



Licence number	L6149/1988/9
Licence holder	Simcoa Operations Pty Ltd
ACN (if applicable)	009 064 653
Registered business address	973 Marriott Road WELLESLEY WA 6233
DWER file number	2013/003874-1
Duration	05/10/2021 to 04/10/2032
Date of issue	01/10/2021
Premises details	Name of premises - Moora Quartzite Mine Site, Midlands Road, MOORA WA 6510 Legal description - M70/191, G70/91, G70/92 & G70/93 Midlands Road, MOORA WA 6510 As defined by the map in Schedule 1 and the premises coordinates in Schedule 2.

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 5 – processing or beneficiation of metallic and non-metallic ore.	160,000 tonnes per annual period.

This licence is granted to the licence holder, subject to the attached conditions, on 01 October 2021, by:

Neville Welsh
SENIOR INDUSTRY REGULATION OFFICER

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

Licence history

Commencement Date	Reference number	Summary of changes
5/10/2000	L6149/1988/2	<i>Licence Renewal for 1 year</i>
5/10/2001	L6149/1988/3	<i>Licence Renewal for 1 year</i>
5/10/2002	L6149/1988/4	<i>Licence Renewal for 1 year</i>
5/10/2003	L6149/1988/5	<i>Licence Renewal for 1 year</i>
5/10/2004	L6149/1988/6	<i>Licence Renewal for 3 years</i>
5/10/2007	L6149/1988/7	<i>Licence Renewal for 5 years</i>
5/10/2012	L6149/1988/8	<i>Licence Renewal for 5 years</i>
29/04/2016	L6149/1988/8	<i>Amendment by administrative Notice – Licence duration extended to 4 October 2021</i>
17/11/2016	L6149/1988/8	<i>Amendment Notice 1 – to correct the Licence Number and update conditions relating to submission of AACR.</i>
7/08/2020	W6391/2020/1	<i>Works Approval to construct pipeline allowing water discharge to Kyaka Brook located north of the primary activity.</i>
05/10/2021	L6149/1988/9	<i>Administrative Licence Renewal with duration commensurate with Mining Tenement tenure.</i>

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:

General Conditions

BOUNDARY

- 1 The License Holder shall indicate the boundary of the Premises by means of markers within line of site and indicating each change in direction of the boundary or by fencing to enable measurements to be made for the purposes of condition 19.

DUST CONTROL

- 2 The License Holder shall take measures to minimise the generation of visible dust crossing the boundary of the Premises from all materials handling operations, stockpiles, open areas and transport activities.
- 3 The License Holder shall pave, seal or otherwise treat all trafficked areas and maintain these in a manner which minimises the generation of airborne dust by implementing measures such as sweeping, hosing down or vacuuming to remove spillages.
- 4 The License Holder shall employ routine maintenance and housekeeping practises to ensure that there is no accumulation of waste materials in or around the Premises, which may lead to the generation of airborne dust.

LIQUID CHEMICAL STORAGE

- 5 The License Holder shall store chemicals including, but not limited to, fuel, oil or other hydrocarbons (where the total volume of each substance stored on the Premises exceeds 250 litres) within low permeability (10^{-9} metres per second or less) compound(s) designed to contain not less than 110% of the volume of the largest storage vessel or inter-connected system, and at least 25% of the total volume of substances stored in the compound.
- 6 The compound(s) described in Condition 5 shall:
 - (i) be graded or include a sump to allow recovery of liquid;
 - (ii) be chemically resistant to the substances stored;
 - (iii) include valves, pumps and meters associated with transfer operations wherever practical. Otherwise the equipment shall be adequately protected (eg. bollards) and contained in an area designed to permit recovery of chemicals released following accidents or vandalism;
 - (iv) be designed such that jetting from any storage vessel or fitting will be captured within the bunded area [see for example AS1940-1993 Section 5.9.3 (g)];
 - (v) be designed such that chemicals which may react dangerously if they come into contact, are in separate bunds in the same compound or in different compounds; and
 - (vi) be controlled such that the capacity of the bund is maintained at all times (eg. regular inspection and pumping of trapped uncontaminated rainwater).
 - (vii) install and maintain signage indicating the closed and open position of perimeter valves on bunded areas, adjacent to such valves.
- 7 The License Holder shall ensure that perimeter valves on bunded (compound) areas are locked or otherwise secured in the closed position whilst the site is unattended;

- 8 The License Holder shall immediately remove and dispose of any liquid resulting from spills or leaks of chemicals including fuel, oil or other hydrocarbons, whether inside or outside the low permeability compound(s).
- 9 The License Holder shall collect waste lubricants and hydraulic fluids in holding tanks for recycling and disposal off-site.

