



<b>Licence number</b>	L8151/2005/2
<b>Licence holder</b>	Round Oak Jaguar Pty Ltd
<b>ACN</b>	060 620 751
<b>Registered business address</b>	Level 2, 160 Pitt Street SYDNEY NSW 2000
<b>DWER file number</b>	2012/006866
<b>Duration</b>	03/13/2013 to 02/04/2025
<b>Date of amendment</b>	02/02/2021
<b>Premises details</b>	Jaguar Operation Mining Tenements M37/44, M37/515, M37/1132, M37/1153, M37/1228, M37/1230, M37/1257, M37/1290 and M37/1301  LEONORA WA 6438 (as depicted in Schedule 1)

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.	3,200,000 tonnes per year
Category 6: Mine dewatering: premises on which water is extracted and discharged into the environment to allow mining of ore.	500,000 tonnes per year

This amended licence is granted to the licence holder, subject to the attached conditions, on  
2 February 2021, by:

**A/MANAGER, RESOURCE INDUSTRIES  
REGULATORY SERVICES**

*An officer delegated by the CEO under section 20 of the EP Act*

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## Introduction

This Introduction is not part of the Licence conditions.

## DWER's industry licensing role

The Department of Water and Environment Regulation (DWER) is a government department for the state of Western Australia in the portfolio of the Minister for Environment. DWER's purpose is to advise on and implement strategies for a healthy environment for the benefit of all current and future Western Australians.

DWER has responsibilities under Part V of the Environmental Protection Act 1986 (the Act) for the licensing of prescribed premises. Through this process DWER works with the business owners, community, consultants, industry and other representatives to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DWER also monitors and audits compliance with works approvals and licence conditions, takes enforcement action as appropriate and develops and implements licensing and industry regulation policy.

## Licence requirements

This Licence is issued under Part V of the Act. Conditions contained within the Licence relate to the prevention, reduction or control of emissions and discharges to the environment and to the monitoring and reporting of them.

Where other statutory instruments impose obligations on the Premises/Licence Holder the intention is not to replicate them in the licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link:

<http://www.slp.wa.gov.au/legislation/statutes.nsf/default.html>

For your Premises relevant statutory instruments include but are not limited to obligations under the:

- *Environmental Protection (Unauthorised Discharges) Regulations 2004* – these Regulations make it an offence to discharge certain materials such as contaminated stormwater into the environment other than in the circumstances set out in the Regulations.
- *Environmental Protection (Controlled Waste) Regulations 2004* - these Regulations place obligations on you if you produce, accept, transport or dispose of controlled waste.
- *Environmental Protection (Noise) Regulations 1997* – these Regulations require noise emissions from the Premises to comply with the assigned noise levels set out in the Regulations.

You must comply with your licence. Non-compliance with your licence is an offence and strict penalties exist for those who do not comply.

Licence holders are also reminded of the requirements of section 53 of the Act which places 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.

## Licence fees

If you have a licence that is issued for more than one year, you are required to pay an annual licence fee prior to the anniversary date of issue of your licence. Non payment of annual

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licence fees will result in your licence ceasing to have effect meaning that it will no longer be valid and you will need to apply for a new licence for your Premises.

## Ministerial conditions

If your Premises has been assessed under Part IV of the Act you may have had conditions imposed by the Minister for Environment. You are required to comply with any conditions imposed by the Minister.

## Premises description and licence summary

The Jaguar Operation (Jaguar) is located approximately 50km north of Leonora on the Goldfields Highway.

Ore is mined from the Jaguar, Bentley and Triumph underground operations adjacent to the base metals concentrator plant. The final saleable products are copper and zinc concentrates. The concentrates are transported to Geraldton and exported from the Geraldton port. The facility has the capacity to process 3,200,000 wet tonnes of ore per year.

The main emissions generated at the Jaguar Operation are tailings and mine dewater. Tailings from the concentrator are piped to the tailings storage facility (TSF) and sub aerally deposited. Tailings liquor is collected at the central decant pond or underdrainage wells. This liquid is pumped back to the process water tanks for reuse in ore processing.

Mine dewater from underground is pumped to the process water pond or diverted to the disused Teutonic Bore open pit for disposal.

