



Licence number	L8837/2014/2
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-0001762
Duration	23/10/2014 to 26/10/2027
Date of issue	23/10/2014
Date of transfer	21/11/2025
Premises details	Carina Iron Ore Project – Northern Operations Legal description - On Mining Lease M77/1244-I as depicted in Schedule 1. KOOLYANOBING WA 6427 Shire of Yilgarn

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.	450 000 tonnes per annum
Category 89: Putrescible landfill site: premises on which waste (as determined by reference to the waste type set out in the document entitled “Landfill Waste Classification and Waste Definitions 1996” published by the Chief Executive Officer, as amended from time to time) is accepted for burial.	518 tonnes per annum

This amended licence is granted to the licence holder, subject to the attached conditions, on 21 November 2025, by:

MANAGER, RESOURCE INDUSTRIES

STATE-WIDE DELIVERY (ENVIRONMENTAL REGULATION)

Officer delegated under section 20 of the *Environmental Protection Act 1986*

[L8837/2014/2 \(Amendment Date: 21 November 2025\)](#)

Licence history

Date	Reference number	Summary of changes
25/08/2011	W4962/2011/1	Works Approval: Category 6 – Mine dewatering and Category 89 – Putrescible landfill site.
16/02/2012	R2307/2012/1	Registration for Category 89 – Putrescible landfill site.
23/10/2014	L8837/2014/1	New Licence: Category 6 – Mine dewatering and Category 89 – Putrescible landfill site.
19/03/2015	L8837/2014/1	Amended Licence to include Category 12 for the crushing and screening of waste rock material.
10/03/2016	L8837/2014/1	Amended Licence to authorise the discharge of dewater from J4 Mine to Carina Pit.
21/11/2025	L8837/2014/2	Licence amended to change the Licence Holder's name, ACN and registered business address in accordance with the transfer application under APP-0030984 (Transfer granted)

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 Premises operation

1.1.1 The Licence Holder shall ensure that all pipelines containing saline water are either:

- (a) equipped with telemetry systems and pressure sensors along pipelines to allow the detection of leaks and failures;
- (b) equipped with automatic cut-outs in the event of a pipe failure; or
- (c) provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspections.

Table 1.1.1: Containment infrastructure			
Containment point reference	Containment cell or dam number(s)	Material	Infrastructure requirements
Cell 1	Evaporation basin 1	Dewatering effluent	Built to achieve a permeability of at least $<10^{-8}$ m/s or equivalent. Discharge point equipped with energy dissipation device to minimise scouring.
Cell 2	Evaporation basin 2		
Cell 3	Evaporation basin 3		
Cell 4	Evaporation basin 4		

1.1.3 The Licence Holder shall manage the evaporation basins in Table 1.1.1 such that:

- (a) a minimum top of embankment freeboard of 500mm or a 1 in 100 year/72 hour storm event (whichever is greater) is maintained; and,
- (b) methods of operation minimise the likelihood of erosion of the embankments by wave action.

1.1.4 The Licence Holder shall:

- (a) undertake inspections as detailed in Table 1.1.2;
- (b) where any inspection identifies that an appropriate level of environmental protection is not being maintained, take corrective action to mitigate adverse environmental consequences as soon as practicable; and
- (c) maintain a record of all inspections undertaken.

Table 1.1.2: Inspection of infrastructure		
Scope of inspection	Type of inspection	Frequency of inspection
Dewatering effluent pipelines	Visual integrity	Daily

Department of Water and Environmental Regulation

Evaporation basin embankment freeboard	Visual inspection to confirm required freeboard capacity is available	Daily
Evaporation basin sedimentation levels	Monitoring of sedimentation levels in evaporation basins	Six-monthly

1.1.5 The Licence Holder shall only accept waste on to the landfill if:

- (a) it is of a type listed in Table 1.1.3;
- (b) the quantity accepted is below any quantity limit listed in Table 1.1.3; and
- (c) it meets any specification listed in Table 1.1.3.