RETENTION OF STORMWATER

- 10 The License Holder shall ensure the premise is drained such that stormwater is retained on the Premises.

DISCHARGES OF WATER

- 11 The License Holder shall ensure any discharge of water from the Premises, other than directly to sewer or septic systems is via fuel/oil traps, silt traps or approved discharge point at Kiaka Creek.

DISCOLOURATION/FLOATING MATTER

- 12 The License Holder shall ensure waters discharged from the Premises demonstrate no discoloration or contain any floating matter attributable to the Licence Holder's operations on these Premises.

VEHICLE WASHDOWN AREAS

- 13 The License Holder shall ensure vehicle washdown areas are equipped with fuel/oil traps and provisions to ensure detergent or solvent contaminated waters are not discharged to the environment.

PROTECTION OF WATER POLLUTION CONTROL SYSTEMS

- 14 The License Holder shall ensure all settlement ponds, bunded areas and silt traps subject to clean out or solids removal shall incorporate protection from mechanical damage.

MINIMISING WATER RUN-OFF

- 15 The License Holder shall ensure water run-off from the crushing area and mine development shall be contained within the immediate vicinity of the mine site.

Monitoring

AMBIENT DUST LIMIT

- 16 The License Holder shall ensure the concentration of ambient dust from the Premises does not exceed 1000 micrograms per cubic metre of air when measured in accordance with the following:
 - (i) the concentration of airborne dust to be determined as the difference in the concentration of dust in air between two samples of 30 minutes duration within a 120 minute period;
 - (ii) the samples shall be taken at locations within 5 metres of the Premises boundary on opposite sides of the Premises;

- (iii) one sampling location shall be generally located upwind of the other sampling location;
- (iv) the air shall be sampled at a rate of not less than 100 litres per minute; and
- (v) the samples shall be taken at a height between 1.5 and 2.0 metres above ground level.

GROUND VIBRATION LIMITS AND MONITORING

- 17 The License Holder shall ensure ground vibration levels generated by blasting are such that the level generated by at least 95 per cent of all blasts is 5 millimetres per second peak particle velocity or less. The level generated by all blasts is 10 millimetres per second peak particle velocity or less when measured at any point on the most affected noise sensitive Premises at least the longest dimension of the foundations of a building or structure away from such building or structure.

Records and reporting

ANNUAL ENVIRONMENTAL REPORT

- 18 The License Holder shall by **31 March** each year, provide to the CEO an annual environmental report containing the monitoring data required by any condition of this licence. The report shall contain data collected from **1 January to 31 December** each year.
- 19 The annual environmental report shall include, but not be limited to the following:
- (i) a brief background to approval of the project and an overview of the project and its processes;
 - (ii) a current plan of the Premises;
 - (iii) a table showing quantities of raw materials used and the quality and quantity of wastes produced
 - (iv) a summary table of any licence exceedence;
 - (v) a summary of incident and exceedence reports and a discussion of any significant responses taken to minimise the likelihood of recurrence;
 - (vi) the characteristics, volume and effects of discharges to the environment and on the characteristics of the receiving environment within the vicinity of the Premises (e.g. air quality, water quality, health of vegetation);
 - (vii) an assessment of the monitoring data collected against previous monitoring results, licence limits or other appropriate measures (e.g. standards or guidelines);
 - (viii) a summary of issues raised during the last DEC inspection and how these have been addressed/rectified. If the required work has yet to be completed then an explanation as to why, should be provided;
 - (ix) a copy of the complaints register during the reporting period; and
 - (x) measures taken to control dust during the reporting period.

20 The Licence Holder must:

- (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
- (b) prepare and submit to the CEO by no later than 31 March annually after the end of that annual period an Annual Audit Compliance Report in the approved form.

Note: AACR form is available from DWER website.

21 The licence holder must record the following information in relation to complaints received by the licence holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:

- (a) the name and contact details of the complainant, (if provided);
- (b) the time and date of the complaint;
- (c) the complete details of the complaint and any other concerns or other issues raised; and
- (d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.

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 may be available on the Department's website).
annual period	a 12 month period commencing from 1 January until 31 December of that year.
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 Environmental Protection Act 1986 Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
Department	means the department established under section 35 of the Public Sector Management Act 1994 (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.
emission	has the same meaning given to that term under the EP Act.
EP Act	Environmental Protection Act 1986 (WA)
EP Regulations	Environmental Protection Regulations 1987 (WA)
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 Figure 1 of Schedule 1 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
waste	has the same meaning given to that term under the EP Act.

