



**Licence Number** L5646/1994/10

**Licence Holder** Iluka Resources Limited  
**ACN** 008 675 018

**Registered business address** Level 17, 240 St Georges Terrace  
PERTH WA 6000

**File Number** DER2016/000799-1

**Duration** 01/04/2015 to 30/01/2031

**Date of amendment** 07/02/2020

**Premises details** Eneabba Mineral Sands Mine  
Brand Hwy  
Eneabba WA 6518  
Being part of mining tenements AM70/2667 and  
M70/879  
As defined in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	Assessed production / design capacity
Category 8: Mineral sands mining or processing: premises on which mineral sands ore is mined, screened, separated or otherwise processed.	18,600,000 tonnes per annual period
Category 63: Class I inert landfill site: premises (other than clean fill premises) on which waste of a type permitted for disposal for this category of prescribed premises, in accordance with the Landfill Waste Classification and Waste Definitions 1996, is accepted for burial.	5,000 tonnes per annual period

This Licence is granted to the Licence Holder, subject to the following conditions, on 07/02/2020, by:

**Lauren Fox**  
**A/MANAGER – RESOURCE INDUSTRIES**

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

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## Introduction

This Introduction is not part of the Licence conditions.

### DWER's industry licensing role

The Department of Water and Environmental 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 regulates 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 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 premises is a large scale, low grade heavy mineral sands mine located at Eneabba on the northern Swan Coastal Plain, approximately 280 km north of Perth. It is predominantly located on ecologically fragile Crown land in an area characterised by low rainfall and sandy soils. The Newman Concentrator is located adjacent to the Eneabba town site (population 118), with several rural receptors within proximity to the large (22,000 ha) tenement boundary.

The site is currently in an idle condition, with all production activity ceasing in March 2013. Rehabilitation works, maintenance and environmental monitoring has been ongoing. Ore remains to be mined in the area; approvals are currently being sought to develop and mine a new deposit, IPL North, which is located immediately east and south of the Eneabba town site; however the recommencement of mining ultimately depends on market conditions.

### Amendment January 2020

The CEO initiated an amendment to the type and style of the Licence during January 2020 and issued a revised Licence consolidating changes made under Amendment Notices issued between 2016 to 2019 (as detailed in the instrument log below), where relevant. The obligations of the Licence Holder have not changed in making this amendment. During the consolidation of this amendment; DWER has not undertaken any additional risk assessment of the Premises.

In consolidating the licence, the CEO has:

- updated the format and appearance of the Licence;
- deleted the redundant AACR form set out in schedule 1 of the previous licence and advised the Licence Holder to obtain the form from the Department's website;
- revised licence condition's numbers, and removed any redundant conditions and realigned condition numbers for numerical consistency; and
- corrected clerical mistakes and unintentional errors.

The Licences and Works Approvals issued for the Premises under Division 3, Part V of the Act since 2007 are:

Instrument log		
Instrument	Issued	Description
L5646/1994/8	26/02/2007	Licence reissued. Issued for 3 years. Tyre disposal conditions removed; altered monitoring requirements for Max's dam.
L5646/1994/8	25/03/2010	Licence reissued. AACR condition added.
W5057/2011/1	01/12/2011	Works Approval for construction of a temporary 12 MW gas-fired power station.
L5646/1994/10	26/03/2015	Licence reissued.
L5646/1994/10	14/04/2016	Licence amendment to authorise disposal of monazite from Narngulu with ASS characteristics at the Eneabba Monazite Disposal Pit. Licence review and amendment, including update to the current licence format. Ambient monitoring conditions updated to specify the physical location.
L5646/1994/10	29/04/2016	Amendment by notice to extend duration of licence to 2031.
L5646/1994/10	20/10/2016	Amendment Notice 1: Licence amendment to relocate ambient air monitoring location 'AQ2'.
L5646/1994/10	22/08/2017	Amendment Notice 2: reduction of environmental monitoring requirements.
L5646/1994/10	24/04/2019	Amendment Notice 3: reduction of environmental monitoring requirements.
L5646/1994/10	07/02/2020	Amalgamation of amendment notices and some administrative corrections including updated Department's contacts. During this amalgamation no risk assessment of the Premises was undertaken.

