



Licence Number	L9099/2017/1
Licence Holder	Evolution Mining Limited
ACN	084 669 036
Registered business address	Level 24, 175 Liverpool Street SYDNEY NSW 2000
File Number	DER2017/001616
Duration	20/12/2017 to 19/12/2037
Date of issue	20/12/2017
Date of amendment	4 October 2021
Prescribed Premises	Category 6 Category 89
Premises	Carbine/Paradigm Project Area M16/548 Mount Burges Shire of Coolgardie

This Licence is granted to the Licence Holder, subject to the following conditions, on 4 October 2021, by:

Lauren Edmands
Digitally signed by
Lauren Edmands
Date: 2021.10.04
15:28:11 +08'00'
Lauren Edmands
Manager, Resource Industries
REGULATORY SERVICES

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

Explanatory notes

These explanatory notes do not form part of this Licence.

Defined terms

Definition of terms used in this Licence can be found at the start of this Licence. Terms which are defined have the first letter of each word capitalised throughout this Licence.

Department of Water and Environmental Regulation

The Department of Water and Environmental Regulation (DWER) is established under section 35 of the *Public Sector Management Act 1994* and designated as responsible for the administration of Part V, Division 3 of the *Environmental Protection Act 1986* (WA) (EP Act). The Department also monitors and audits compliance with licences, takes enforcement action and develops and implements licensing and industry regulation policy.

Licence

Section 56 of the EP Act provides that an occupier of Prescribed Premises commits an offence if Emissions are caused or increased, or permitted to be caused or increased, or Waste, noise, odour or electromagnetic radiation is altered, or permitted to be altered, from Prescribed Premises, except in accordance with a works approval or licence.

Categories of Prescribed Premises are defined in Schedule 1 of the *Environment Protection Regulations 1987* (WA) (EP Regulations).

This Licence does not authorise any activity which may be a breach of the requirements of another statutory authority including, but not limited to the following:

- conditions imposed by the Minister for Environment under Part IV of the EP Act;
- conditions imposed by DWER for the clearing of native vegetation under Part V, Division 2 of the EP Act;
- any requirements under the *Waste Avoidance and Resource Recovery Act 2007*;
- any requirements under the *Environmental Protection (Controlled Waste) Regulations 2004*; and
- any other requirements specified through State legislation.

It is the responsibility of the Licence Holder to ensure that any action or activity referred to in this Licence is permitted by, and is carried out in compliance with, other statutory requirements.

The Licence Holder must comply with the Licence. Contravening a Licence Condition is an offence under s.58 of the EP Act.

Responsibilities of a Licence Holder

Separate to the requirements of this Licence, general obligations of Licence Holders are set out in the EP Act and the regulations made under the EP Act. For example, the Licence Holder must comply with the following provisions of the EP Act:

- the duties of an occupier under section 61; and
- restrictions on making certain changes to Prescribed Premises unless the changes are in accordance with a works approval, Licence, closure notice or environmental protection notice (s.53).

Strict penalties apply for offences under the EP Act.

Reporting of incidents

The Licence Holder has a duty to report to DWER all discharges of waste that have caused or are likely to cause Pollution, Material Environmental Harm or Serious Environmental Harm, in accordance with s.72 of the EP Act.

Offences and defences

The EP Act and its regulations set out a number of offences, including:

- Offence of emitting an Unreasonable Emission from any Premises under s.49.
- Offence of causing Pollution under s.49.
- Offence of dumping Waste under s.49A.
- Offence of discharging Waste in circumstances likely to cause Pollution under s.50.
- Offence of causing Serious Environmental Harm (s.50A) or Material Environmental Harm (s.50B).
- Offence of causing Emissions which do not comply with prescribed standards (s.51).
- Offences relating to Emissions or Discharges under regulations prescribed under the EP Act, including materials discharged under the *Environmental Protection (Unauthorised Discharges) Regulations 2004 (WA)*.
- Offences relating to noise under the *Environmental Protection (Noise) Regulations 1997 (WA)*.

Section 53 of the EP Act provides that a Licence Holder commits an offence if Emissions are caused, or altered from a Prescribed Premises unless done in accordance with a Works Approval, Licence or the requirements of a Closure Notice or an Environmental Protection Notice.

