



Licence number	L8596/2011/1
Licence holder	Yilgarn Iron Investments Pty Ltd
ACN	686 388 063
Registered business address	12 Kings Park Road WEST PERTH WA 6005
DWER file number	INS-0001754
Duration	18/11/2011 to 16/11/2030
Date of amendment	6 November 2025
Premises details	Carina Iron Ore Project Mining licences L15/303, L15/318, L15/340, L15/305, L15/306, L15/329, L15/311, L15/310 and general-purpose lease G15/21 Mount Walton Road KOOLYANOBING WA 6427

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: premises on which – (a) Metallic or non-metallic ore is crushed, ground, milled or otherwise processed; (b) Tailings from metallic or non-metallic ore are reprocessed; or (c) Tailings or residue from metallic or non-metallic ore are discharged into a containment cell or dam	5 000 000 tonnes per annual period
Category 54: Sewage facility: premises – (a) on which sewage is treated (excluding septic tanks); or (b) from which treated sewage is discharged onto land or into waters.	100 cubic metres per day (m ³ /day)

This amended licence is granted to the licence holder, subject to the attached conditions, on 6 November 2025, by:

MANAGER, RESOURCE INDUSTRIES
STATEWIDE DELIVERY (ENVIRONMENTAL REGULATION)
Officer delegated under section 20 of the *Environmental Protection Act 1986*

Licence history

Date	Reference number	Summary of changes
14/03/2011	W4815/2010/1	Works approval to build site.
17/11/2011	L8596/2011/1	New licence.
15/12/2011	L8596/2011/1	Amendment to correct typographical error.
10/02/2011	W4726/2010/1	Works approval to construct crushing and screening plant.
14/06/2012	L8596/2011/1	Licence amendment to incorporate category 5 operations.
21/11/2013	L8596/2011/1	Licence amendment to change category 85 to 54 and category 5 design capacity.
06/11/2025	L8596/2011/1	Licence amended to change the Licence Holder's name, ACN and registered business address in accordance with the transfer application under APP-0030988. Amended the licence expiry date for 5 years under CEO initiated amendment APP-0030262.

Interpretation

In this licence:

- (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 licence:
 - (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 licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

The Licence Holder must ensure that the following conditions are complied with:

1. General

1.1 General conditions

- 1.1.1 The Licence Holder shall provide to the CEO prior written notice of any works it intends to undertake on the premises that may:
- (a) cause any emission;
 - (b) alter the volume, nature, location or source of any emission;
 - (c) alter the method of detecting, monitoring or measuring any emission; or
 - (d) involve the installation, alteration or replacement of any emission causing process equipment or industrial plant.
- 1.1.2 The Licence Holder shall immediately recover or remove and dispose of spills or leaks of environmentally hazardous materials.
- 1.1.3 The Licence Holder shall ensure that uncontaminated stormwater is kept separate from contaminated or potentially contaminated stormwater. Where stormwater has come into contact with possible sources of contamination it should be treated as contaminated.
- 1.1.4 The Licence Holder shall:
- (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the premises; and
 - (b) treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the premises.¹

Note 1: The *Environmental Protection (Unauthorised Discharges) Regulations 2004* make it an offence to discharge certain materials into the environment.

1.2 Premises operation

- 1.2.1 The Licence Holder shall ensure that all pipelines containing environmentally hazardous substances are either:
- (a) equipped with automatic cut-outs in the event of a pipe failure; or
 - (b) provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspections.
- 1.2.2 The Licence Holder shall only allow waste to be accepted on to the premises if:
- (c) it is of a type listed in Table 1.2.2;
 - (d) the quantity accepted is below any limit listed in Table 1.2.2; and
 - (e) it meets any specification listed in Table 1.2.2.

Table 1.2.2: Waste acceptance		
Waste	Quantity limit	Specification
Sewage and wastewater	100 m ³ per day	Accepted from the Carina Iron Ore project accommodation facilities only, via sewerage pump station.

Department of Water and Environmental Regulation

- 1.2.3 The Licence Holder shall ensure that the wastes accepted onto the premises are only subjected to the process set out in Table 1.2.3 and in accordance with any process limits described in that table.