## 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 For the purposes of this Licence, unless the contrary intention appears:

**‘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;

**‘Acid Sulfate Soils Management Plan’** means the document titled “Acid Sulfate Soils Management Plan – Midwest Operations – Eneabba Monazite Disposal Site”, prepared by RPS Group for Iluka Resources Limited and dated August 2015;

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

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

**‘Annual Period’** means the inclusive period from 1 January until 31 December in the same year;

**‘AS 3580.1.1’** means the Australian Standard AS 3580.1.1 *Methods for sampling and analysis of ambient air – Guide to siting air monitoring equipment*;

**‘AS 3580.9.8’** means the Australian Standard AS 3580.9.8 *Methods for sampling and analysis of ambient air - Determination of suspended particulate matter – PM<sub>10</sub> continuous direct mass method using tapered element oscillating microbalance analyser*;

**‘AS 3580.10.1’** means the Australian Standard AS 3580.10.1 *Methods for sampling and analysis of ambient air – Determination of particulate matter – deposited matter – gravimetric method*;

**‘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 5667.6’** means the Australian Standard AS/NZS 5667.6 *Water Quality – Sampling – Guidance on sampling of rivers and streams*;

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

**‘ASS’** means Acid Sulfate Soils, being soils or sediments which contain iron sulfides and/or other sulfuric minerals that have previously been oxidised to produce sulfuric acid (Actual Acid Sulfate Soils) or soils or sediments which contain iron sulfides and/or other sulfuric minerals that have not been oxidised (Potential Acid Sulfate Soils);

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

**‘Bq/g’** means the number of atomic disintegrations per second per gram of substance;

**‘CEO’** means Chief Executive Officer of the Department of Water and Environmental Regulation;

**‘CEO’** for the purpose of correspondence means;

Chief Executive Officer  
Department Administering the Environmental Protection Act 1986  
Locked Bag 10  
JOONDALUP DC WA 6027  
Telephone: (08) 6367 7000  
Facsimile: (08) 6367 7001  
Email: [info@dwer.wa.gov.au](mailto:info@dwer.wa.gov.au);

**‘CT1 criteria’** means the contaminate threshold (CT) values for a Class I landfill, as per Table 3 of the Landfill Definitions;

**‘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*

**‘Dust Management Plan’** means the document entitled “Dust Management Plan – Eneabba Operations”, prepared by Iluka Resources and dated June 2009;

**‘Iluka Mid West Operations’** means the Narngulu Synthetic Rutile Plant, Narngulu Mineral Separation Plant and Eneabba Mineral Sands Mine;

**‘Iluka South West Operations’** means the North Capel Synthetic Rutile Plant, North Capel Mineral Separation Plant and Tutunup South Mineral Sands Mine;

**‘Inert Waste Type 1’** has the same meaning given to that term in the Landfill Definitions and means a non-hazardous, non-biodegradable (half-life greater than 2 years) waste containing contaminant concentrations less than Class I landfill acceptance criteria but excluding paper and cardboard and materials that require treatment to render them inert (e.g. peat, acid sulfate soils);

**‘Landfill Definitions’** means the document titled “Landfill Waste Classification and Waste Definitions 1996” published by the Chief Executive Officer of the Department of Environment as amended from time to time;

**‘Licence’** means this Licence numbered L5646/1994/10 and issued under the Act;

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

**‘Monazite Concentrate’** means monazite-rich mineral produced at the company’s licensed mineral separation plants at Narngulu and North Capel;

**‘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;

**‘nuisance level’** means as defined in Victorian EPA Protocol for Environmental Management, Mining and Extractive industries (December 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;

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

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

**‘Special Waste Type 1’** has the same meaning given to that term in the Landfill Definitions and means waste which contains asbestos and asbestos cement products.