Defences to certain offences may be available to a Licence Holder and these are set out in the EP Act. Section 74A(b)(iv) provides that it is a defence to an offence for causing Pollution, in respect of an Emission, or for causing Serious Environmental Harm or Material Environmental Harm, or for discharging or abandoning Waste in water to which the public has access, if the Licence Holder can prove that an Emission or Discharge occurred in accordance with a Licence.

This Licence specifies the Emissions and Discharges, and the limits and Conditions which must be satisfied in respect of Specified Emissions and Discharges, in order for the defence to offence provision to be available.

Authorised Emissions and Discharges

The Specified and General Emissions and Discharges from Primary Activities conducted on the Prescribed Premises are authorised to be conducted in accordance with the Conditions of this Licence.

Emissions and Discharges caused from other activities not related to the Primary Activities at the Premises have not been Conditioned in this Licence. Emissions and Discharges from other activities at the Premises are subject to the general provisions of the EP Act.

Amendment of licence

The Licence Holder can apply to amend the Conditions of this Licence under s.59 of the EP Act. An application form for this purpose is available from DWER.

The CEO may also amend the Conditions of this Licence at any time on the initiative of the CEO without an application being made.

Amendment Notices constitute written notice of the amendment in accordance with s.59B(9) of the EP Act.

Duration of Licence

The Licence will remain in force for the duration set out on the first page of this Licence or until it is surrendered, suspended or revoked in accordance with s.59A of the EP Act.

Suspension or revocation

The CEO may suspend or revoke this Licence in accordance with s.59A of the EP Act.

Fees

The Licence Holder must pay an annual licence fee. Late payment of annual licence fees may result in the licence ceasing to have effect. A licence that has ceased to have effect due to non-payment of annual licence fees continues to exist; however, it ceases to provide a defence to an offence under s.74A of the EP Act.

Late fees are a component of annual licence fees and should a Licence Holder fail to pay late fees within the time specified the licence will similarly cease to have effect.

Definitions and interpretation

Definitions

In this Licence, the terms in Table 1 have the meanings defined.

Table 1: Definitions

Term	Definition
ACN	Australian Company Number
Annual Period	means a 12 month period commencing from 1 January to 31 December of the immediately following year.
Condition	means a condition to which this Licence is subject under s.62 of the EP Act.
Books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer. CEO for the purposes of correspondence means: Chief Executive Officer Department Administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 JOONDALUP DC WA 6027 Email: info@dwer.wa.gov.au
Compliance Report	means a report in a format approved by the CEO as presented by the Licence Holder or as specified by the CEO (guidelines and templates may be available on the Department's website).
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.
Department Request	means a request for Books or other sources of information to be produced, made by an Inspector or the CEO to the Licence Holder in writing and sent to the Licence Holder's address for notifications, as described at the front of this Licence, in relation to: (a) compliance with the EP Act or this Licence; (b) the Books or other sources of information maintained in accordance with this Licence; or (c) the Books or other sources of information relating to Emissions from the Premises.
Discharge	has the same meaning given to that term under the EP Act.
DWER	means Department of Water and Environmental Regulation.
Emission	has the same meaning given to that term under the EP Act.

Environmental Harm	has the same meaning given to that term under the EP Act.
EP Act	means the <i>Environmental Protection Act 1986</i> (WA).
EP Regulations	means the <i>Environmental Protection Regulations 1987</i> (WA).
HDPE	high density polyethylene
Implementation Agreement or Decision	has the same meaning given to that term under the EP Act.
Inspector	means an inspector appointed by the CEO in accordance with s.88 of the EP Act.
kL	kilolitre
Landfill Definitions	<i>Landfill Waste Classification and Waste Definition 1996</i> , as amended from time to time.
Licence	refers to this document, which evidences the grant of a Licence by the CEO under s.57 of the EP Act, subject to the Conditions.
Licence Holder	refers to the occupier of the premises being the person to whom this Licence has been granted, as specified at the front of this Licence.
Material Environmental Harm	has the same meaning given to that term under the EP Act.
mg/L	milligram per litre
Pollution	has the same meaning given to that term under the EP Act.
Premises	refers to the premises to which this Licence applies, as specified at the front of this Licence and as shown on the map in Schedule 1 to this Licence.
Prescribed Premises	has the same meaning given to that term under the EP Act.
Primary Activities	refers to the Prescribed Premises activities listed on the front of this Licence as described in Schedule 2, at the locations shown in Schedule 1.
Reportable Event	means an exceedance above the target limit specified in Column 4 of Table 6, in Schedule 3.
Serious Environmental Harm	has the same meaning given to that term under the EP Act.