Table 1.2.3: Waste processing		
Waste type	Process	Process limits
Sewage	SBR Treatment	None specified

- 1.2.4 The Licence Holder shall ensure that the irrigation of treated wastewater meets the following:
- (a) no irrigation generated run-off, spray drift or discharge occurs beyond the boundary of the premises;
 - (b) wastewater is evenly distributed over the irrigation area; and
 - (c) no soil erosion occurs.
- 1.2.5 The Licence Holder shall ensure that iron ore is the only material subject to crushing and screening processes on the premises.

2. Emissions

2.1 General

- 2.1.1 The Licence Holder shall record and investigate the exceedance of any descriptive or numerical limit and/or target in this section.

2.2 Emissions to land

- 2.2.1 The Licence Holder is permitted, subject to conditions in the licence, to emit waste to land through the emissions points listed in Table 2.2.1.

Table 2.2.1: Emission points to land		
Emission point reference	Description	Source
L1	Irrigation area (0.5ha)	Class C storage tank, treated wastewater

- 2.2.2 The Licence Holder shall target emissions to land at or below the levels specified listed in Table 2.2.2.

Table 2.2.2: Emission targets to land			
Emission point reference	Parameter	Target (including units)	Reference period

L1 and at the discharge point at the turkey's nest	Biochemical oxygen demand (BOD)	<10 mg/L	Spot sample
	Total suspended solids (TSS)	<30 mg/L	
	Total nitrogen (TN)	<40 mg/L	
	Total phosphorus (TP)	<6 mg/l	
	pH	pH 6.5 – 8.5	
	Thermotolerant coliforms (including <i>E.coli</i>)	<1000cfu /100ml	

2.3 Fugitive emissions

2.3.1 The Licence Holder shall ensure that dust emitted from the premises does not unreasonably interfere with the health, welfare, convenience, comfort or amenity of any person who is not on the premises.

2.4 Odour

2.4.1 The Licence Holder shall ensure that odour emitted from the premises does not unreasonably interfere with the health, welfare, convenience, comfort or amenity of any person who is not on the premises.

3. Monitoring

3.1 General monitoring

- 3.1.1 The Licence Holder shall ensure that:
- (a) all water samples are collected in accordance with AS/NZS 5667.1;
 - (b) all water samples are analysed in accordance with “Standard Methods for Examination of Water and Wastewater APHA-AWWA-WEF”; and
 - (c) all samples are submitted to a laboratory with current NATA accreditation for the parameters to be measured.
- 3.1.2 The Licence Holder shall have all monitoring equipment referred to in any condition of the licence calibrated in accordance with the manufacturer's specifications, the requirements of the licence and any relevant Australian standard.
- 3.1.3 The Licence Holder shall, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

3.2 Monitoring of emissions to land

3.2.1 The Licence Holder shall undertake the monitoring in Table 3.2.1 according to the specifications in that table.

Table 3.2.1: Monitoring of emissions to land

Emission point reference ²	Parameter	Units	Reference period	Frequency ¹
L1 and discharge point at turkey's nest	Biochemical oxygen demand (BOD)	mg/L	Spot sample	Monthly
	Total suspended solids (TSS)	mg/l		
	Total nitrogen (TN)	mg/L		
	Total phosphorus (TP)	mg/L		
	pH	pH value		
	Thermotolerant coliforms (Including <i>E.coli</i>)	cfu /100 mL		
	Volume discharged	m ³	Each discharge	

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

Note 2: L1 is monitored at the outlet from the WWTP

3.2.2 All sampling of wastewaters in Table 3.2.1 shall be conducted in accordance with AS/NZS 5667.10.

4. Improvements

4.1 Improvement program

4.1.1 The Licence Holder shall complete the improvements in Table 4.1.1 by the date specified.

Table 4.1.1: Improvement programme		
Emission point Reference	Improvement	Completion period
IR1	Reduce the total nitrogen (TN) of the wastewater treatment plant to: <25 mg/L	Within one year of the wastewater quality improvement plan being approved by the Department.
IR2	The Licence Holder shall monitor monthly the health and condition of vegetation located at the irrigation area. Any decline in vegetation cover is to be reported within 72 hours. An annual report is to be submitted within	Submission of the Annual Environmental Report (AER) or sooner if any decline in vegetation is noted.