**‘spot sample’** means a discrete sample representative at the time and place at which the sample is taken;

**‘TEOM’** means tapered element oscillating microbalance or Continuous Ambient Particulate dust monitors

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

**‘µS/cm’** means microsiemens per centimetre.

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 Premises operation

- 1.2.1 The Licence Holder shall ensure that all thickener underflow, tailings and return water pipelines are:
- equipped with automatic cut-outs in the event of a pipe failure; or
  - provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspections; or
  - equipped with telemetry systems and pressure sensors along pipelines to allow the detection of leaks and failures.
- 1.2.2 The Licence Holder shall ensure that materials listed in Table 1.2.1 are only discharged into the corresponding infrastructure detailed in Table 1.2.1.

Table 1.2.1: Containment infrastructure		
Infrastructure	Material	Infrastructure description / requirements
Mined out voids, cells within operating pits, external TSFs	Sand and clay/slimes tails	<ul style="list-style-type: none"> <li>Constructed as an erosion resistant, non-polluting structure which is stable in the long-term;</li> <li>Decant overflow drains to the process water pond;</li> <li>Water levels to be maintained at least 500 mm below the top of the wall;</li> <li>Material shall only be disposed within voids, cells or TSFs as depicted on the Tailings map in Schedule 1.</li> </ul>
Process water pond	Process water <sup>1</sup>	<ul style="list-style-type: none"> <li>None specified.</li> </ul>

Note 1: Tails return water, recycled process water.

- 1.2.3 The Licence Holder shall:
- undertake inspections as detailed in Table 1.2.2;
  - 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
  - maintain a record of all inspections undertaken.

Table 1.2.2: Inspection of infrastructure		
Scope of inspection	Type of inspection	Frequency of inspection
Thickener underflow, tailings and return water pipelines	Visual integrity and leak assessment	Daily whilst operating
Mined out voids, cells within operating pits, external TSFs	Assessment of: <ul style="list-style-type: none"> <li>water levels;</li> <li>condition and functionality of the underflow drains;</li> <li>condition of walls; and</li> <li>pump operational characteristics.</li> </ul>	

- 1.2.4 The Licence Holder shall only dispose waste on the Premises if:
- it is of a type listed in Table 1.2.3;
  - the quantity is below any quantity limit listed in Table 1.2.3; and
  - it meets any specification listed in Table 1.2.3.



Table 1.2.3: Authorised waste types		
Waste type	Quantity limit tonnes/year	Specification
Inert Waste Type 1 Special Waste Type 1	5,000 (combined)	<ul style="list-style-type: none"> <li>Industrial, non-recyclable waste only, including construction and demolition wastes such as building materials, vent bags, non-recyclable packaging, etc.;</li> <li>Solid waste only;</li> <li>Waste generated from Iluka Mid West Operations only; and</li> <li>Contaminants must comply with CT1 criteria.</li> </ul>
Monazite Concentrate	75,000	<ul style="list-style-type: none"> <li>Generated from Iluka Mid West Operations and Iluka South West Operations only.</li> </ul>

1.2.5 The Licence Holder shall ensure that wastes disposed on the Premises are only subjected to the process(es) set out in Table 1.2.4 and in accordance with any process limits described in that Table.

