style-type: none"> (i) telemetry systems and pressure sensors along pipelines to allow the detection of leaks and failures; or (ii) automatic cut-outs in the event of a pipe failure; and (iii) secondary containment sufficient to contain any spill for a period equal to the time between daily inspections. b) Visual inspections daily when in operation to check the integrity of the pipelines, bunding and catch pits (sumps). c) Weekly inspections to check the integrity of flow meters, leak detection telemetry, pressure sensors system and automatic shut-off system when pipelines in operation.	As indicated in Figure 2 of Schedule 1.
3. 4.	East WRI landfill and West WRL Landfill	a) Active tipping area to be maintained to less than 30m in length b) Waste to be covered on a weekly basis with a dense inert material. c) Windblown waste to be collected and returned to the tipping face at least monthly. d) Volume of waste deposited within the landfill to be recorded. e) Windrows/ bunding constructed to divert clean stormwater around the landfill to be maintained. f) Waste tyres may be disposed of within an active WRL (East, West, Leviticus West or Leviticus South WRL) only and at 5m or more from the landform outer surface. g) Tyres to be disposed of in batches of 20 with a minimum of 1m separation between tyres and a 10 m horizontal and 5m vertical buffer zone between batches. h) Number of tyres disposed of and their	As shown in Figure 2, Schedule 1.

		location to be recorded.	
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- During time limited operations, the works approval holder must ensure that the emission(s) specified in Table 3, are discharged only from the corresponding discharge point(s) and only at the corresponding discharge point location(s).

Table 3: Authorised discharge points

Emission	Discharge point	Discharge point location
Dewater from open pits	Via water cart for site wide dust suppression	N/A – applied to avoid damage to native vegetation (such as from over spraying or runoff).
Dewater from open pits	Leviticus Pit	As indicated in Figure 2 of Schedule 1

Monitoring during time limited operations

- The works approval holder must monitor emissions during time limited operations in accordance with Table 4.

Table 4: Emissions and discharge monitoring during time limited operations

Monitoring location	Parameter	Frequency	Unit	Averaging Period
Leviticus Pit	Cumulative volume of water discharged	Monthly ² (when discharging)	kL	Continuous
	Standing water level within pit		Meters below crest level	Spot Sample
	pH ¹		-	
	Electrical conductivity (EC) ¹		µS/cm	

Note 1: In-field non-NATA accredited analysis permitted.
 Note 2: Monthly monitoring undertaken at least 15 days apart

- The works approval holder must record the results of all monitoring activity required by condition 8.
- The works approval holder must maintain a freeboard of >5 meters below crest level within the Leviticus Pit.

Compliance reporting

- 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.
- The works approval holder must ensure the report required by condition 11 includes the following:
 - a summary of the time limited operations, including timeframes and the amount of water discharged into Leviticus Pit;

- (b) a summary of discharge monitoring results obtained during time limited operations under conditions 8 and 10;
- (c) a review of performance and compliance against the conditions of the works approval; and
- (d) 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)

- 13.** 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.

Records and reporting (general)

- 14.** 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 conditions 8 and 10; and
 - (d) complaints received under condition 13.
- 15.** The books specified under condition 14 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 5 have the meanings defined.

Table 5: Definitions

Term	Definition
annual period	a 12 month period commencing from 30 June until 1 July 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> .
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.
WRL	Waste rock landform

