



Works Approval

Works approval number W3064/2025/1

Works approval holder Northern Star (Bundarra) Pty Ltd
ACN 151 605 417
Registered business address Level 4, 500 Hay Street
SUBIACO WA 6008

DWER Internal number INS-0003064

Duration 14/11/2025 to 13/11/2030

Date of issue 14/11/2025

Premises details Bundarra Gold Mine
Legal description -
Part of mining tenements M37/350 and M37/513
LEINSTER WA 6437
As defined by the premises map in Schedule 1 and
the coordinates in Schedule 2

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 5: Processing or beneficiation of metallic or non-metallic ore	998,000 tonnes per year
Category 6: Mine dewatering	840,000 tonnes per year
Category 12: Screening etc. of material:	150,000 tonnes per year
Category 89: Putrescible landfill site:	240 tonnes per year

This works approval is granted to the works approval holder, subject to the attached conditions, on 14 November 2025, by:

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

Works approval history

Date	Reference number	Summary of changes
14/11/2025	W3064/2025/1	Works approval granted (APP-0029419).

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;
 - (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.	Dewatering pipelines and associated infrastructure	(a) Pipeline of nominal 110-160 mm diameter high density polyethylene (HDPE) and pumps to be installed between Wonder West Pit and Celtic Pit (b) Pipeline to be constructed within v-drains of sufficient capacity to contain any spill for a period equal to the time between routine inspections. (c) Shutdown valves to be installed at appropriate intervals to allow for isolation of sections of pipeline in response to leaks or spills. (d) Flowmeters to be installed (e) Scout pits to be installed where required (at low points) to provide additional capacity for the capture of spills.	As depicted in Figure 2, in Schedule 1
2.	Paste plant and tailings stockpile area	(a) Paste plant to be of a prefabricated modular design or mobile plant configuration consisting of: - Hopper; - Conveyor with discharge chute directly into mixer; - Single shaft continuous mixer; - Up to 240 tonne cement silo fitted with dust filter and overfill protection; - Up to 25,000 litre water storage tank; - bore hole located over concrete sump driven by a centrifugal pump or gravity feed bypass; and - control system. (b) Paste plant to be installed on concrete hard	As depicted in Figure 3, in Schedule 1

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		stand. (c) Tailings stockpile area to be located adjacent to the paste plant. (d) Tailings stockpile area to be surrounded by earthen bunds on the external perimeters (excluding road train egress points) and graded internally to contain all surface water runoff. (e) Tailings stockpile area to have a liner of compacted clay or compacted tailings over crushed aggregate.	
3.	Wonder WRL Landfill	(a) Landfill cells to be constructed within the Wonder Waste Rock Landform. (b) Landfill cells to be approximately 3 meters deep, 3 meters wide and up to 20 meters in length.	As depicted in Figure 3, in Schedule 1
4.	Mobile crushing and screening plant	(a) Mobile crushing and screening plant to consist of: - Hopper - Jaw crusher - Cone crusher - Vibrating screen; and - Conveyors	As depicted in Figure 3, in Schedule 1

Compliance reporting

2. The works approval holder must within 30 calendar days of an item of infrastructure 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 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 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 (as applicable) 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 operations

	Site infrastructure and equipment	Operational requirement	Infrastructure location
1.	Dewatering pipelines and associated infrastructure	(a) Pipelines to be inspected daily to check pipeline integrity and signs of spills / leaks. (b) Inspections to be recorded.	As depicted in Figure 2, in Schedule 1
2.	Paste plant and tailings stockpile area	(a) Height of tailings stockpiles to be no more than 5 meters in windrows. (b) Dust suppression from water carts to be used on reclaimed stockpiled tailings to minimise dust emissions. (c) Contaminated stormwater or potentially contaminated stormwater runoff from within the paste plant and tailings stockpile area to be captured and prevented from being released into the environment.	As depicted in Figure 3, in Schedule 1
3.	Wonder WRL Landfill	(a) Disposal of waste shall only take place within the landfill area shown in Figure 3, Schedule 1. (b) The following waste types may be disposed of within the landfill; - Inert waste type 1 - Inert waste type 2	As depicted in Figure 3, in Schedule 1