Table 1.2.4: Waste processing		
Waste type	Process	Process limits
Inert Waste Type 1	Disposal of waste by burial	<ul style="list-style-type: none"> <li>Shall only take place within the "Yellow Dam", "Max's Dam" and the "120ASA pit", as depicted on the Waste Disposal map in Schedule 1; and</li> <li>No waste shall be burnt.</li> </ul>
Special Waste Type 1		<ul style="list-style-type: none"> <li>Must be separated from other wastes for disposal;</li> <li>Disposal must occur in a discrete asbestos disposal area within the "Yellow Dam", "Max's Dam" or the "120 ASA pit", as depicted on the Waste Disposal map in Schedule 1;</li> <li>Must be covered with a layer of at least 2 metres of soil as soon as practicable and no later than the end of the working day that it was disposed;</li> <li>A permanent record must be maintained of all disposal locations; and</li> <li>Must not be disposed within 2 metres of the final landform surface of the pit.</li> </ul>
Monazite Concentrate		<ul style="list-style-type: none"> <li>Shall only take place within the "Monazite Disposal Pit", as depicted on the Waste Disposal map in Schedule 1;</li> <li>Shall be disposed above the winter water table;</li> <li>Material with a pH of <math>\leq 4</math> and <math>\geq 9</math> shall be managed in accordance with section 5.0 of the Acid Sulfate Soils Management Plan, and disposed within a discrete location within the "Eneabba Monazite Disposal Pit".</li> </ul>

1.2.6 The Licence Holder shall ensure that sufficient cover is applied and maintained on landfilled wastes in accordance with Table 1.2.5.

Table 1.2.5: Cover requirements		
Waste type	Material	Timescale
Inert Waste Type 1	Clean fill or soil	<ul style="list-style-type: none"> <li>Monthly; and</li> <li>Waste with the potential to become windblown shall be covered as soon as practicable after deposit.</li> </ul>

Monazite Concentrate	Compacted overburden	<ul style="list-style-type: none"> <li>Immediately after disposal.</li> </ul>
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## 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 Fugitive emissions

- 2.2.1 The Licence Holder shall ensure fugitive emissions are managed in accordance with the parts of the document specified in Table 2.2.1.

Table 2.2.1: Management plans		
Management plan reference	Parts	Date of document
Dust Management Plan	<ul style="list-style-type: none"> <li>5.0 Implementation Strategy and Management Actions – Table 1 Summary of Management Actions for Dust</li> <li>6.0 Monitoring – Table 2 Summary of Dust Monitoring Program.</li> </ul>	April 2018

## 3 Monitoring

### 3.1 General monitoring

- 3.1.1 The Licence Holder shall ensure that:
- all water samples are collected and preserved in accordance with AS/NZS 5667.1;
  - all surface water sampling is conducted in accordance with AS/NZS 5667.6;
  - all groundwater sampling is conducted in accordance with AS/NZS 5667.11; and
  - all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.
- 3.1.2 The Licence Holder shall ensure that:
- fortnightly monitoring is undertaken at least 9 days apart;
  - monthly monitoring is undertaken at least 15 days apart;
  - quarterly monitoring is undertaken at least 45 days apart;
  - six-monthly monitoring is undertaken at least 5 months apart; and
  - annual monitoring is undertaken at least 9 months 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.
- 3.1.4 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 Process monitoring

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: Process monitoring					
Monitoring point reference	Process description	Parameter	Units	Frequency	Method
-	Processing of ore	Amount of ore processed	tonnes	Annual	None specified
-	Secondary process tailings disposal	Amount of Monazite Concentrate disposed on the Premises		Monthly	

### 3.3 Ambient environmental quality monitoring

3.3.1 The Licence Holder shall undertake the monitoring in Tables 3.3.1 – 3.3.4 according to the specifications in those tables.

Table 3.3.1: Monitoring of ambient groundwater quality				
Monitoring point reference <sup>1</sup>	Parameter	Unit	Averaging period	Frequency
GQ8 – GQ10	Standing Water Level <sup>2,3</sup>	mAHD	Spot sample	Quarterly
	pH <sup>2</sup>	No unit		
	Electrical conductivity @ 25°C <sup>2</sup>	µS/cm		
	Major ions: bicarbonate, calcium, chloride, magnesium, potassium, sodium, sulfate, total dissolved solids <sup>2</sup>	mg/L		
	Metals and metalloids: aluminum, arsenic, chromium (as CrVI and total Cr), cobalt, copper, iron, mercury, nickel, radium, radon, selenium, thallium, uranium, zinc		Annual	

Note 1: See cross reference of monitoring point reference with Iluka bore ID in Table 3.3.2.