The Licence was amended on 24 June 2020 to:

- remove the requirement to operate recovery bores at TSF1;
- exclude TSF1 bore 06JGMB006 from standing water level monitoring and water sample analysis requirements;
- change the water sample analysis frequency of the TSF1 monitoring bores;
- change the standing water level monitoring frequency of the TSF1 monitoring bores;
- change the standing water level monitoring frequency of the Teutonic bore pit; and
- change of the occupier from Independence Jaguar Limited to Round Oak Jaguar Pty Ltd.

At the time, DWER also consolidated the Licence by incorporating changes made under the following Amendment Notices:

- Amendment Notice 1, issued on 8 March 2017; and
- Amendment Notice 2, issued on 25 August 2017.

This amendment has been initiated by the CEO to rectify administrative errors which were unintentionally included in Table 3.8.1 of the amended licence L8151/2005/2 which was granted on 24 June 2020. The scope of the administrative amendment limited to rectifying the ambient groundwater monitoring requirements for TSF1 and TSF2 as specified in Table 3.8.1 of the amended licence.

The Licence Holder, under a previous business name 'Jabiru Metals Limited', has two separate registrations (not included on Schedule 1 Part 1 Licence):

- Category 85: Sewage Facility (DWER record no: A1865616)
- Category 89: Putrescible Landfill Site (DWER record no: A651267)

The licences, works approvals and registrations issued for the premises are:

Date	Reference number	Summary of changes
W4134/2005/1	17/10/2005	Works approval for the construction of a base metals concentrator plant
W4268/2006/1	18/09/2006	Works approval for the construction of TSF1
L8151/2005/1	3/7/2007	Licence application for category 5 (processing metallic ore)
R1980/2008/1	4/8/2008	Registration for category 89 (putrescible landfill)
R1983/2008/1	4/9/2008	Registration for category 85 (sewage facility)
W4753/2010/1	8/10/2010	Works approval for construction of a heavy media separator
W4969/2011/1	8/8/2011	Works approval for an embankment lift on TSF1
W5262/2012/1	21/3/2013	Works approval for the construction of TSF2
L8151/2005/2	3/04/2013	Reissuing of L8151/2005/2
W5262/2012/1	1/08/2013	Works approval amendment
L8151/2005/2	23/08/2013	Licence amendment to include TSF2
L8151/2005/2	19/12/2013	Licence amendment to increase premises production and emissions to land to emission points L1 and L2
L8151/2005/2	1/05/2014	Licence amendment for an extension of the date of completion for compliance with condition 4.1.1 until 30 June 2014
L8151/2005/2	1/05/2014	Licence amendment to remove emissions to land limits
L8151/2005/2	2/07/2015	Licence amendment to change name and increase throughput
L8151/2005/2	8/03/2017	Amendment Notice 1 Licence amendment to allow for stage 2 for the TSF2 raise
L8151/2005/2	25/08/2017	Amendment Notice 2 Licence amendment for an additional water source, as well as the construction and operation of a new dewatering pipeline between the Triumph underground mine and the Teutonic Bore pit
L8151/2005/2	24/06/2020	Licence Amendment for <ul style="list-style-type: none"> <li>removal of requirement to operate recovery bores at TSF1.</li> <li>alter monitoring of ambient groundwater quality at TSF1</li> <li>alter monitoring of point source emissions to groundwater and frequency of standing water level measurement at Teutonic bore pit</li> </ul>

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		Consolidation of the Licence and Amendment Notices 1 and 2.
L8151/2005/2	02/02/2021	<p>DWER initiated licence amendment for updating Table 3.8.1- Ambient groundwater quality monitoring as specified below:</p> <ul style="list-style-type: none"> <li>Monitoring frequency of standing water levels at TSF1 monitoring bores rectified to - <i>quarterly</i>;</li> <li>Monitoring frequency for ambient groundwater sampling from monitoring bores associated with TSF1 rectified to- <i>biannually</i>;</li> <li>Monitoring frequency for standing water levels and ambient groundwater sampling and analysis from monitoring bores associated with TSF2 has been reinstated to previously authorised monitoring frequency;</li> <li>Standing water levels at TSF2 bores are to be measured monthly.</li> <li>Groundwater sampling and analysis at TSF2 bores is to be undertaken quarterly.</li> </ul> <p>In addition, Schedule 2: Form N1 has been updated to include 'Part B' which was erroneously excluded from previous version of the licence.</p>

## Severance

It is the intent of these licence conditions that they shall operate so that, if a condition or a part of a condition is beyond the power of this licence to impose, or is otherwise ultra vires or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within the power of this licence to impose and are not otherwise ultra vires or invalid.