END OF CONDITIONS

Schedule 1: Maps

Premises map

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

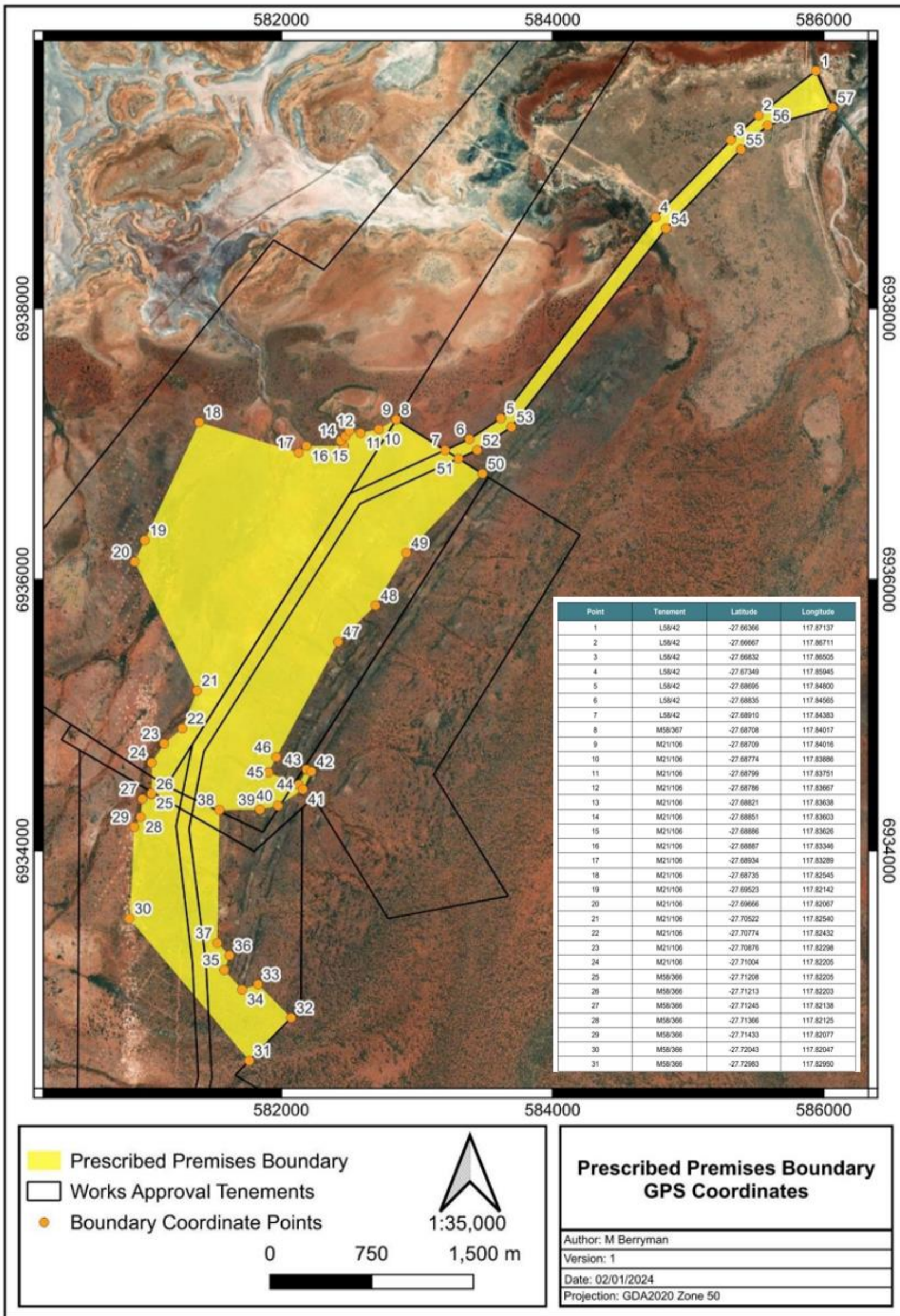


Figure 1: Map of the boundary of the prescribed premises

W6892/2024/1(12/09/2024)