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

Note 3: SWL to be determined prior to the collection of other samples.

Table 3.3.2 – Groundwater monitoring point references						
Monitoring point reference	Iluka ID	Area	SWL	pH, TDS, EC	Major ions	Metals and metalloids
GQ8	EM78	Monazite Pit	Quarterly	Quarterly	Quarterly	Annually
GQ9	EM90					
GQ10	EM91					

Table 3.3.3: Monitoring of ambient air quality					
Monitoring point reference <sup>1</sup>	Parameter	Unit	Frequency	Averaging period	Method
AQ1,2,4,5,7,8	TSP	g/m <sup>2</sup>	Continuous <sup>2</sup>	Monthly <sup>3</sup>	AS 3580.10.1

Note 1: See cross reference of monitoring point reference with Iluka ID in Table 3.3.4.

Note 2: Availability ≥90% of the measurement interval.

Note 3: During the period 1 October and ending 31 May the following year.

Table 3.3.4 - Ambient air monitoring point references				
Monitoring point reference	Iluka ID	Area	Parameter	Frequency
AQ1 (New background)	ENE1	Allied Tails	TSP	Continuous (deposition gauges)
AQ2	ENE2	03 Concentrator		
AQ4	ENE4	Brand HWY South		
AQ5	ENE5			
AQ7	ENE7	Allied Tails		
AQ8	ENE8	Eneabba Town		

## 4 Information

### 4.1 Records

- 4.1.1 All information and records required by the Licence shall:
- be legible;
  - if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
  - 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
  - for those following records, be retained until the expiry of the Licence and any subsequent licence:
    - off-site environmental effects; or
    - matters which affect the condition of the land or waters.
- 4.1.2 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 annual period.
- 4.1.3 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.

## 4.2 Reporting

- 4.2.1 The Licence Holder shall submit to the CEO an Annual Environmental Report by 15 March in each year. 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	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
-	Amount of overburden removed, ore processed, HMC produced, tails returned to mine voids, Monazite Concentrate disposed on the premises during the reporting period	
Table 3.2.1	Process monitoring	
Table 3.3.1 & 3.3.2	Monitoring of ambient groundwater water quality	
Table 3.3.3 & 3.3.4	Monitoring of ambient air quality	
4.1.2	Compliance	AACR
4.1.3	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 and Licence limits.
- 4.2.3 The Licence Holder shall submit the information in Table 4.2.2 to the CEO according to the specifications in that table.

Table 4.2.2: Non-annual reporting requirements				
Condition or table	Parameter	Reporting period	Reporting date (after end of the reporting period)	Format or form <sup>1</sup>
-	Copies of original monitoring reports submitted to the Licence Holder by third parties	Not Applicable	Within 14 days of the CEO's request	As received by the Licence Holder from third parties

Note 1: Forms are in Schedule 2.

## 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	Parameter	Notification requirement <sup>1</sup>	Format or form <sup>2</sup>
2.1.1		Part A: As soon as practicable but no later than 5pm of the next usual working day	N1

	Breach of any limit specified in the Licence	Part B: As soon as practicable	
3.1.4	Calibration report	As soon as practicable	None specified