## END OF INTRODUCTION

## Licence conditions

### 1 General

#### 1.1 Interpretation

1.1.1 In the licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 In the licence, unless the contrary intention appears:

**‘Act’** means the *Environmental Protection Act 1986*;

**‘AHD’** means the Australian height datum;

**‘Anniversary Date’** means 30 June each year

**‘Annual Period’** means a 12 month period commencing from 1 July until 30 June in the following year;

**‘Annual Audit Compliance Report’** means a report in a format approved by the CEO as presented by the Licence Holder or as specified by the CEO from time to time and published on the Department’s website

**‘APHA-AWWA-WEF’** means American Public Health Association – American Water Works Association – Water Environment Federation;

**‘AS/NZS 5667.1’** means the Australian Standard AS/NZS 5667.1 *Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples*;

**‘AS/NZS 5667.11’** means the Australian Standard AS/NZS 5667.11 *Water Quality – Sampling – Guidance on sampling of groundwaters*;

**‘averaging period’** means the time over which a limit or target is measured or a monitoring result is obtained;

**‘bioremediation of hydrocarbon-contaminated soils guideline’** means the Department of Environment, October 2004, *Bioremediation of hydrocarbon-contaminated soils in Western Australia*;

**‘CEO’** means Chief Executive Officer;

**‘CEO’** for the purposes of notification means;  
Director General  
Department Administering the Environmental Protection Act 1986  
Locked Bag 10  
JOONDALUP DC WA 6919

**‘code of practice for the storage and handling of dangerous goods’** means the document titled “Storage and handling of dangerous goods: Code of Practice” published by the Department of Mines and Petroleum, as amended from time to time;

**‘controlled waste’** has the definition in Regulation 2 of the Environmental Protection (Controlled Waste) Regulations 2004;

**‘dangerous goods’** has the meaning defined in the Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007;

**‘Department’** means the department established under s.35 of the Public Sector Management Act 1994 and designated as responsible for the administration of Division 3 Part V of the Environmental Protection Act 1986

**‘environmentally hazardous material’** means material (either solid or liquid raw materials, materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-products and waste) which if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods where they are stored in quantities below placard quantities. The storage of dangerous goods above placard quantities is regulated by the Department of Mines, Industry Regulation and Safety;

**‘freeboard’** means the distance between the maximum water surface elevations and the top of retaining banks or structures;

**‘Licence’** means this Licence numbered L8151/2005/2 and issued under the Act;

**‘Licence Holder’** means the person or organisation named on page 1 of the Licence;

**‘mbgl’** means metres below ground level;

**‘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;

**‘operational freeboard’** has the meaning defined in the standards for safe design and operating for tailings storage;

**‘placard quantity’** has the meaning defined in the Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007;

**‘Premises’** means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence;

**‘quarterly period’** means the four inclusive periods from February, August, November and May;

**‘standards for safe design and operating for tailings storage’** means Department of Mines and Petroleum, 1999, Safe design and operating standards for tailings storage: Environment, Department of Mines and Petroleum, Western Australia;

**‘Schedule 1’** means Schedule 1 of this licence unless otherwise stated;

**‘Schedule 2’** means Schedule 2 of this licence unless otherwise stated;

**‘shut-down’** means the period when plant or equipment is brought from normal operating conditions to inactivity;

**‘SWL’** means standing water level;

**‘TSF’** means an engineered containment pond or dam used to store tailings; and

**‘usual working day’** means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia.

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the standard in force from time to time during the term of this Licence.

1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.

## **1.2 General Conditions**

1.2.1 Nothing in this Licence shall be taken to authorise any emission that is not mentioned in this licence, where the emission amounts to:

- (a) pollution;
- (b) unreasonable emission;
- (c) discharge of waste in circumstances likely to cause pollution; or
- (d) being contrary to any written law.

1.2.2 The Licence Holder shall maintain all pollution control and monitoring equipment to the manufacturer’s specification or any relevant and effective internal management system.