END OF CONDITIONS

Schedule 1: Premises Map

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

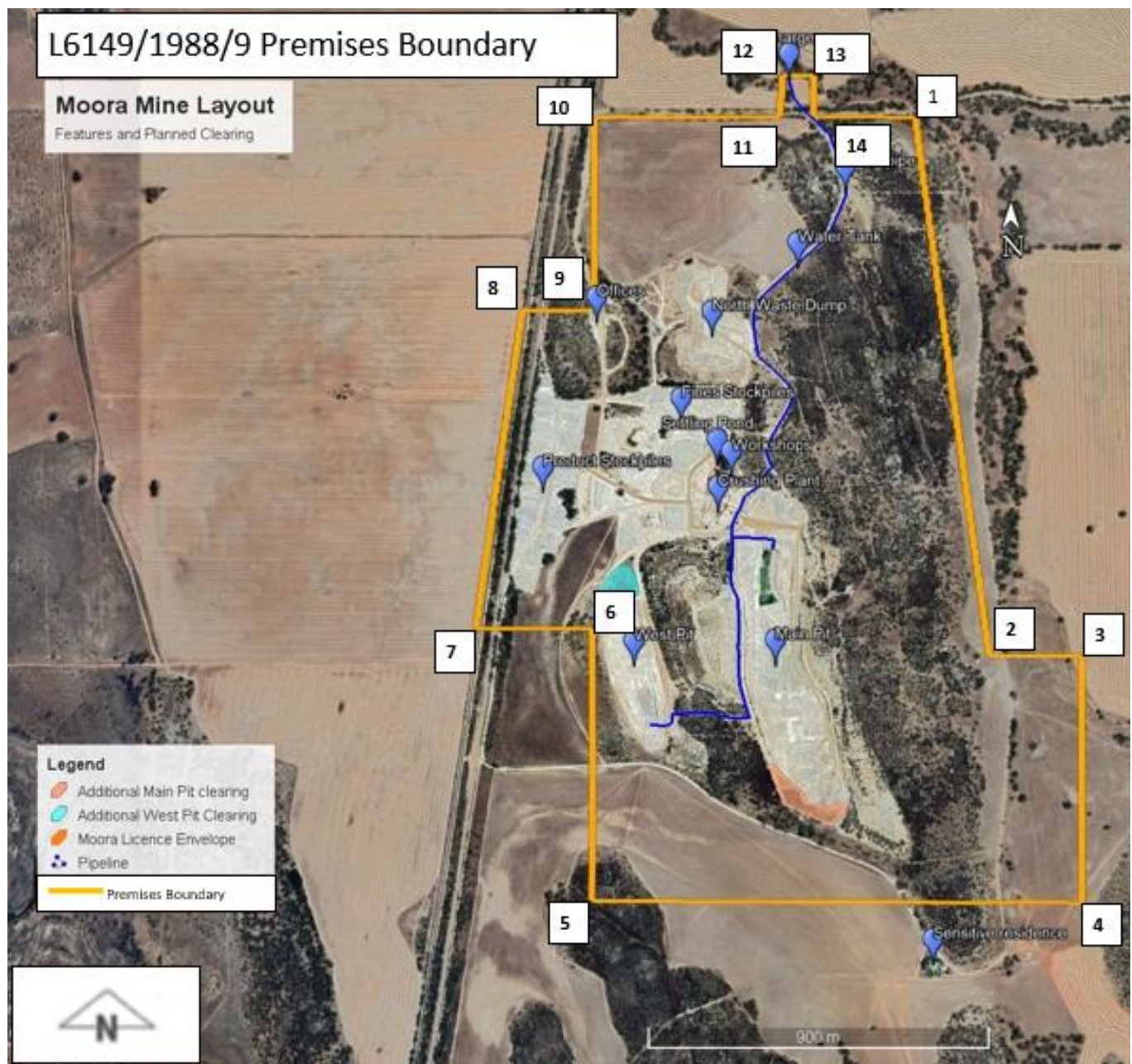


Figure 1: Map of the boundary of the prescribed premises

Mining tenements M70/191, G70/91, G70/92 and G70/93 (boundary depicted in orange).

Schedule 2: Premises boundary coordinates

The premises boundary is defined by the coordinates in Table 2.