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

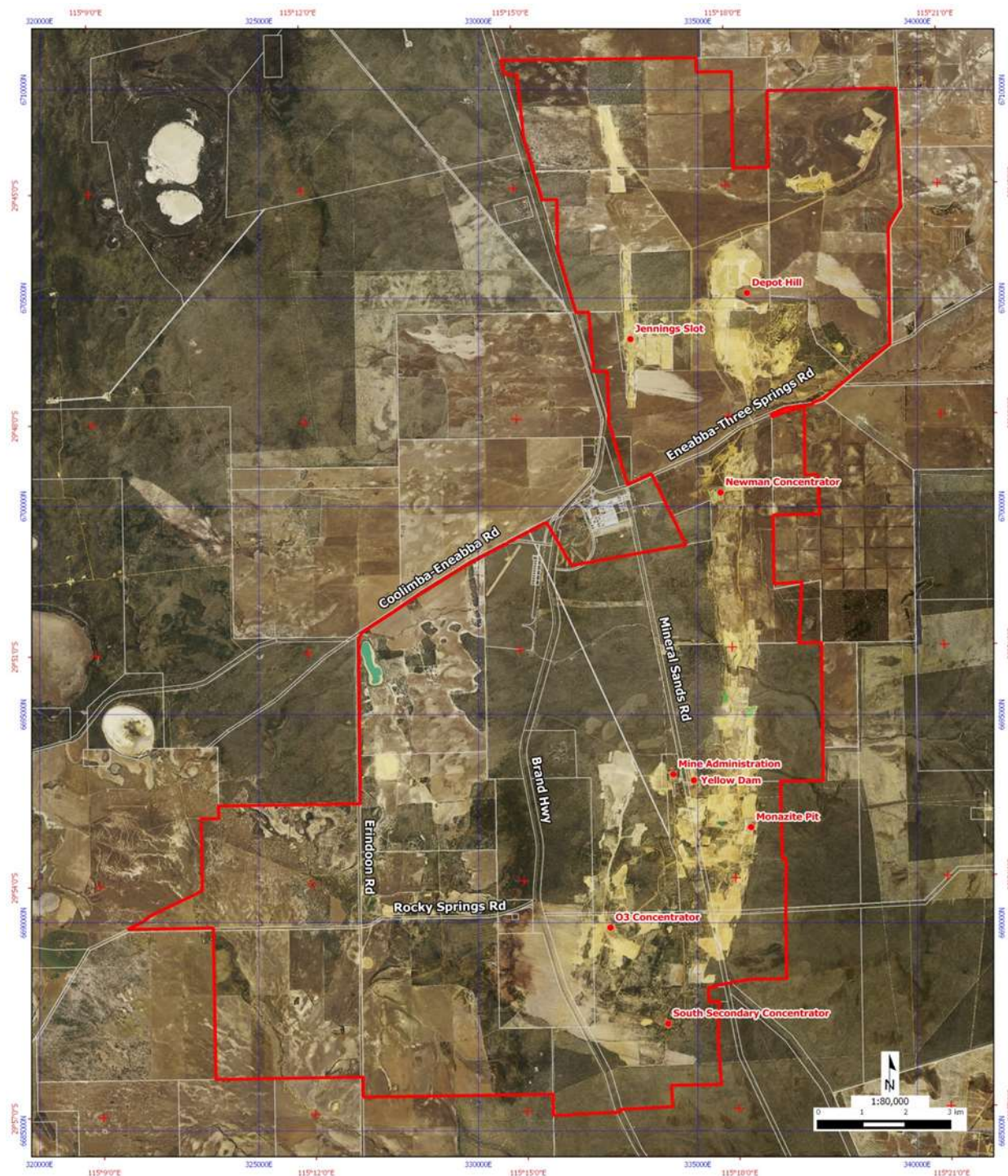
Note 2: Forms are in Schedule 2.