1.2.3 The Licence Holder, except where storage is prescribed in section 1.3, shall ensure that environmentally hazardous materials are stored in accordance with the code of practice for the storage of dangerous goods.

1.2.4 The Licence Holder shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.

1.2.5 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.<sup>1</sup>

Note1: The Environmental Protection (Unauthorised Discharges) Regulations 2004 make it an offence to discharge certain materials into the environment.

## **1.3 Premises operation**

1.3.1 The Licence Holder shall ensure that any dewatering effluent shall only be disposed of in the following manner;

- (a) used for dust suppression in a manner that minimises damage to surrounding vegetation; or,
- (b) is discharged to the previously mined pit called Teutonic bore pit.



1.3.2 The Licence Holder shall ensure that tailings and tailings return water, and mine dewater are only discharged into containment cells provided with the infrastructure detailed in Table 1.3.2.

<b>Table 1.3.2: Containment infrastructure</b>		
<b>Containment cell or dam number(s)</b>	<b>Material</b>	<b>Infrastructure requirements</b>
TSF1 and TSF2	Tailings	Lined with 300mm of clay to achieve a permeability of at least $<10^{-8}$ m/s or equivalent. Central decant pond to recover process water
Process water tank	TSF decant return water and mine dewater	Impermeable storage vessel

1.3.3 The Licence Holder shall install telemetry systems and pressure sensors along pipelines carrying environmentally hazardous substances to allow the detection of leaks and failures.

1.3.4 The Licence Holder shall manage TSFs such that:

- (a) an operational freeboard of 300mm is maintained in accordance with the standards for safe design and operating of tailings storage;
- (b) a seepage collection and recovery system is provided and used to capture seepage from the TSF;
- (c) the primary discharge point for seepage return water is the TSF 2 decant pond;
- (d) where the process water tank cannot accept seepage water, seepage water may be returned directly to the TSF decant pond;
- (e) methods of operation minimise the likelihood of erosion of the embankments by wave action; and
- (f) the supernatant pond on the TSF is minimised as far as possible.

1.3.5 The Licence Holder shall:

- (a) undertake inspections as detailed in Table 1.3.5;
- (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.

<b>Table 1.3.5: Inspection of infrastructure</b>		
<b>Scope of inspection</b>	<b>Type of inspection</b>	<b>Frequency of inspection</b>
Tailings pipelines	Visual integrity	Twice daily
Tailings return water lines	Visual integrity	Twice daily
Embankment freeboard	Visual to confirm required freeboard capacity is available	Daily

Table 1.3.5: Inspection of infrastructure		
Scope of inspection	Type of inspection	Frequency of inspection
Dewatering pipeline	Visual integrity	Twice daily

1.3.6 The Licence Holder shall undertake an annual water balance for any active TSF in the annual period. The water balance shall as a minimum consider the following:

- (a) site rainfall;
- (b) evaporation;
- (c) tailings return water recovery volumes;
- (d) seepage recovery volumes; and
- (e) volumes of tailings deposited.

1.3.7 The Licence Holder shall ensure that the construction and management of the bioremediation facility is done in accordance with the bioremediation of hydrocarbon-contaminated soils guideline.

1.3.8 The Licence Holder shall construct the Triumph pipeline in accordance with the requirements specified in the infrastructure requirements detailed in Table 1.3.8. The Licence Holder must not depart from the requirements specified in Table 1.3.8:

- (a) where such departures are minor in nature and do not materially change or affect the infrastructure; or
- (b) where such departure improves the functionality of the infrastructure and does not increase the risks to public health, public amenity or the environment;
- (c) and all other conditions in this Licence are still satisfied.

Table 1.3.8: Infrastructure requirements	
Infrastructure	Requirements (design and construction)
Triumph Project dewatering pipeline	<p>Pipeline corridor approximately 1,120 m length between the Triumph Boxcut and Teutonic Bore pit containing up to 2 pipelines.</p> <p>Pipeline built in a bunded corridor along existing disturbed areas parallel to the main access track with any spillage reporting directly to the Teutonic Bore pit.</p> <p>Pipeline constructed of high density polyethylene up to a maximum of 300 mm diameter.</p> <p>Design capacity of pipelines will be 100 litres per second (L/s) to accommodate a maximum surge of 100 L/s with an expected nominal dewatering rate of 29 L/s.</p>

1.3.10 The Licence Holder shall operate TSF2 and the Triumph Project dewatering pipeline in accordance with the conditions of this Licence, following submission of the construction compliance document required under condition 5.3.1.