	the Annual Environmental Report on the condition of the vegetation cover at the irrigation area.	
IR3	The Licence Holder shall develop and submit for review to the CEO a wastewater quality improvement plan for the wastewater treatment plant to reduce total nitrogen and total phosphorus parameters.	Within three months from the issue of this licence amendment

5 Information

5.1 Records

- 5.1.1 All information and records required by the licence shall:
- (a) be legible;
 - (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
 - (c) except for records listed in 5.1.1(d) be retained for at least six years from the date the records were made or until the expiry of the licence or any subsequent licence; and
 - (d) for those following records, be retained until the expiry of the licence and any subsequent licence:
 - (i) off-site environmental effects; or
 - (ii) matters which affect condition of the land or groundwater.
- 5.1.2 The Licence Holder shall complete an Annual Audit Compliance Report indicating the extent to which the Licence Holder has complied with the conditions of the licence and any previous licence issued under Part V of the Act for the premises for the previous year.
- 5.1.3 The Licence Holder shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the premises and any action taken in response to the complaint.

5.2 Reporting

- 5.2.1 The Licence Holder shall submit to the CEO at the contact address the Annual Environmental Report within 28 calendar days after of the end of the annual period. The report shall contain the information listed in Table 5.2.1 in the format or form specified in that table.

Table 5.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form
5.1.3	Compliance	AACR
Table 3.2.1	Biochemical oxygen demand, total suspended solids, total nitrogen, total phosphorus, pH, thermotolerant coliforms (including <i>E.coli</i>)	None specified
2.1.1	Limit/ target exceedance	None specified
Table 3.2.1	Volume discharged	
Table 1.2.3	Quantity of material inputs processed on a monthly basis	
-	Measures taken to suppress dust	

5.2.2 The Annual Environmental Report shall also contain:

- (a) an assessment of the information contained within the report against previous monitoring results and licence limits and/or targets; and
- (b) any original monitoring reports submitted to the Licence Holder from third parties.

5.2.3 The Licence Holder shall submit the information in Table 5.2.2 to the CEO according to the specifications in that table.

Table 5.2.2: Non-annual reporting requirements				
Condition or table (if relevant)	Parameter	Reporting period	Reporting date (after end of the reporting period)	Format or form ¹
Table 3.2.1	Target exceedances	Monthly	28 calendar days	None specified

5.3 Notification

5.3.1 The parameters listed in Table 5.3.1 shall be notified to the CEO at the contact address and in accordance with the notification requirements of the table.

Table 5.3.1: Notification requirements			
Condition or table	Parameter	Notification requirement ¹	Format or form
-	Taking the SBR treatment plant offline for maintenance works	No less 72 hours in advance of works	None specified
2.1.1	Breach of any limit specified in the licence	Part A: As soon as practicable but no later than 5PM of the next usual working day. Part B: As soon as practicable.	None specified
	Any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution		

Note 1: No notification requirement in the licence shall negate the requirement to comply with s72 of the Act.

Definitions

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

Table 1: Definitions

Term	Definition
ACN	Australian Company Number
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates are available on the Department's website).
annual period	means the inclusive period from 1 January until 31 December in the same year.
APHA-AWWA-WEF	means American Public Health Association – American Water Works Association – Water Environment Federation.
AS/NZS 5667.10	means the Australian Standard AS/NZS 5667.10 <i>Water Quality – Sampling – Guidance on sampling of waste waters</i> .
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the department. “submit to / notify the CEO” (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
Code of practice for the storage and handling of dangerous goods	means the Department of Mines and Petroleum, 2010, Storage and handling of dangerous goods — code of practice (2nd edition): Resources Safety, Department of Mines and Petroleum, Western Australia.
Controlled Waste	has the definition in <i>Environmental Protection (Controlled Waste) Regulations 2004</i> .
Dangerous Goods	has the meaning defined in the <i>Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007</i> .
department; DWER	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
discharge	has the same meaning given to that term under the EP Act.