## Schedule 1: Maps

### Premises map

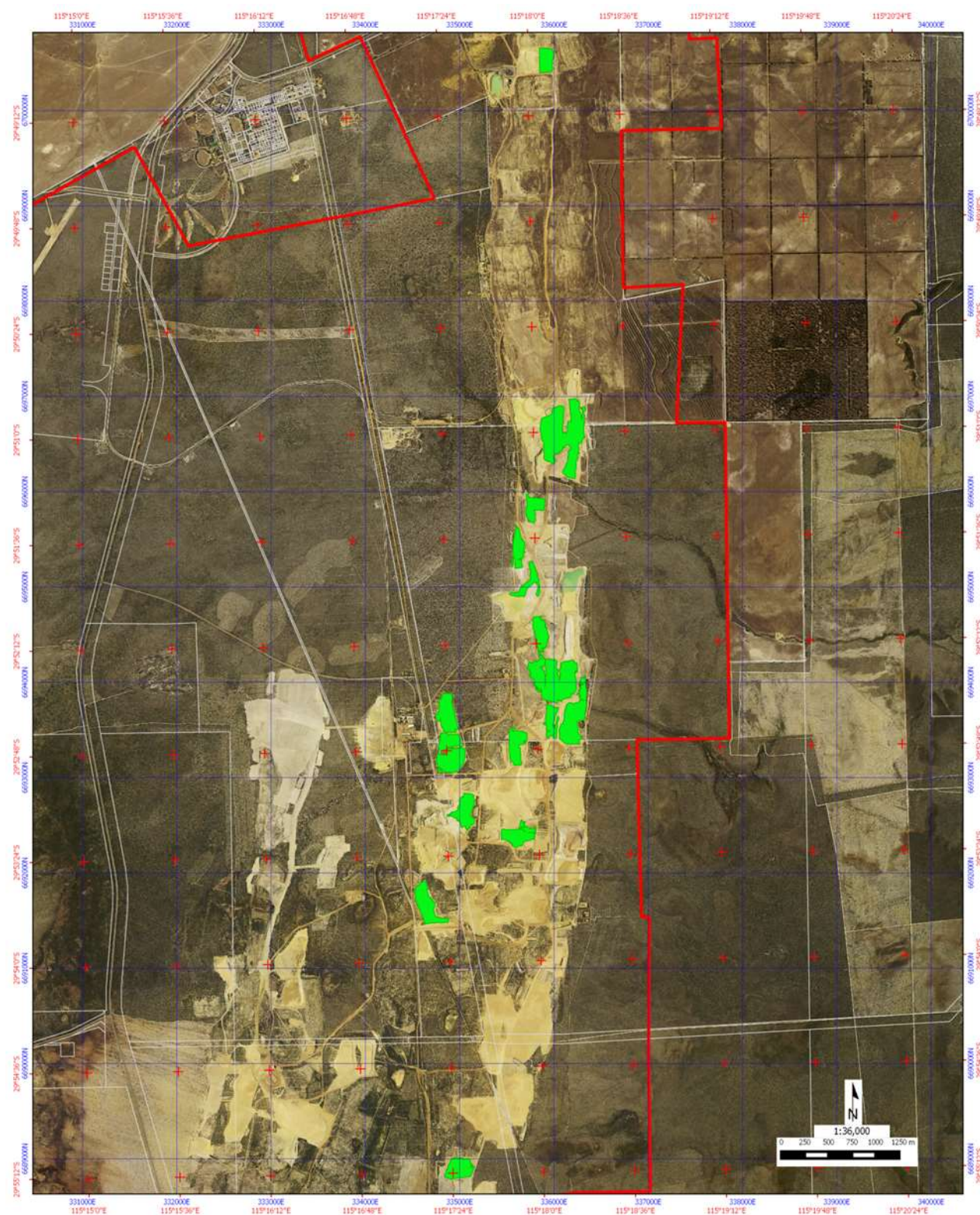
The Premises are shown in the map below.





## Map of tailings disposal sites

The locations of the mine voids authorised for tailings disposal as specified in Table 1.2.1 are shown below. The green shaded areas depict the mine voids.