## 2 Emissions

### 2.1 General

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

### 2.4 Point source emissions to groundwater

2.4.1 The Licence Holder shall ensure that where dewatering effluent is emitted to groundwater from the emission points in Table 2.4.1 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this licence.

Table 2.4.1: Emission points to groundwater		
Emission point reference on map of emission points	Description	Source including abatement
Teutonic bore pit	Infiltration of mine dewater into aquifer	Water from dewatering of Jaguar, Bentley and Triumph underground mines

### 2.6 Fugitive emissions

2.6.1 The Licence Holder shall use all reasonable and practical measures to prevent and where that is not practicable to minimise dust emissions from the premises.

2.6.2 The Licence Holder shall ensure that no visible dust generated by the activities on the premises crosses the boundary of the premises.

## 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; and
- (c) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured (unless indicated otherwise in relevant table).

3.1.2 The Licence Holder shall ensure that:

- (a) monthly monitoring is undertaken at least 15 days apart; and
- (b) quarterly monitoring is undertaken at least 45 days apart.
- (c) biannual monitoring is undertaken at least 90 days apart.

3.1.3 The Licence Holder shall record production or throughput data and any other process parameters relevant to any non-continuous or CEMS monitoring undertaken.

### 3.4 Monitoring of point source emissions to groundwater

3.4.1 The Licence Holder shall undertake the monitoring in Table 3.4.1 according to the specifications in that table.

Table 3.4.1: Monitoring of point source emissions to groundwater				
Emission point reference	Parameter	Units	Averaging Period	Frequency
Teutonic Bore Pit	Volume of dewatering water	kL	Continuous	Monthly
	Standing water level (in-pit)	mbgl	Spot sample	Biannual (February and August)

### 3.7 Process monitoring

3.7.1 The Licence Holder shall undertake the monitoring in Table 3.7.1 according to the specifications in that table.

Table 3.7.1: Process monitoring					
Monitoring point reference	Process description	Parameter	Units	Frequency	Method
Teutonic Bore Pit	Tailings delivery to TSF	Volume of tailings deposited into the TSF	Monthly	Monthly	None specified
-	TSF return line	Volumes of water recovered from the TSF	kL	Monthly	None specified
-	-	Volume of seepage water recovered from the TSF	kL	Monthly	None specified

### 3.8 Ambient environmental quality monitoring

3.8.1 The Licence Holder shall undertake the monitoring in Table 3.8.1 according to the specifications in Table 3.8.1 and record and investigate results that do not meet any target specified.

**Table 3.8.1: Monitoring of ambient groundwater quality**

Monitoring point reference and location	Parameter	Target	Limit	Units	Average period	Frequency
TSF1 06JGMB001, 06JGMB002, 06JGMB003, 06JGMB004, 06JGMB005, 07JGMB007, 10JGMB008, 10JGMB009, 10JGMB0010 10JGMB0012	Standing water level	6	4	metres below ground level (mbgl)	Spot sample	Quarterly (February, May, August, and November)
	cobalt (Co), nickel (Ni), mercury (Hg), antimony (Sb), copper (Cu), zinc (Zn), lead (Pb), thallium (Tl), cadmium (Cd), arsenic (As), selenium (Se), sulfate ( $\text{SO}_4^{2-}$ ), chloride ( $\text{Cl}^-$ ), sodium ( $\text{Na}^+$ ), potassium ( $\text{K}^+$ ), calcium ( $\text{Ca}^{2+}$ ), magnesium ( $\text{Mg}^{2+}$ ), carbonate ( $\text{CO}_3^{2-}$ ) and bi-carbonate ( $\text{HCO}_3^-$ )	-	-	mg/L	Spot sample	Biannual (February and August)
	pH <sup>1</sup>	-	-	-		
	Total dissolved solids	-	-	(uS/cm)		
	Total alkalinity <sup>1</sup>	-	-	mg/L		
	Total acidity <sup>1</sup>	-	-	mg/L		
TSF2 12JGMB013, 12JGMB014, 12JGMB015, 12JGMB016, 12JGMB017, 12JGMB018, 12JGMB019, 12JGMB020, 12JGMB021, 12JGMB022, 12JGMB023, 12JGMB024	Standing water level	6	4	metres below ground level (mbgl)	Spot sample	Monthly
	cobalt (Co), nickel (Ni), mercury (Hg), antimony (Sb), copper (Cu), zinc (Zn), lead (Pb), thallium (Tl), cadmium (Cd), arsenic (As), selenium (Se), sulfate ( $\text{SO}_4^{2-}$ ), chloride ( $\text{Cl}^-$ ), sodium ( $\text{Na}^+$ ), potassium ( $\text{K}^+$ ), calcium ( $\text{Ca}^{2+}$ ), magnesium ( $\text{Mg}^{2+}$ ), carbonate ( $\text{CO}_3^{2-}$ ) and bi-carbonate ( $\text{HCO}_3^-$ )	-	-	mg/L	Spot sample	Quarterly (February, May, August, and November)
	pH <sup>1</sup>	-	-	-		
	Total dissolved solids	-	-	(uS/cm)		
	Total alkalinity <sup>1</sup>	-	-	mg/L		
	Total acidity <sup>1</sup>	-	-	mg/L		