Six monthly	means at least 5 months apart.
Unreasonable Emission	has the same meaning given to that term under the EP Act.
Waste	has the same meaning given to that term under the EP Act.

Interpretation

In this Licence:

- (a) the words 'including', 'includes' and 'include' will be read as if followed by the words 'without limitation';
- (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 Licence means the version of the standard, guideline or code of practice in force at the time of granting of this Licence and includes any amendments to the standard, guideline or code of practice which may occur from time to time during the course of the Licence; and
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act.

Conditions

Emissions

1. The Licence Holder must not cause any Emissions from the Primary Activities on the Premises except for specified Emissions and general Emissions described in Column 1 of Table 2 subject to the exclusions, limitations or requirements specified in Column 2 of Table 2.

Table 2: Authorised Emissions table

Column 1	Column 2
Emission type	Exclusions/Limitations/Requirements
Specified Emissions	
Carbine pit discharge point	Requirements: Mine dewater from Paradigm pit only is permitted to be discharged into Carbine pit at the approved discharge point.
Paradigm landfill	Requirements: Landfilling to only occur in the designated landfill area as depicted in the map in Schedule 1.
General Emissions (excluding Specified Emissions)	
Emissions which: • arise from the Primary Activities set out in Schedule 2.	Emissions excluded from General Emissions are: • Unreasonable Emissions; or • Emissions that result in, or are likely to result in, Pollution, Material Environmental Harm or Serious Environmental Harm; or • Discharges of Waste in circumstances likely to cause Pollution; or • Emissions that result, or are likely to result in, the Discharge or abandonment of Waste in water to which the public has access; or • Emissions or Discharges which do not comply with an Approved Policy; or • Emissions or Discharges which do not comply with a prescribed standard; or • Emissions or Discharges which do not comply with the conditions in an Implementation Agreement or Decision; or • Emissions or Discharges the subject of offences under regulations prescribed under the EP Act, including materials discharged under the Environmental <i>Protection (Unauthorised Discharges) Regulations 2004</i>.

Infrastructure and equipment

2. The Licence Holder must ensure that the infrastructure and equipment specified in Column 1 of Table 3 is maintained in good working order and operated in accordance with the requirements specified in Column 2 of Table 3.

Table 3: Infrastructure and equipment controls table

Column 1	Column 2
Site infrastructure and equipment	Operational requirements
Carbine pit	A minimum vertical freeboard of 6 metres must be maintained below the lowest crest level at all times. Must be inspected monthly (whilst operating) for freeboard capacity. A written log is required to be maintained for each inspection, with each inspection record signed by the person who carried out the inspection.
Phantom pit	
Dewater pipelines	HDPE Contained within an earthen bunded v-drain with three scour pits located at low points to act as a collection sump for spills. Flow meter installed at the dewater discharge point. Equipped with leak detection and isolation valves. Daily visual inspection of pipelines and pumping infrastructure whenever active pumping (dewatering) is taking place. A written log of all inspections is required to be maintained with each inspection record signed by the person who carried out the inspection. Located as depicted in Schedule 1: Site plan map
Landfill	The landfill can accept the following waste types as defined in the Landfill Definitions: Inert Waste Type 1 Inert Waste Type 2 Putrescible Waste; and Clean Fill The construction of the facility and landfilling activities shall be managed to ensure: • The size of the tipping face is kept to a minimum and not larger than 30 metres in width and two metres in height. • Cover is applied monthly with minimum 300 mm of inert cover to ensure waste is completely covered and that no waste is exposed. Located as depicted in Schedule 1: Site plan map

Monitoring

3. The Licence Holder must monitor the parameters specified in Column 1 from the locations specified in Column 2 of Table 4. Parameters must be monitored in the units specified in Column 3, at the frequency specified in Column 5.