Term	Definition
emission	has the same meaning given to that term under the EP Act.
The Act - EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
Fugitive emissions	means all emissions not arising from point sources identified in section 2.4.
Hardstand	means a surface with a permeability of less than 10^{-9} metres per second or less.
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.
Licence Holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map in Schedule 1 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
Usual working day	means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia.
waste	has the same meaning given to that term under the EP Act.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1). The orange line defines the premises boundary.

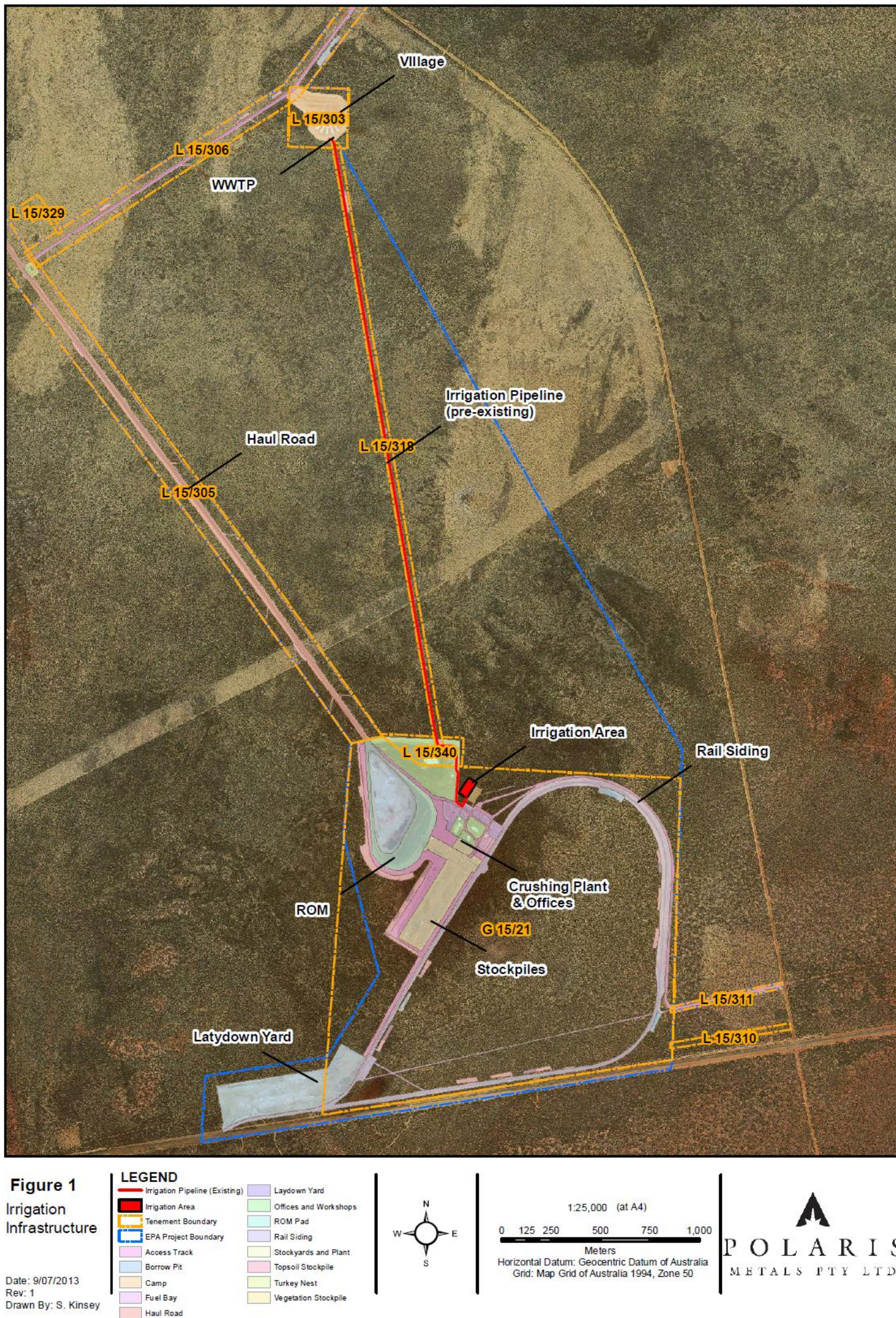


Figure 1: Map of the boundary of the prescribed premises

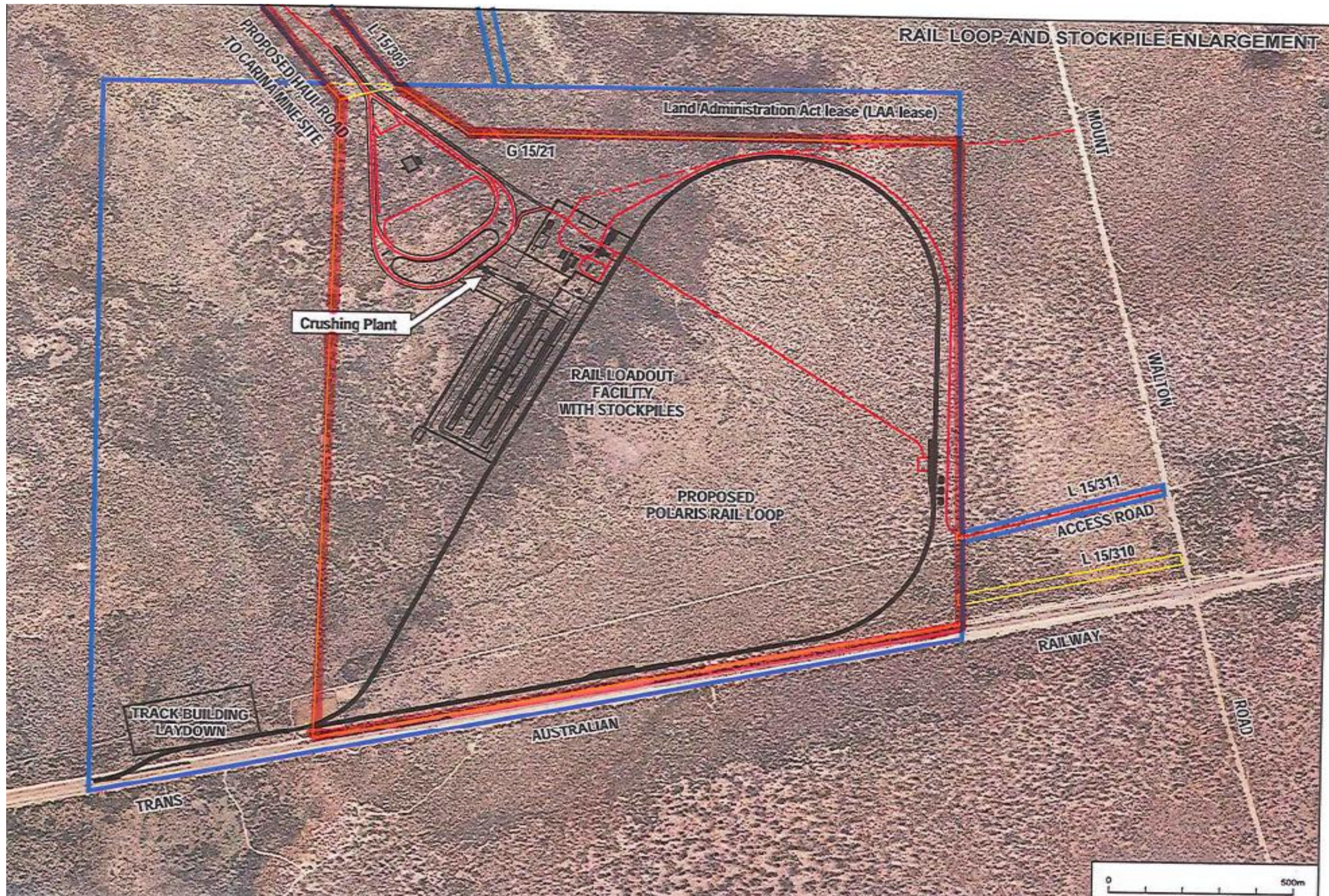


Figure 2: Premises boundary

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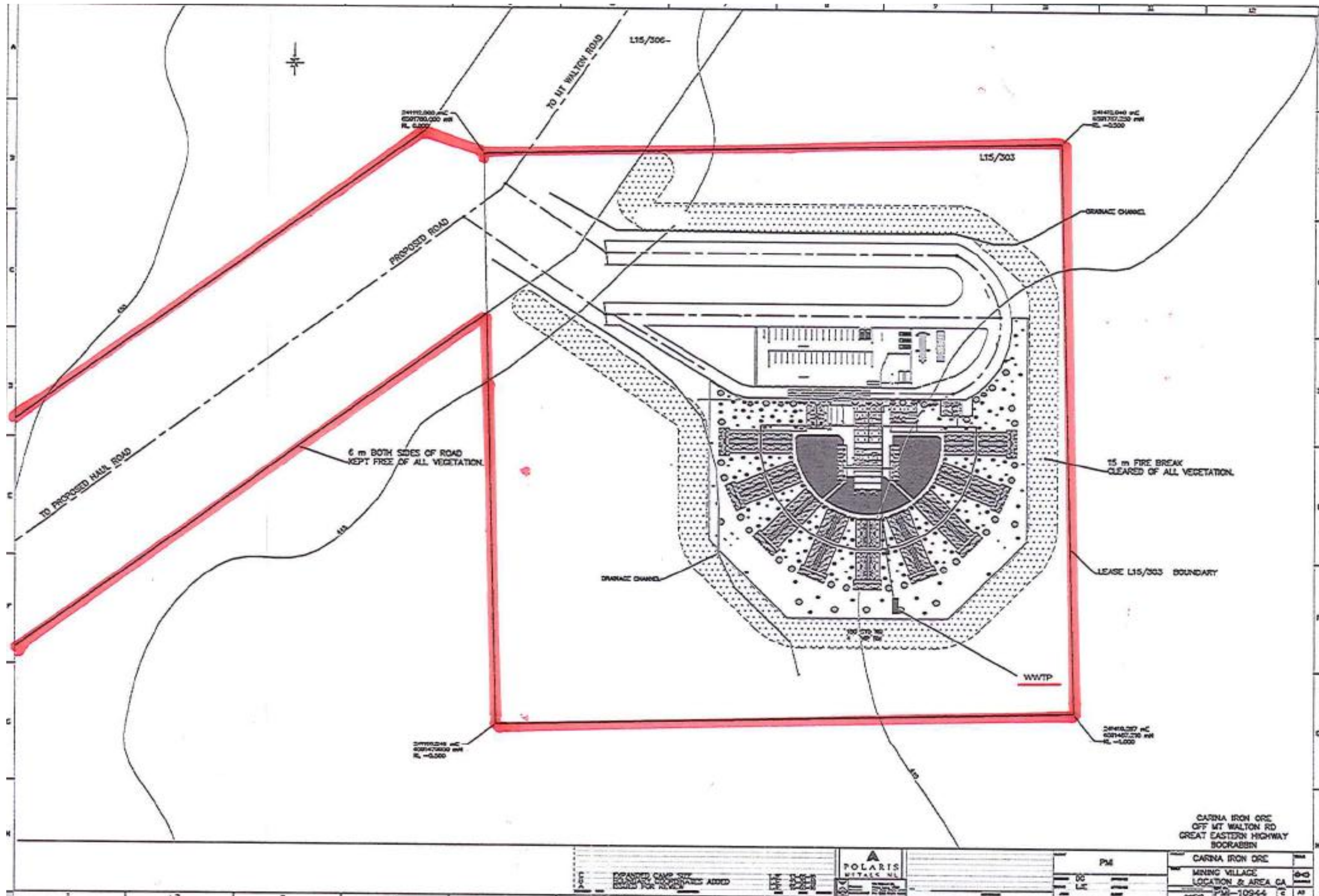


Figure 3: Rail siding enlargement – crushing plant

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IR-T06 Licence template (v10.0) (May 2024)