Table 1.1.3: Waste acceptance		
Waste	Quantity Limit	Specification ¹
Clean fill	518 tonnes per annual period	None specified
Inert Waste Type 1		
Putrescible waste		
Inert Waste Type 2		Tyres and plastic only

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

1.1.6 The Licence Holder shall ensure that where waste does not meet the waste acceptance criteria set out in condition 1.1.5 it is stored in a quarantined storage area or container and removed from the Premises to an appropriately authorised facility as soon as practicable.

- 1.1.7 The Licence Holder shall ensure that wastes accepted onto the landfill are only subjected to the process(es) set out in Table 1.1.4 and in accordance with any process limits described in that table.

Table 1.1.4: Waste processing		
Waste type(s)	Process	Process limits ^{1,2}
All	Disposal of waste by landfilling	Shall only take place within the landfill area shown on the Map in Schedule 1. No waste shall be temporarily stored or landfilled within 35 metres from the boundary of the Premises. The separation distance between the base of the landfill and the highest groundwater level shall not be less than 2m.
Inert Waste Type 2 - Tyres	Receipt, handling, storage prior to re-use or disposal by landfilling	To be stored in piles of up to 100 units with a 6m separation distance between piles. Tyres shall only be landfilled: (a) in batches separated from each other by at least 100mm of soil and each consisting of not more than 40 cubic metres of tyres reduced to pieces; or (b) in batches separated from each other by at least 100mm of soil and each consisting of not more than 1,000 whole tyres.
Putrescible Waste	Receipt, handling and disposal by landfilling	None specified
Clean Fill		
Inert Waste Type 1		

Note 1: Requirements for landfilling tyres are set out in Part 6 of the *Environmental Protection Regulations 1987*.

Note 2: Additional requirements for the acceptance and landfilling of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

- 1.1.8 The Licence Holder shall manage the landfilling activities to ensure:
- (a) the size of the tipping face is kept to a minimum and not larger than 30 m in length and 2 m above ground level in height;
 - (b) waste is placed and compacted to ensure all faces are stable and capable of retaining cover material.

1.1.9 The Licence Holder shall ensure that cover is applied to waste in accordance with Table 1.1.5 and that sufficient stockpiles of cover are maintained on site at all times.

Table 1.1.5: Cover requirements			
Waste Type	Material	Depth	Timescales
Putrescible Wastes	Inert and incombustible material	Sufficient to ensure the waste is completely covered and that no waste is exposed	Weekly or as soon as practicable after deposit and prior to compaction
Inert Waste Type 1			
Inert Waste Type 2	Inert waste type 1 or soil	500 mm	As soon as practicable after deposit

Note 1: Additional requirements for the covering of tyres are set out in Part 6 of the *Environmental Protection Regulations 1987*.

1.1.10 The Licence Holder shall ensure that no waste is burnt on the premises.

1.1.11 The Licence Holder shall ensure that wind-blown waste is contained within the boundary of the landfill and that wind-blown waste is returned to the tipping area on at least a monthly basis.

1.1.12 The Licence Holder shall complete construction of the crushing and screening plant in accordance with the documentation listed in Table 1.1.6 and in the layout as depicted in Schedule 1:

Table 1.1.6: Construction requirements ¹		
Document	Parts	Date of Document
Carina Iron Ore Project – Licence Amendment Supporting Documentation, Polaris Metals Pty Ltd.	All	1 November 2014

Note 1: Where the details and commitments of the documents listed in condition 1.1.12 are inconsistent with any other condition of this licence, the conditions of this licence shall prevail.

2. Emissions

2.1 General

- 2.1.1 The Licence Holder shall record and investigate the exceedance of any descriptive or numerical limit specified in any part of section 2 of this Licence.

2.2 Point source emissions to groundwater

- 2.2.1 The Licence Holder is permitted, subject to conditions in the Licence, to emit waste to groundwater through the emissions points listed in Table 2.2.1 identified in the Premises Map in Schedule 1.

Table 2.2.1: Emission points to groundwater			
Emission point reference and location on Premises Map	Description	Limit	Source including abatement
Carina Pit	Saline dewater	450 000 tonnes per annual period	J4 Mine located on mining tenement M77/1270-I and licensed for dewatering under DER Licence L8945/2016/1

3. Monitoring

3.1 General monitoring

3.1.1 The Licence Holder shall ensure that:

- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
- (b) all groundwater sampling is conducted in accordance with AS/NZS 5667.11;
- (c) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured.