	Site infrastructure and equipment	Operational requirement	Infrastructure location
		- Putrescible waste - Contaminated solid waste meeting acceptance criteria for Class II landfills (c) Waste is to be placed within a defined trench approximately 3 meters deep, 3 meters wide and 20 meters in length. (d) Stormwater runoff is to be diverted away from landfill cells. (e) No more than 240 tonnes of waste is to be disposed of by landfilling per annum (f) Waste within cells is to be covered on at least a monthly basis with at least 300mm of inert and incombustible material. (g) All reasonable and practical measures must be taken to ensure that no windblown waste escapes from the landfill area and that windblown waste is collected at least monthly and returned to the active tipping area.	
4.	Mobile crushing and screening plant	(a) Dust suppression from water carts to be used on stockpiles and crushing/transfer points to minimise dust emissions. (b) Contaminated stormwater or potentially contaminated stormwater runoff from within the mobile crushing and screening plant area to be captured and prevented from being released into the environment.	As depicted in Figure 3, in Schedule 1

7. 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
1.	Mine dewater from Wonder North Pit.	Wonder West Pit	As depicted in Figure 2, Schedule 1.
2.		Celtic Pit	

8. During time limited operations, the works approval holder must ensure that a minimum freeboard of five meters below crest level is maintained at all times within Wonder West Pit and Celtic Pit.

Monitoring during time limited operations

9. 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

Discharge points	Parameter	Unit	Frequency	Averaging Period	Method
Wonder West Pit & Celtic Pit	Volume of water discharged	kL	Monthly ¹	Continuous	In accordance with AS/NZS 5667.1
	Standing water level	m AHD Meters below crest level		Spot sample	
	Electrical conductivity (EC) ²	µS/cm			
	pH ²	pH units			
	Total dissolved solids (TDS) ²	mg/L			

Note 1: Monthly monitoring undertaken at least 15 days apart.

Note 2: In-field non-NATA accredited analysis permitted.

10. The works approval holder must record the results of all monitoring activity required by condition 9.

Compliance reporting

11. 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.
12. The works approval holder must ensure the report required by condition 11 includes the following:
- a summary of the time limited operations, including timeframes, amount of waste landfilled and the amount of dewatering water discharged to the authorised discharge points;
 - a summary of monitoring results obtained during time limited operations under condition 9.
 - a review of performance and compliance against the conditions of the works approval; and
 - 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.
- 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 condition 6, 7 and 9.
 - (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 have the meanings defined.

Table 5: Definitions

Term	Definition
annual period	a 12 month period commencing from 1 July until 30 June of the immediately following year.
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 <i>Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples</i> ;
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
Contaminated solid waste meeting acceptance criteria for Class II landfills	as defined in the Landfill Definitions.
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).
Inert waste Type 1 and 2	as defined in the Landfill Definitions.
Landfill Definitions	Landfill Waste Classification and Waste Definitions 1996, as amended from time to time.
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.

Term	Definition
Putrescible waste	as defined in the Landfill Definitions.
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).