Table 4: Mine dewatering and landfill waste monitoring table

Column 1	Column 2	Column 3	Column 4	Column 5
Parameter	Location	Unit	Averaging period	Frequency
Volumetric flow rate	Carbine pit discharge point (Schedule 1: Maps: Site plan map)	kL	Monthly	Continuous
Freeboard water level	Carbine pit (Schedule 1: Maps: Site plan map)	metres below pit crest level	Spot sample	Monthly (at least 15 days apart)
pH		-		Six monthly (at least 5 months apart)
Total dissolved solids (TDS)		mg/L		
Waste volumes: Inert Waste Type 1 Inert Waste Type 2 Putrescible Waste Clean Fill	Paradigm landfill	Tonnes	Annual	Monthly (at least 15 days apart)

Record-keeping

4. The Licence Holder must maintain accurate and auditable Books including the following records, information, reports and data required by this Licence:
 - (a) the calculation of fees payable in respect of this Licence;
 - (b) the maintenance of infrastructure required to ensure that it is kept in good working order in accordance with Condition 2 of this Licence;
 - (c) monitoring undertaken in accordance with Condition 3 of this Licence;
 - (d) complaints received under Condition 5 of this Licence; and
 - (e) any Material Change.
 In addition, the Books must:
 - (f) be legible;
 - (g) if amended, be amended in such a way that the original and subsequent amendments remain legible and are capable of retrieval;
 - (h) be retained for at least 3 years from the date the Books were made; and
 - (i) be available to be produced to an Inspector or the CEO.
5. The Licence Holder must record the number and details of any complaints received by the Licence Holder relating to its obligations under this Licence and its compliance with Part V of the EP Act at the Premises, and any action taken by the Licence Holder in response to the complaint. Details of complaints must include:

- (a) an accurate record of the concerns or issues raised, for example a copy of any written complaint or a written note of any verbal complaints made;
 - (b) the name and contact details of the complainant, if provided by the complainant;
 - (c) the date of the complaint; and
 - (d) the details and dates of the actions taken by the Licence Holder in response to the complaints.
6. The Licence Holder must submit to the CEO, no later than 31 March, a Compliance Report indicating the extent to which the Licence Holder has complied with the Conditions in this Licence for the preceding Annual Period.
 7. The Licence Holder must submit to the CEO, no later than 31 March, a Monitoring Report detailing the results to monitoring undertaken in accordance with Condition 3 in this Licence for the preceding Annual Period. The report shall include a comparison of results against previous results.
 8. The Licence Holder must comply with a Department Request, within 14 days from the date of the Department Request or such other period as agreed to by the Inspector or the CEO.