3.1.2 The Licence Holder shall ensure that :

- (a) monthly monitoring is undertaken at least 15 days apart;
- (b) quarterly monitoring is undertaken at least 45 days apart;

3.1.3 The Licence Holder shall ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications.

3.2 Monitoring of inputs and outputs

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 inputs and outputs				
Input/Output	Parameter	Units	Averaging period	Frequency
Dewatering effluent	Volumetric flow rate (abstraction from mine pit)	m ³ /s	N/A	Monthly
	Cumulative volume of water dewatered from pit	kL	Month	Monthly
	Cumulative volume of water discharged to evaporation basins	kL	Month	Monthly
Waste Inputs	Inert Waste Type 1, Inert Waste Type 2, Putrescible Waste and Clean Fill	Tonnes or (where no weighbridge is present) m ³	N/A	Each load arriving at the landfill

3.3 Ambient environmental quality monitoring

3.3.1 The Licence Holder shall undertake the monitoring in Table 3.3.1 according to the specifications in that table.

Table 3.3.1: Monitoring of ambient groundwater quality				
Monitoring point reference (location shown Schedule 1)	Parameter	Units	Averaging period	Frequency
WRD1 WRD2	Standing water level	m(AHD)	Spot sample	Monthly
WRD3	Aluminium (Al), arsenic (As), cadmium (Cd), chromium (Cr), copper (Cu), iron (Fe), lead (Pb), magnesium (Mg), manganese (Mn), mercury (Hg), nickel (Ni), selenium (Se), silver (Ag), zinc (Zn), sodium (Na), potassium (K), chloride (Cl), carbonate (CO ₃), bicarbonate (HCO ₃), nitrate (NO ₃), sulphate (SO ₃).	mg/L	Spot sample	Quarterly
	pH	-		
	Electrical conductivity	µS/cm		

4 Information

4.1 Records

4.1.1 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 4.1.1(d) be retained for at least 6 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 the condition of the land or waters.

4.1.2 The Licence Holder shall ensure that:

- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
- (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.

4.1.3 The Licence Holder shall complete an Annual Audit Compliance Report in the approved form, 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 annual period.

4.1.4 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.

4.2 Reporting

- 4.2.1 The Licence Holder shall submit to the CEO an Annual Environmental Report within 28 calendar days after the end of the annual period. The report shall contain the information listed in Table 4.2.1 in the format or form specified in that table.

Table 4.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
Table 2.2.1	Dewatering throughputs	None specified
Table 3.2.1	Monitoring of volumetric flow rate (abstraction from mine pit), cumulative volume of water dewatered from pit, cumulative volume of water discharged to evaporation basins Waste inputs to landfill: Inert Waste Type 1, Inert Waste Type 2, Putrescible Waste and Clean Fill	None specified
Table 3.3.1	Standing water level, pH, electrical conductivity Aluminium (Al), arsenic (As), cadmium (Cd), chromium (Cr), copper (Cu), iron (Fe), lead (Pb), magnesium (Mg), manganese (Mn), mercury (Hg), nickel (Ni), selenium (Se), silver (Ag), zinc (Zn), sodium (Na), potassium (K), chloride (Cl), carbonate (CO ₃), bicarbonate (HCO ₃), nitrate (NO ₃), sulphate (SO ₃)	None specified
4.1.3	Compliance	Annual Audit Compliance Report (AACR) form as approved.
4.1.4	Complaints summary	None specified

- 4.2.2 The Licence Holder shall ensure that the Annual Environmental Report also contains an assessment of the information contained within the report against previous monitoring results, Licence limits or other appropriate measures (e.g. standards or guidelines).

Department of Water and Environmental Regulation

4.2.3 The Licence Holder shall submit a compliance document to the CEO, following the completion of the works under condition 1.1.12 and prior to commissioning of the same.

4.2.4 The compliance document shall:

- (a) certify that the works were constructed in accordance with the conditions of the Licence;
- (b) be signed by a person authorised to represent the Licence Holder and contain the printed name and position of that person within the company.