Note 1: In-field non-NATA accredited analysis permitted.

## 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 waters.

5.1.2 The Licence Holder shall ensure that:

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

5.1.3 The Licence Holder must submit to the CEO within 120 days after the Anniversary Date, an Annual Audit Compliance Report indicating the extent to which the Licence Holder has complied with the conditions in this Licence for the Annual Period.

5.1.4 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.

### 5.2 Reporting

5.2.1 The Licence Holder shall submit to the CEO an Annual Environmental Report within 120 calendar days after 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
-	Summary of any failure or malfunction of any pollution control equipment or any incidents that have occurred during the year and any action taken	None specified
5.1.3	Compliance	None specified
5.1.4	Complaints summary	None specified

<b>Table 5.2.1: Annual Environmental Report</b>		
<b>Condition or table (if relevant)</b>	<b>Parameter</b>	<b>Format or form</b>
Table 3.5.1	Standing water levels and volumetric flow rate of mine dewater in Teutonic Bore pit	Tabular
Table 3.7.1	Mass of tailings deposited into TSF1 and TSF2, recovered water and recovered seepage water	Tabular
Table 3.8.1	Monitoring of ambient groundwater levels and quality	Tabular and graphical with all available historic data

5.2.2 The Licence Holder shall ensure that its Annual Environmental Report also contains:

- (a) any relevant process, production or operational data recorded under condition 3.13;
- (b) an assessment of the information contained within the report against previous monitoring results and licence limits and/or targets; and
- (c) a list of any original monitoring reports submitted to the Licence Holder from third parties for the annual period and make these reports available on request.

### 5.3 Notification

5.3.1 The Licence Holder shall ensure that the parameters listed in Table 5.3.1 are notified to the CEO in accordance with the notification requirements of the table.

<b>Table 5.3.1: Notification requirements</b>			
<b>Condition or table</b>	<b>Parameter</b>	<b>Notification requirement<sup>1</sup></b>	<b>Format or form<sup>2</sup></b>
2.1.1, 3.4.1 and 3.8.1	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	N1
1.3.10	The Licence Holder shall submit a construction compliance document to the CEO, following construction of the Triumph Project dewatering pipeline. The compliance document shall:  (a) Clearly detail how the Triumph Project dewatering pipeline has been constructed to	Within 7 days after the completion of construction	None specified

Table 5.3.1: Notification requirements			
Condition or table	Parameter	Notification requirement <sup>1</sup>	Format or form <sup>2</sup>
	<p>meet the infrastructure requirements of Condition 1.3.8 and identify any departures;</p> <p>(b) Be certified by a qualified professional engineer stating that each item of infrastructure specified in Table 1.3.8 has been constructed in accordance with the conditions of the Licence with no material defects</p> <p>(c) Be signed by a person authorised to represent the Licence Holder and contain the printed name and position of that person within the company.</p>		

Note 1: Notification requirements in the licence shall not negate the requirement to comply with s72 of the Act.