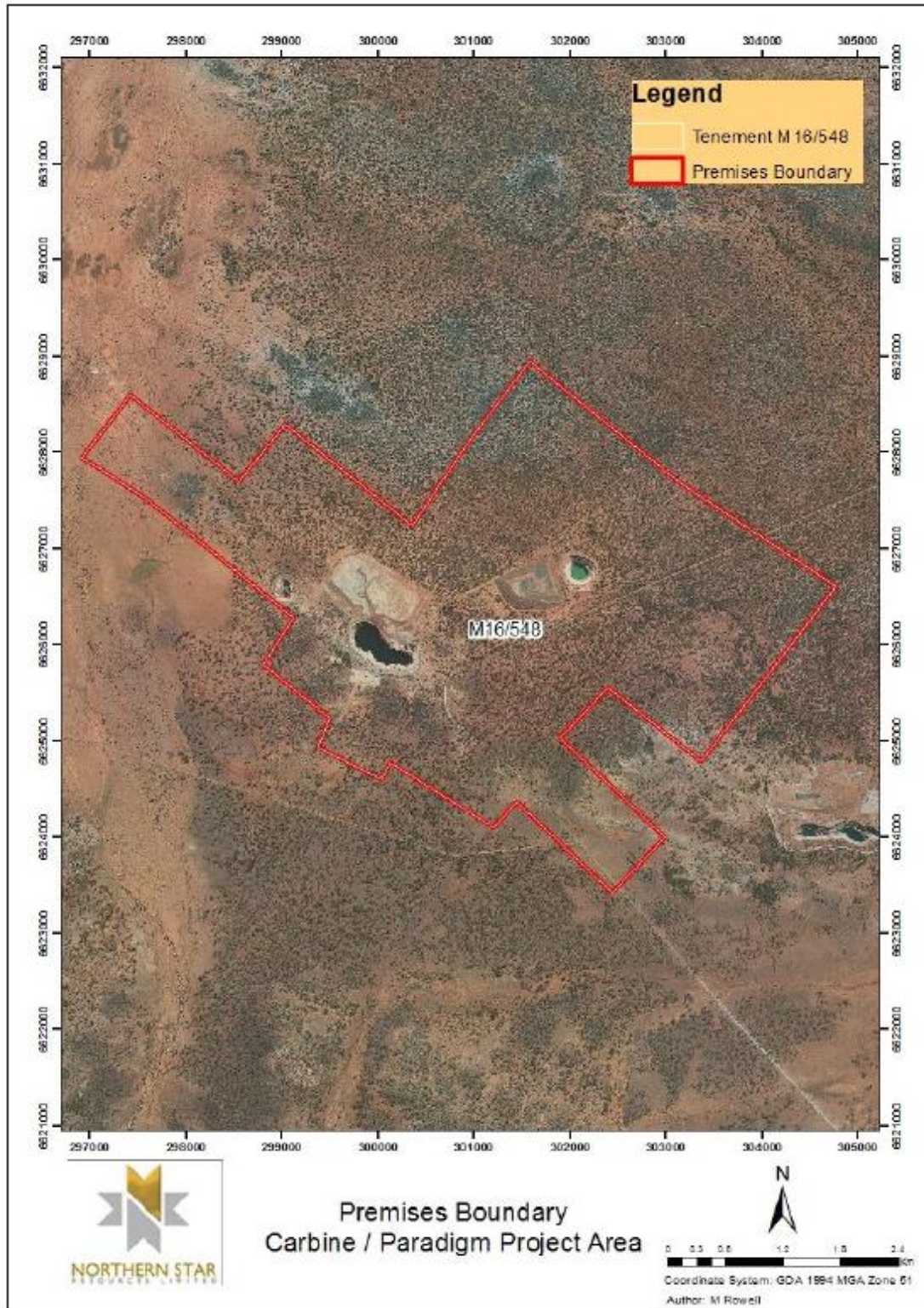
Construction Compliance Report

9. The Licence Holder must:
 - (a) construct the infrastructure listed in Table 3 in accordance with the design and construction requirements; and
 - (b) at the corresponding infrastructure location
10. The Licence Holder must within 30 calendar days of the infrastructure required by Condition 2 being constructed:
 - (a) undertake an audit of their compliance with the requirements listed in Table 3; and
 - (b) submit to the CEO an Environmental Compliance Report on that compliance.
11. The Environmental Compliance Report required by condition 10, must include as a minimum the following:
 - (a) certification by a suitably qualified and experienced person that the landfill, as specified in condition 2, has or has not been constructed in accordance with the relevant requirements; and
 - (b) be signed by a person authorised to represent the Licence Holder and contains the printed name and position of that person within the company.
12. Where an item of infrastructure has been certified as not being constructed, or does not comply with the corresponding requirements, the Licence Holder must correct the non-compliant or defective works, prior to re-certifying, or provide to the CEO a description of, and explanation for, any departures from the requirements specified in Table 1 that do not require rectification and do not constitute a material defect along with the Environmental Compliance Report.