## Map of waste disposal sites

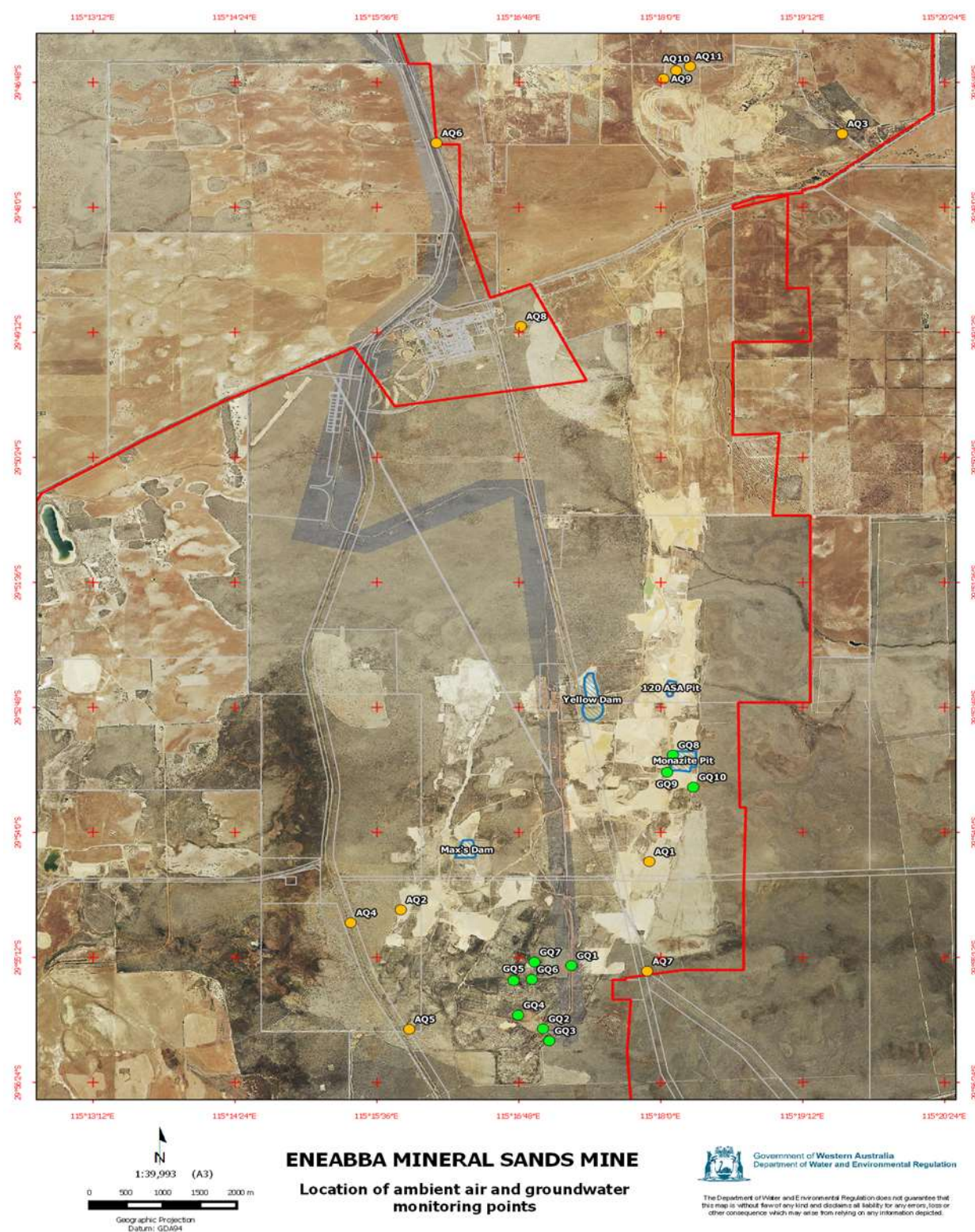
The location of the waste disposal sites defined in Table 1.2.4 are shown below (detailed sections for each area shown in inset maps). The red lines depict the maximum extent of disposal permitted.





## Map of monitoring locations

The locations of the monitoring points defined in Tables 3.3.2 and 3.3.3 are shown below.



## Schedule 2: Notification & Forms

Licence: L5646/1994/10  
Form: N1

Licence Holder: Iluka Resources 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	
Position	
Signature on behalf of Iluka Resources Ltd	
Date	