Table 2: Premises boundary coordinates (GDA94)

Ref Pt	Easting	Northing	Zone
1	407894.98	6624782.62	50
2	408104.53	6623363.81	50
3	408351.6	6623364.97	50
4	408354.7	6622715.1	50
5	407055.59	6622709.12	50
6	407052.17	6623425.81	50
7	406739.25	6623424.35	50
8	406858.16	6624265.82	50
9	407048.21	6624266.7	50
10	407045.19	6624778.81	50
11	407539.98	662481.03	50
12	407539.98	6624891.28	50
13	407625.79	6624891.28	50
14	407625.25	6624781.5	50

Schedule 3: Site Layout

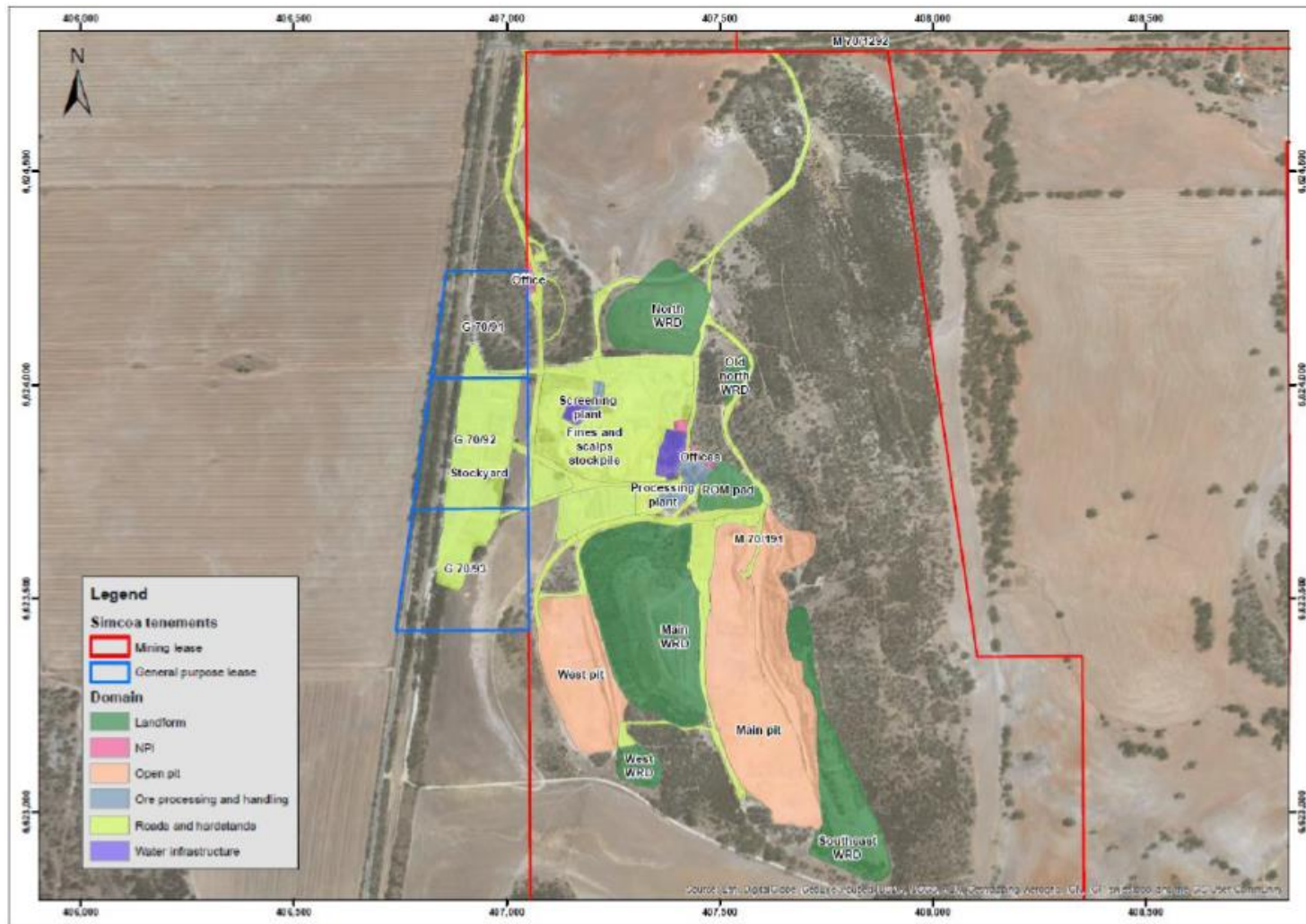


Figure 2: Site Layout and domains