Schedule 1: Maps

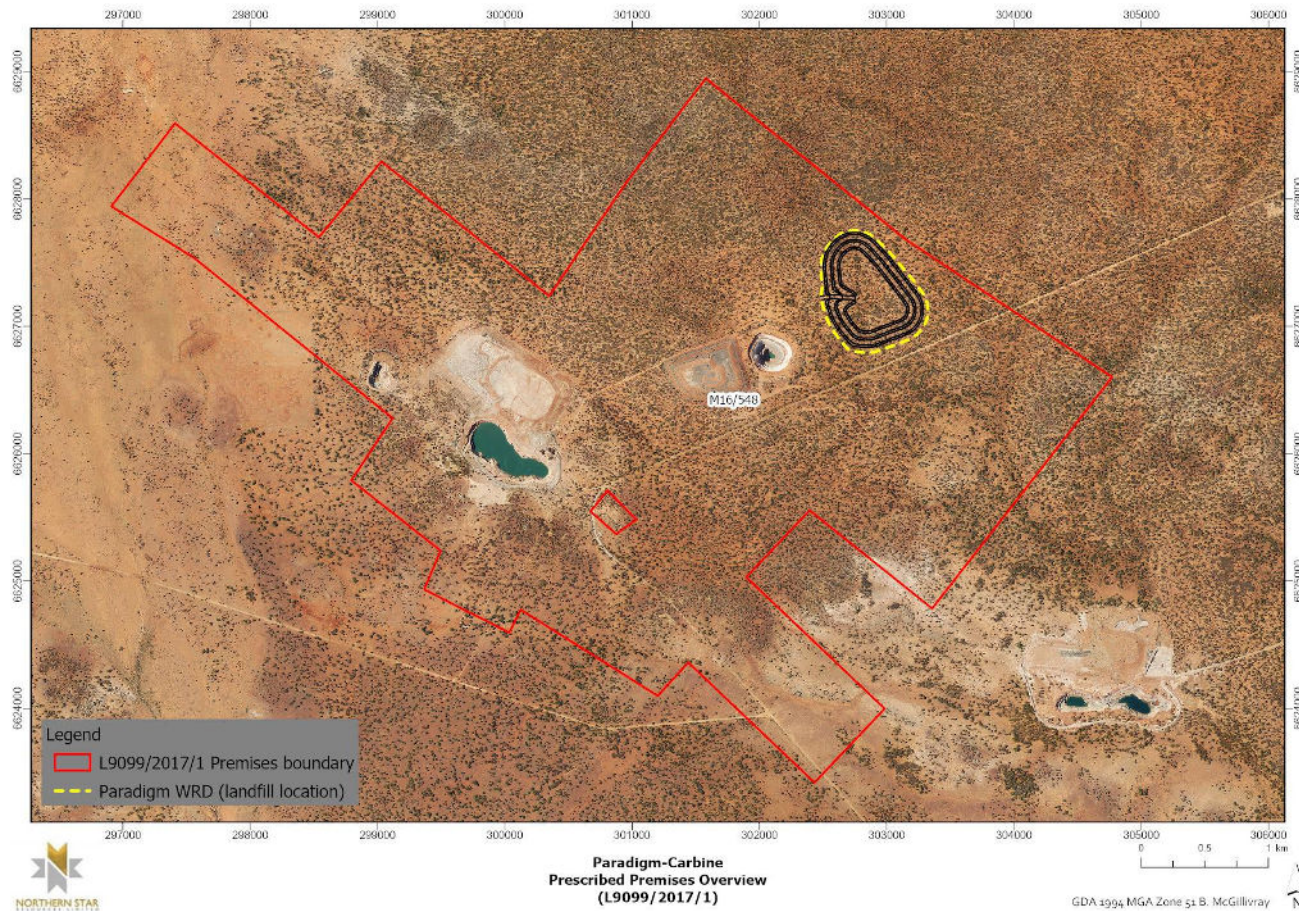
Premises boundary map

The Premises boundary is drawn in red in the map below.