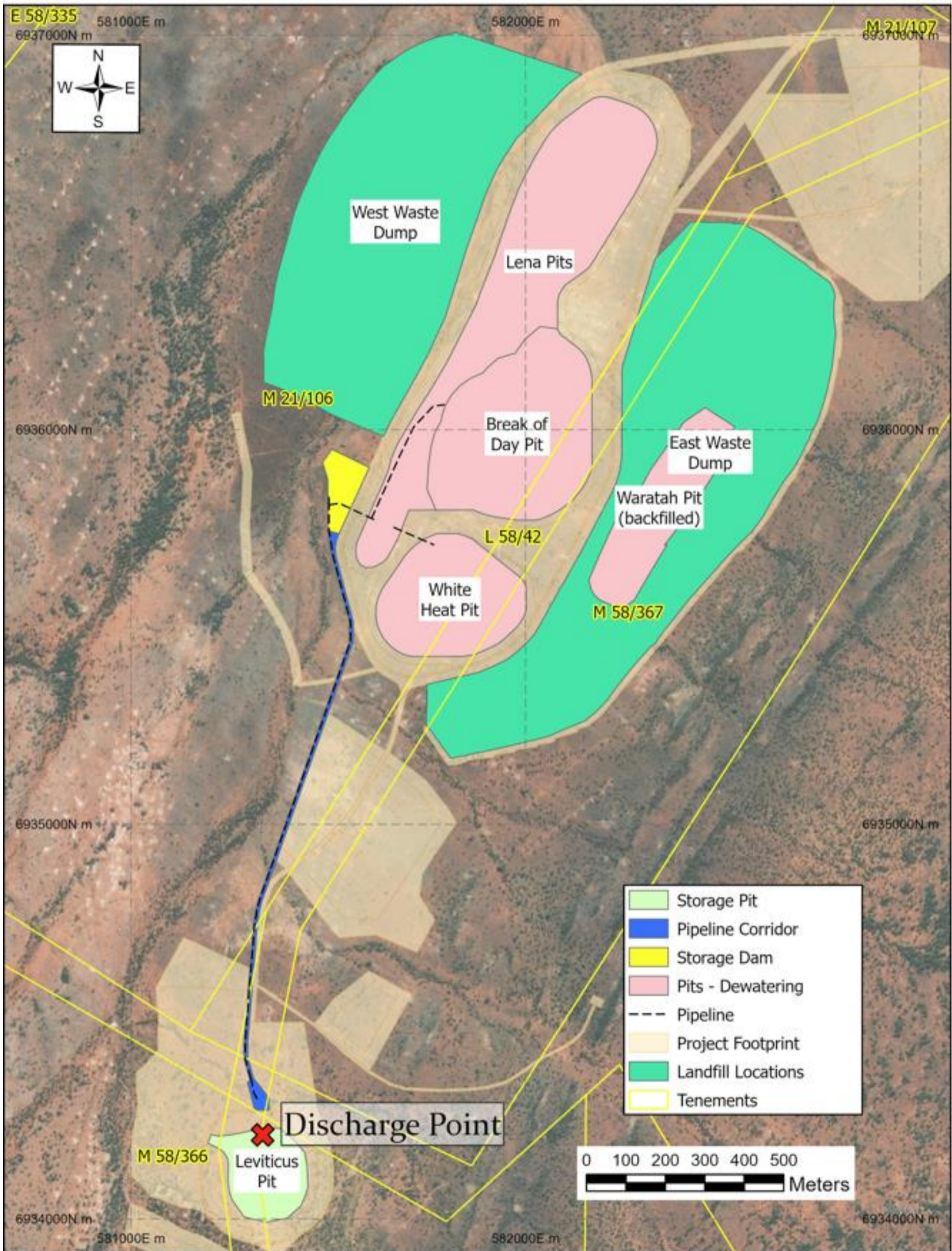


Figure 2: Cue Gold Project Site Layout.

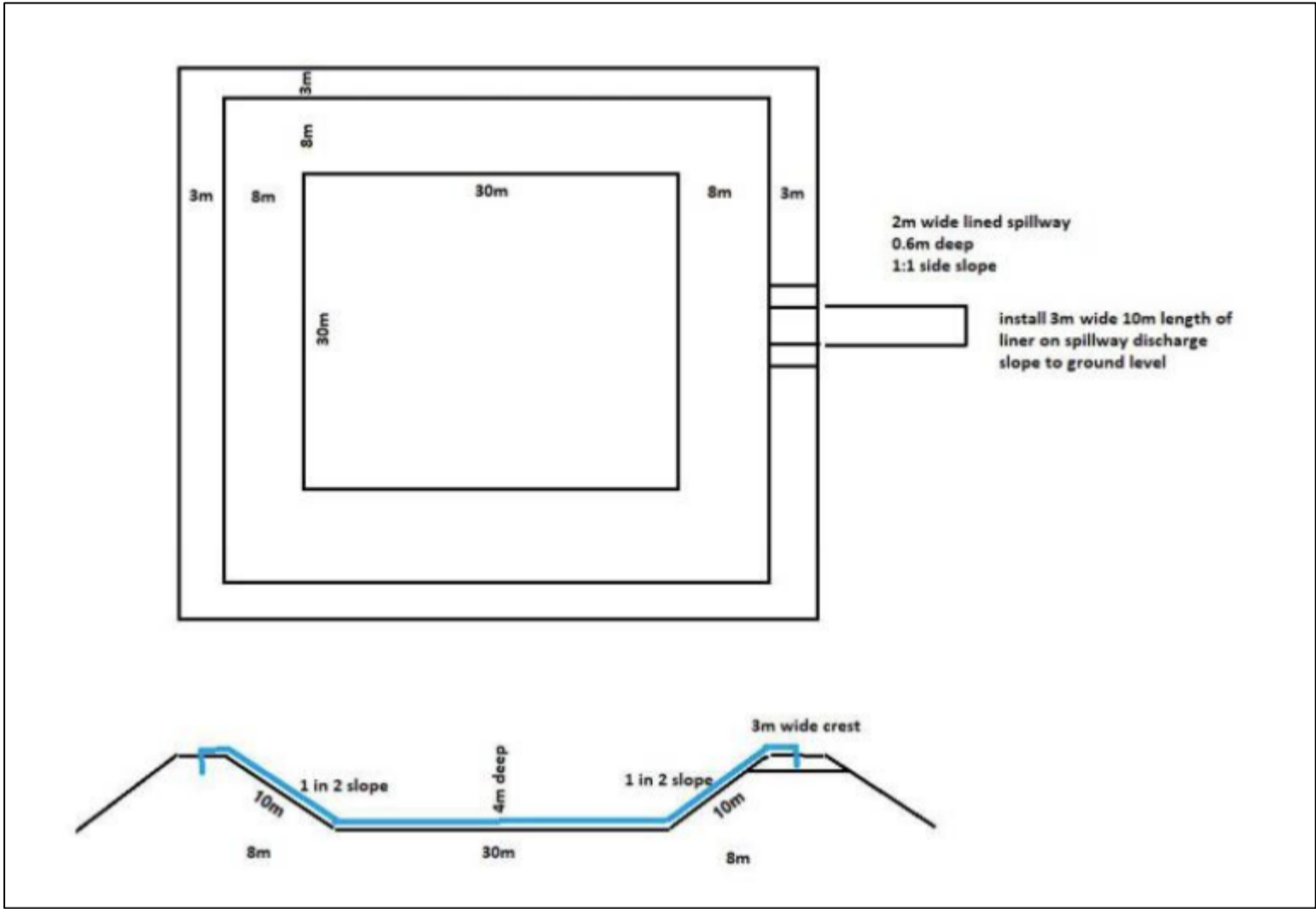


Figure 3: Cue Gold Project Turkey's nest.