Note 2: Forms are in Schedule 2

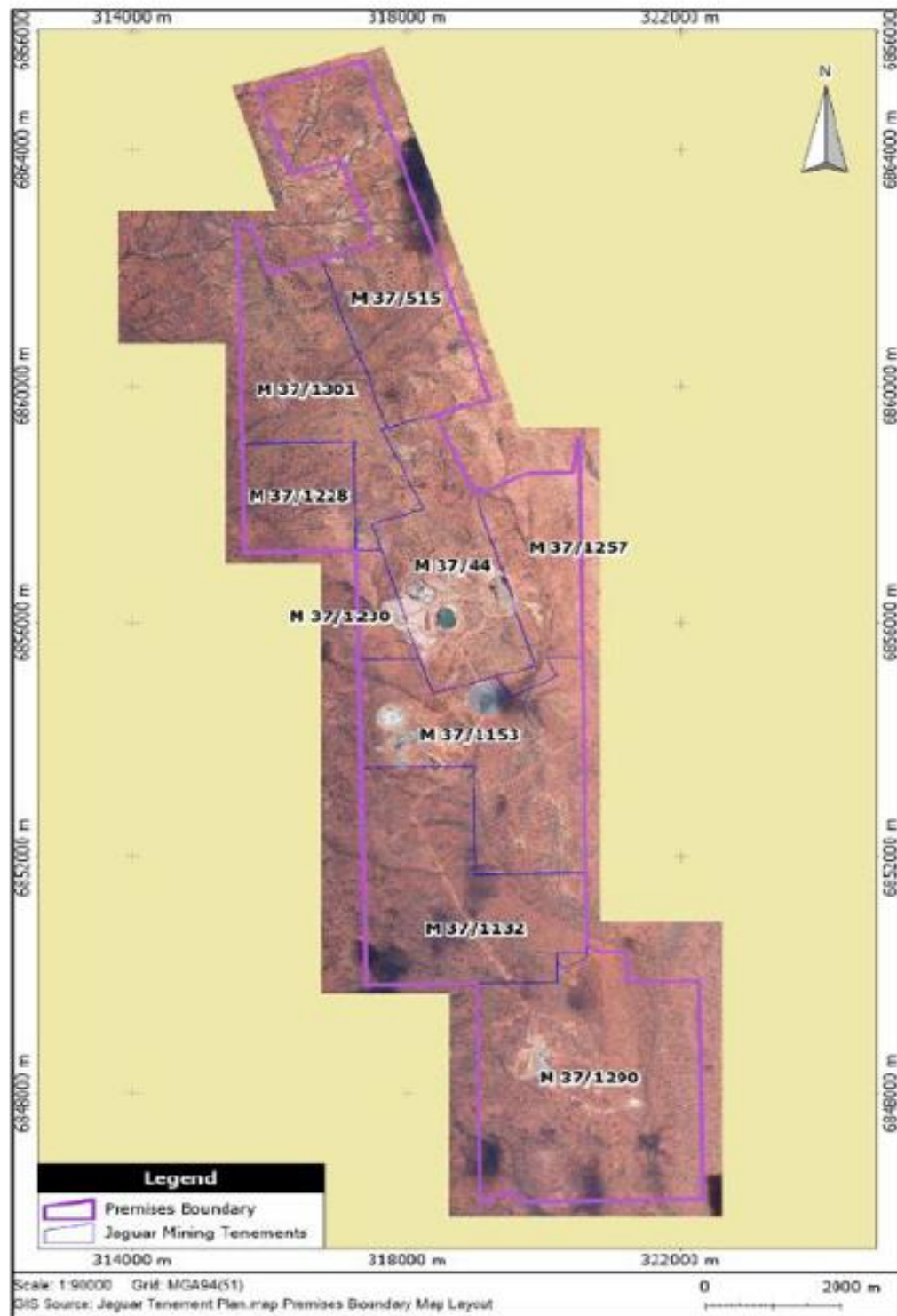


## Schedule 1: Maps

### Premises map

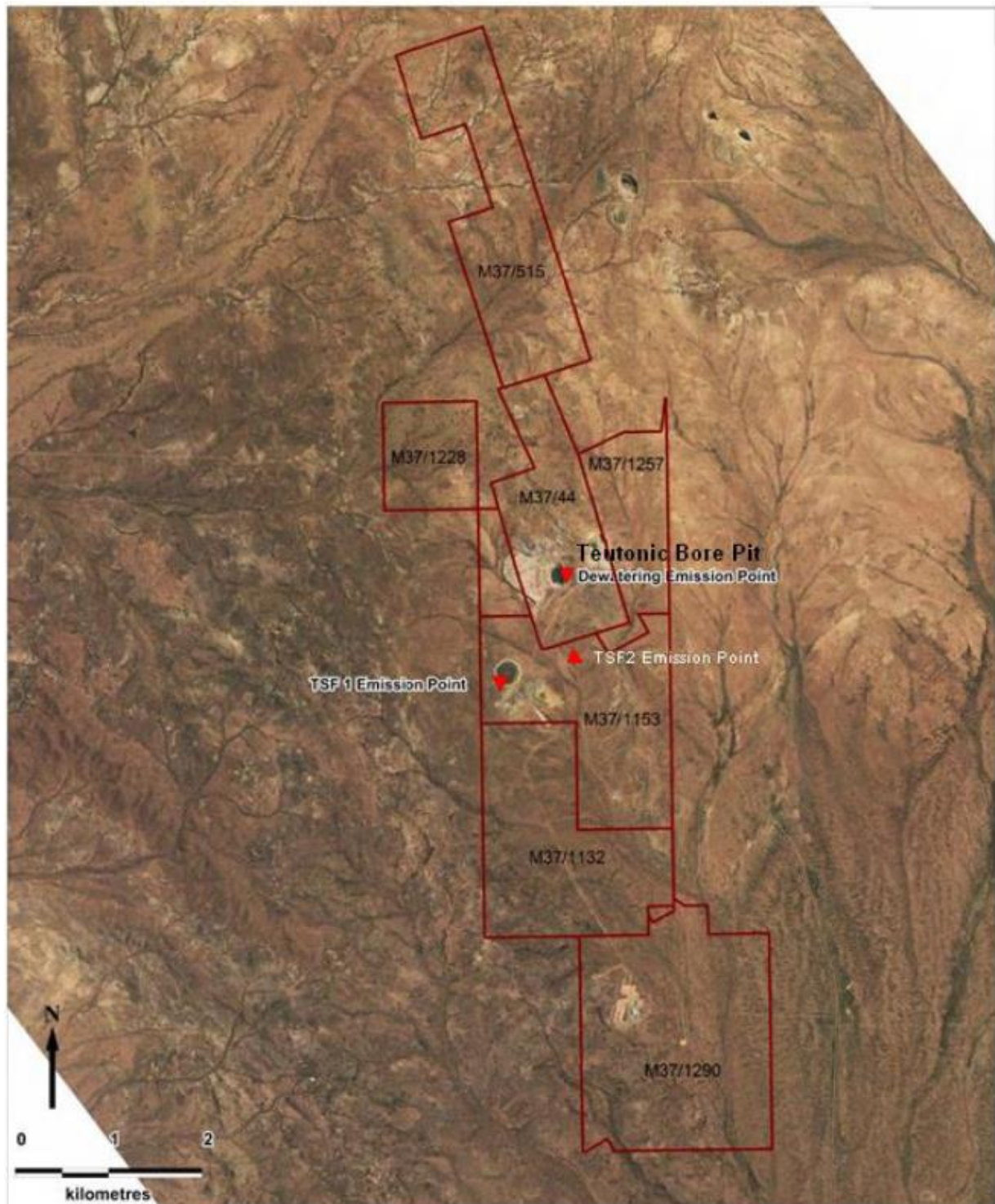
The Premises is shown in the map below. The pink line depicts the Premises boundary.

**Figure 1: Map of the boundary of the prescribed premises**



### Map of emission points

The locations of the emission points defined in Table 2.4.1 are shown below





## Map of monitoring locations

The locations of the monitoring points defined in Table 3.8.1 (for TSF 1) are shown below.





The locations of the monitoring points defined in Table 3.8.1 (for TSF 2) are shown below.



## Schedule 2: Reporting and notification forms

These forms are provided for the proponent to report monitoring and other data required by this licence. They can be requested in an electronic format.

Copies of the original monitoring reports must also be submitted.

Licence: L8151/2005/2  
Form: N1

Licence Holder: Round Oak Jaguar Pty Ltd  
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 Round Oak Jaguar Pty Ltd	
Date	