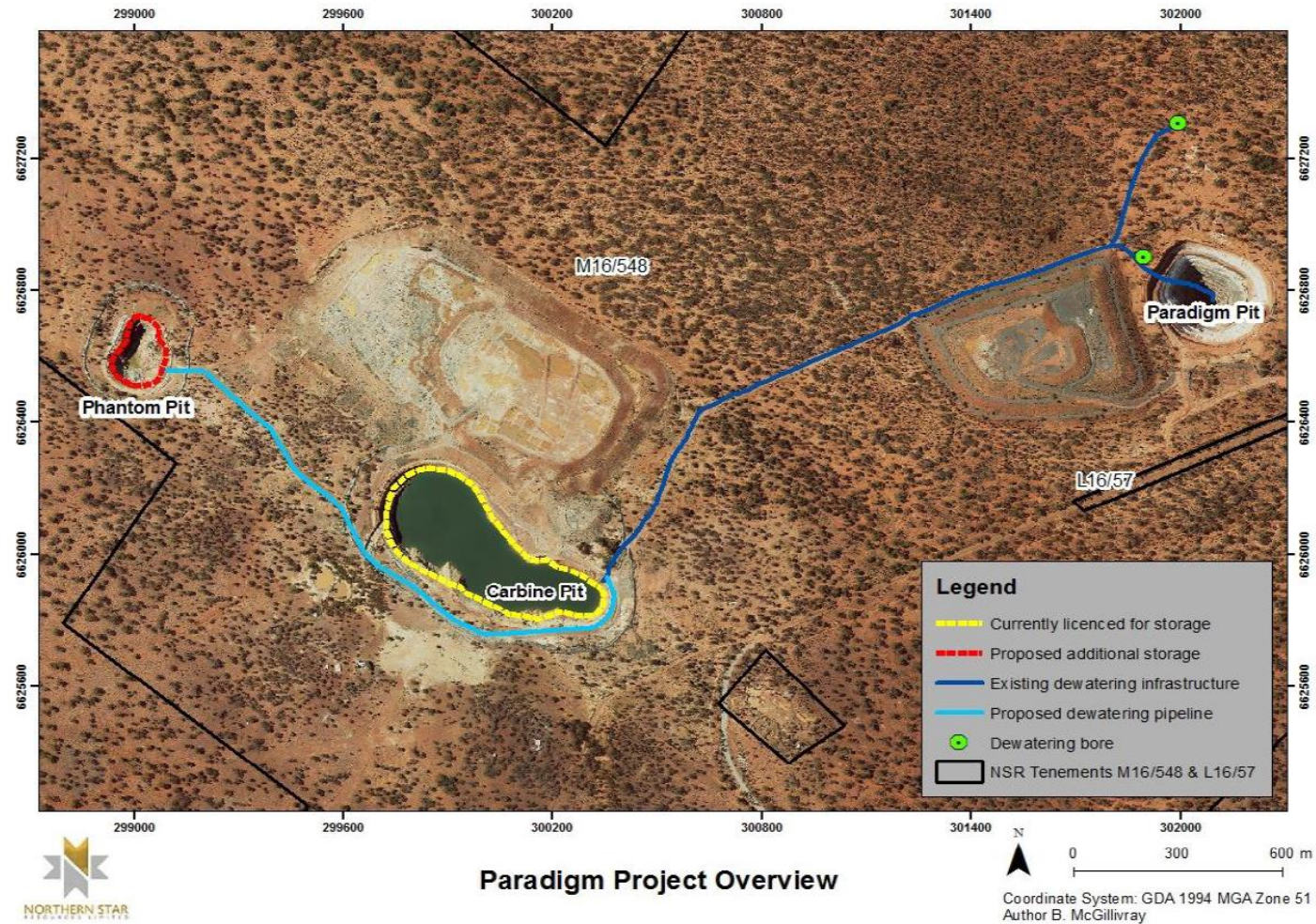


Site plan map

The location of landfill is shown in the map below



The dewatering infrastructure layout and monitoring locations are shown in the map below.



Schedule 2: Primary Activities

At the time of assessment, Emissions and Discharges from the following Primary Activities were considered in the determination of the risk and related Conditions for the Premises.

The Primary Activities are listed in Table 5:

Table 4: Primary Activities

Primary Activity	Premises production or design capacity
Category 6: premises on which water is extracted and discharged into the environment to allow mining of ore.	1,500,000 tonnes per year
Category 89: putrescible landfill site	4,900 tonnes per year

Infrastructure and equipment

The Primary Activity infrastructure and equipment situated on the Premises is listed in Table 6.

Table 5: Infrastructure and equipment

Infrastructure and equipment	Plan reference
Carbine pit discharge point	Schedule 1: Maps Site plan map (located as indicated by map legend)
Dewater pipeline	
Scour pits	
Landfill trenches	

Site layout

The Primary Activity infrastructure and equipment is set out on the Premises in accordance with the site layout specified on the Site plan map in Schedule 1.