4.3 Notification

4.3.1 The Licence Holder shall ensure that the parameters listed in Table 4.3.1 are notified to the CEO in accordance with the notification requirements of the table.

Table 4.3.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form
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.	N1 form within Schedule 2
-	Any failure or malfunction of any pollution control equipment or any incident, which has caused, is causing or may cause pollution	Part B: As soon as practicable	
-	Production ceasing for an unspecified period of time	As soon as practicable after the decision has been made	None Specified
-	Production recommencing	At least 28 days prior to production recommencing	None specified

Note 1: Notification requirements in the Licence shall not 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
Acceptance Criteria	has the meaning defined in <i>Landfill Waste Classification and Waste Definitions 1996</i> (As amended December 2009), published by the CEO and as amended from time to time.
ACN	Australian Company Number
Act	means the <i>Environmental Protection Act 1986</i>
AHD	means the Australian height datum
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 a 12-month inclusive period from 1 January until 31 December in the same 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>
AS/NZS 5667.11	means the Australian Standard AS/NZS 5667.11 <i>Water Quality – Sampling – Guidance on sampling of groundwaters</i>
averaging period	means the time over which a limit is measured, or a monitoring result is obtained.
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
Clean Fill	has the meaning defined in <i>Landfill Waste Classification and Waste Definitions 1996</i> (As amended December 2009), published by the CEO and as amended from time to time
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.

Term	Definition
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.
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
freeboard	means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point.
Green Waste'	means waste that originates from flora;
hardstanding	means a surface with a permeability of 10^{-9} metres/second or less;
Inert Waste Type 1	has the meaning defined in <i>Landfill Waste Classification and Waste Definitions 1996</i> (As amended December 2009), published by the CEO and as amended from time to time;
Inert Waste Type 2	has the meaning defined in <i>Landfill Waste Classification and Waste Definitions 1996</i> (As amended December 2009), published by the CEO and as amended from time to time;
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.
<i>Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009)'</i>	means the document entitled " <i>Landfill Waste Classification and Waste Definitions 1996</i> (As amended December 2009), published by the Chief Executive Officer and as amended from time to time.
NATA	means the National Association of Testing Authorities, Australia.
NATA accredited	means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis.
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: Figure 1 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
Putrescible	has the meaning defined in <i>Landfill Waste Classification and Waste</i>

Term	Definition
	<i>Definitions 1996</i> (As amended December 2009), published by the CEO and as amended from time to time.
quarantined storage area or container	means a hardstand storage area or sealed-bottom container that is separate and isolated from authorised waste disposal areas and is capable of containing all non-conforming waste and its constituents, these areas must be clearly marked and their access restricted to authorised personnel.
quarterly	means the four inclusive periods from 1 January to 31 March, 1 April to 30 June, 1 July to 30 September and 1 October to 31 December.
Schedule 1	means Schedule 1 of this Licence unless otherwise stated.
six monthly	means the two inclusive periods from 1 January to 30 June and 1 July to 31 December in the same year.
spot sample	means a discrete sample representative at the time and place at which the sample is taken.
tipping area	means the area of the landfill in which waste other than cover material is being deposited.
waste	has the same meaning given to that term under the EP Act.
µS/cm	means micro siemens per centimetre.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The Premises is shown in the map below. The pink line depicts the Premises boundary. The evaporation basins are depicted in blue. The landfill area is outlined in red. The Potentially Acid Forming (PAF) material encapsulation cell is outlined in green.



Figure 1: Map of the boundary of the prescribed premises

L8837/2014/2 (Amendment Date: 21 November 2025)

Map of storage and monitoring locations

The location of the storage areas defined in Table 1.1.5 are shown below. The locations of the monitoring points defined in Table 3.3.1 are shown below.



Figure 2: Map of storage and monitoring locations

L8837/2014/2 (Amendment Date: 21 November 2025)

Map of point source emissions to groundwater

The locations of dewatering discharge defined in Table 2.2.1 are shown below.