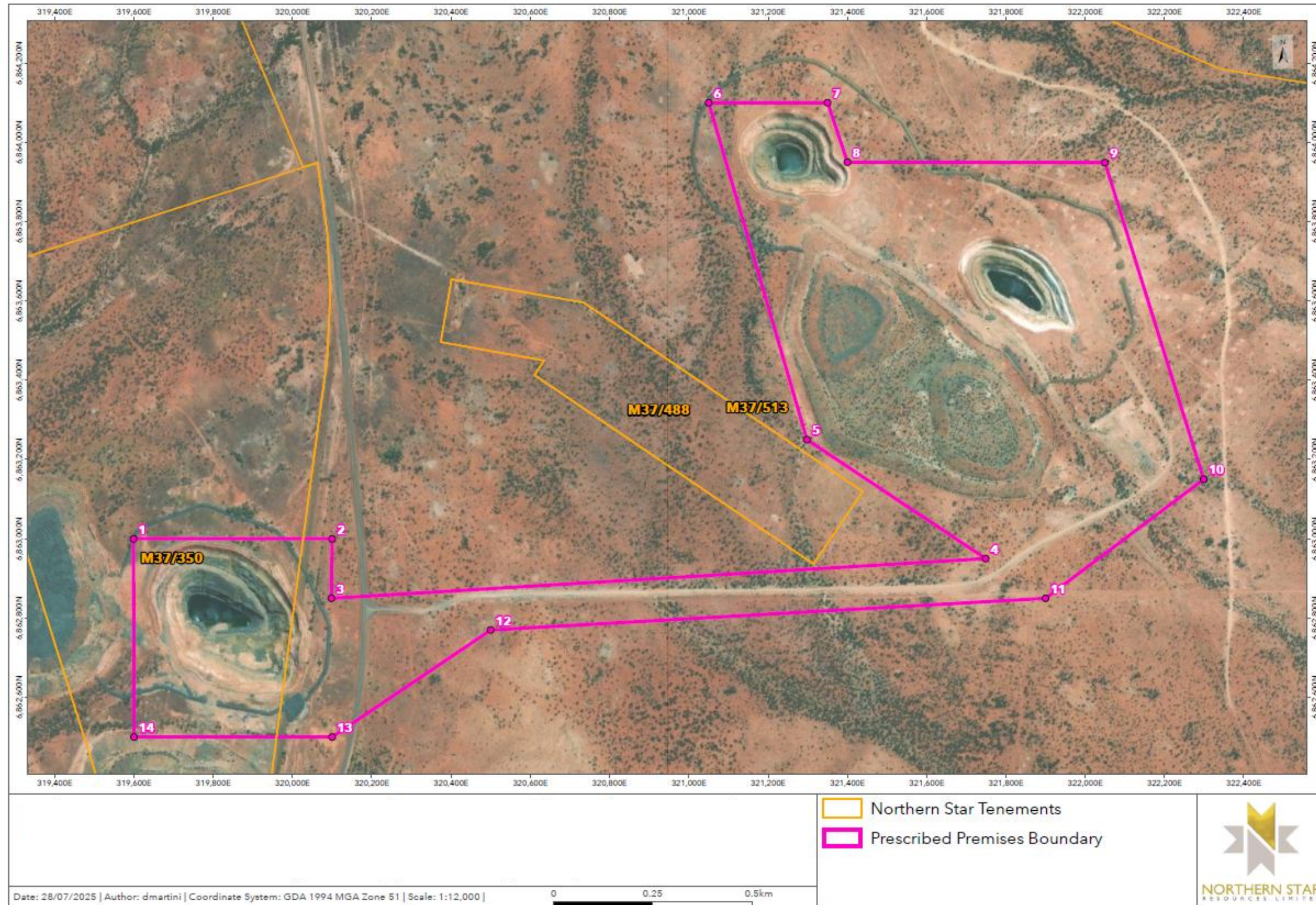


Figure 1: Map of the boundary of the prescribed premises

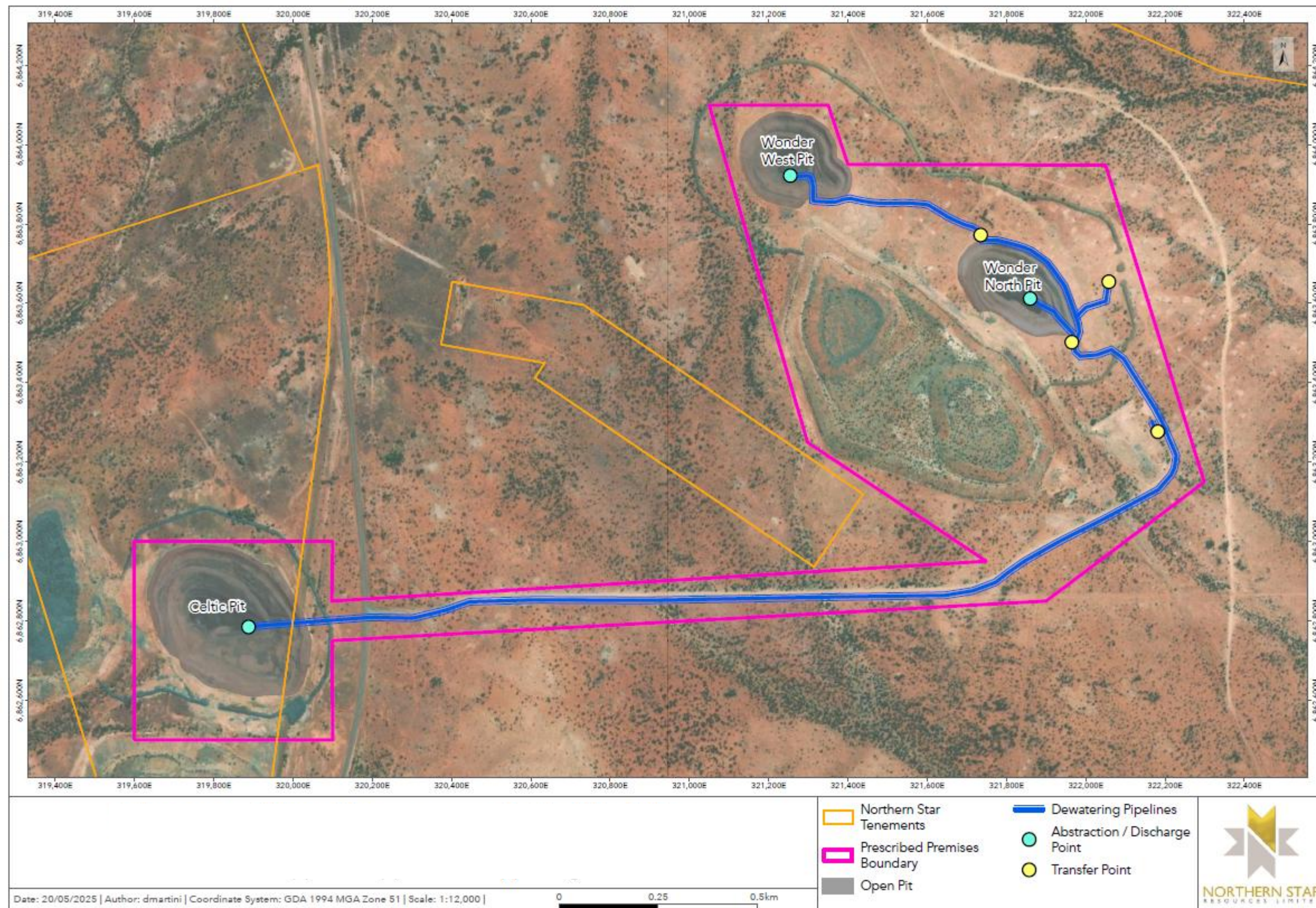


Figure 2: Location of dewatering discharge points and pipelines

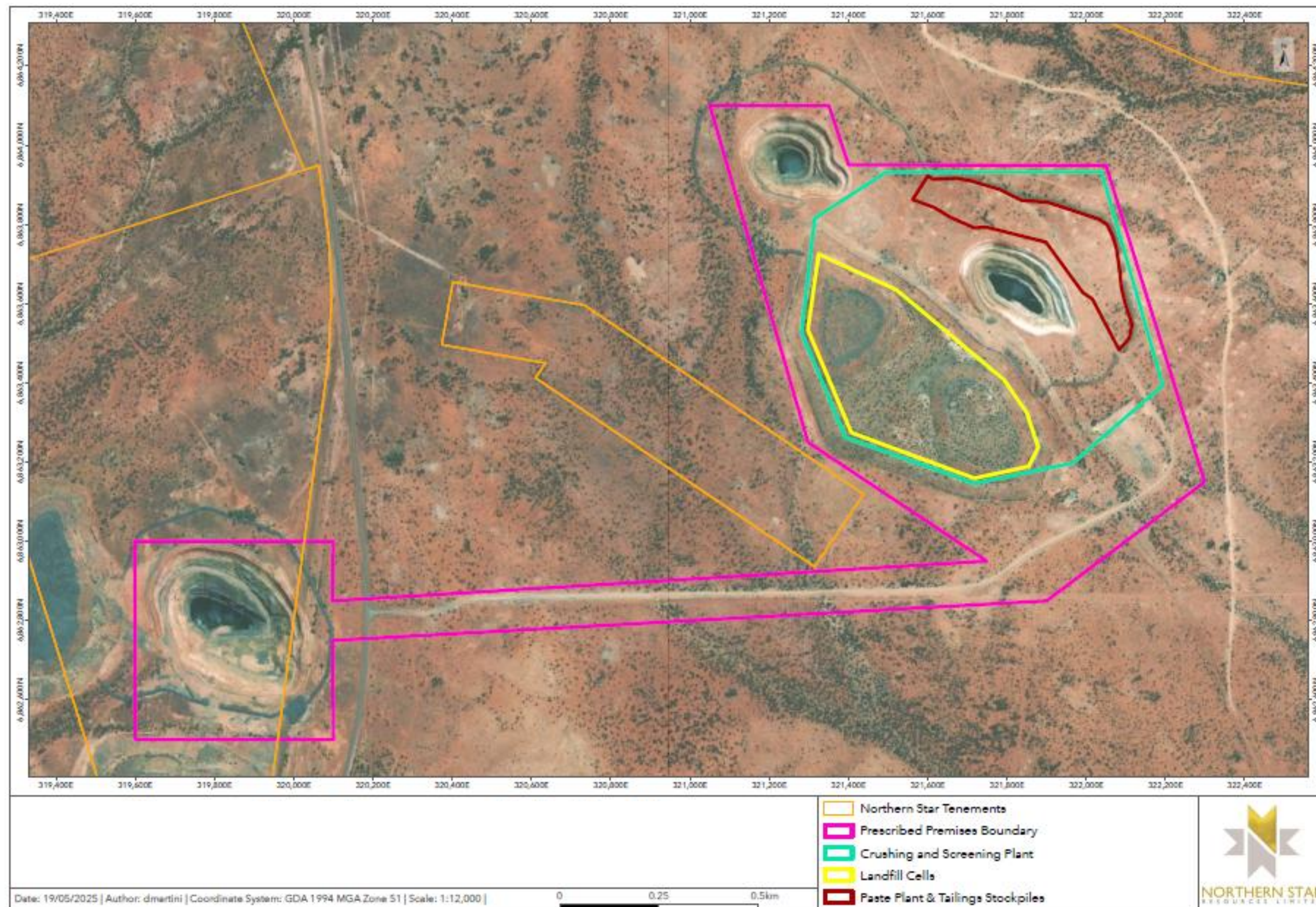


Figure 3: Location of the landfill, paste plant and tailing stockpiles and the crushing and screening plant area.

Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 1.

Table 1: Premises boundary coordinates (GDA 2020 MGA Zone 51)

	Easting	Northing
1.	319600	6863000
2.	320100	6863000
3.	320100	6862850
4.	321750	6862950
5.	321300	6863250
6.	321050	6864100
7.	321350	6864100
8.	321400	6863950
9.	322050	6863950
10.	322300	6863150
11.	321900	6862850
12.	320500	6862770
13.	320100	6862500
14.	319600	6862500