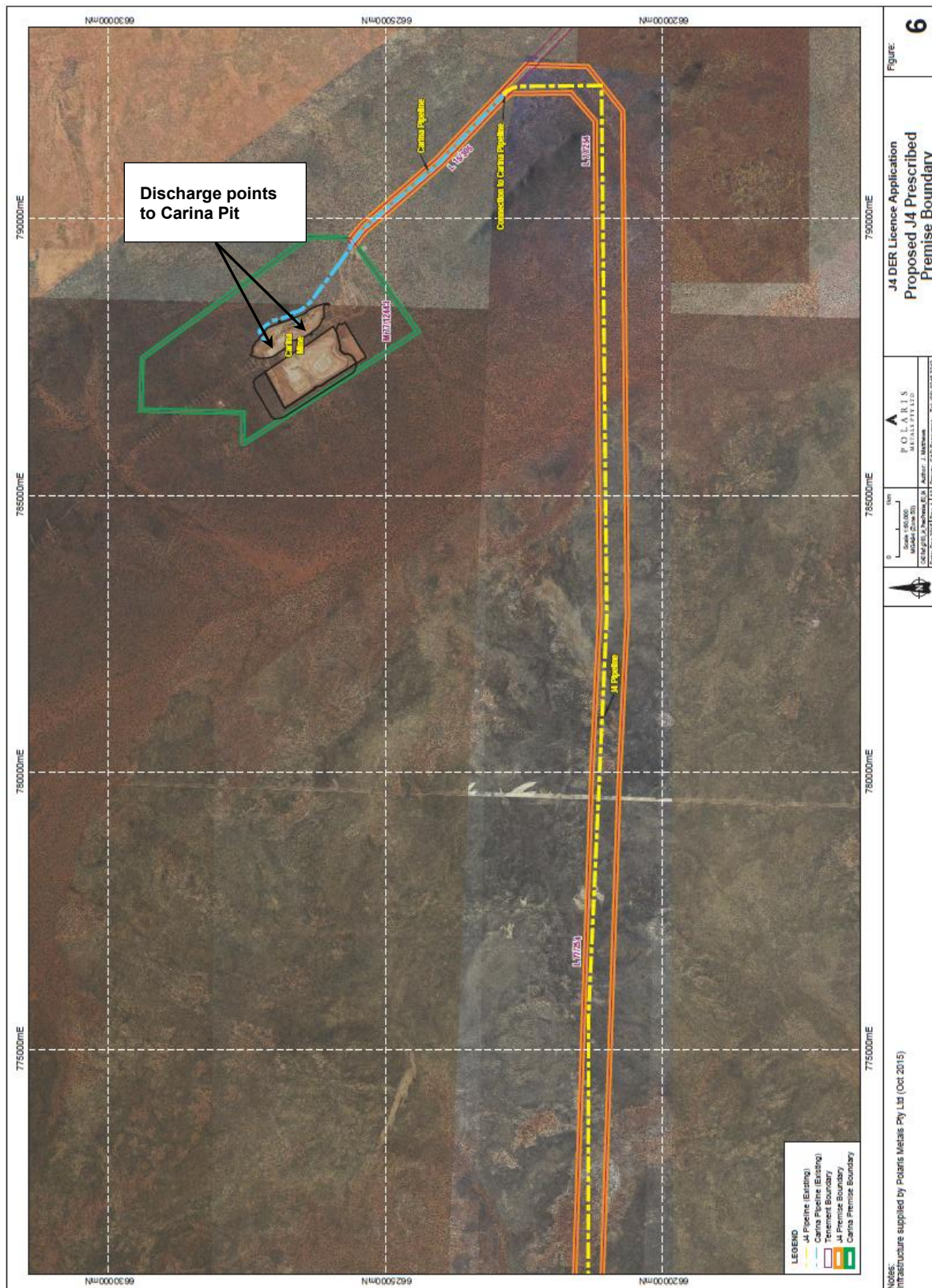


Figure 3: Map of point source emissions to groundwater

L8837/2014/2 (Amendment Date: 21 November 2025)

Schedule 2: Reporting & notification forms

Licence: L8837/2014/2

Licensee: Yilgarn Iron Investments Pty Ltd

Form: N1

Date of breach:

Notification of detection of the breach of a limit.

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

Part A

Licence Number	
Name of operator	
Location of Premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference / source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of Yilgarn Iron Investments Pty Ltd	
Date	