



Works approval number W6477/2020/1

Works approval holder Focus Minerals (Laverton) Pty Limited
ACN 087 360 996
Level 2
Registered business address 159 Adelaide Terrace
EAST PERTH WA 6004
DWER file number DER2020/000562

Duration 04/06/2021 to 03/06/2026

Date of issue 04/06/2021

Premises details Lancefield Quarry
Part of Mining Tenement M38/37
LAVERTON WA 6440
As defined by the coordinates in Schedule 2

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 70: Screening etc. of material: premises on which material extracted from the ground is screened, washed, crushed, ground, milled, sized or separated.	≤ 50,000 tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 4 June 2021, by:

Melissa Chamberlain
SENIOR ENVIRONMENTAL OFFICER
INDUSTRY REGULATION

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

Works approval history

Date	Reference number	Summary of changes
04/06/2021	W6477/2020/1	Works approval granted.

Interpretation

In this works approval:

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

Works approval conditions

The works approval holder must ensure that the following conditions are complied with:

Construction phase

Infrastructure and equipment

1. The works approval holder must:
 - (a) construct and/or install the infrastructure and/or equipment;
 - (b) in accordance with the corresponding design and construction / installation requirements; and
 - (c) at the corresponding infrastructure location as set out in Table 1.

Table 1: Design and construction / installation requirements

	Infrastructure and equipment	Design and Installation requirements	Infrastructure location
1.	Crushing, screening and washing plant: <ul style="list-style-type: none">• J1175 Jaw Crushing Plant (Mobile)• C1540 Cone Crushing Plant (Mobile)• Mcloskey S190 Wash and Screen Plant	<ul style="list-style-type: none">• Installed as per Schedule 1, Figures 4 & 5 and in accordance with manufacturer's requirements.	As per Schedule 1, Figure 3
2.	Fuel storage tank	<ul style="list-style-type: none">• ≤ 5,000 litre capacity.• Tank to be self-bunded with a minimum capacity of 110% of the largest container stored within it, or 25% of the volume of all containers, whichever is the largest.• Fuel tank and pipework to have secondary containment, sensors capable of alerting the licence holder in the event of a spill and devices to enable immediate shutdown of fuel pumping.• Equipment capable of containing and cleaning a spill must be maintained in close proximity to the fuel storage tank at all times.• Construction and installation to be consistent with WQPN 56.	

	Infrastructure and equipment	Design and Installation requirements	Infrastructure location
3.	HDPE lined wash water sediment cells connected via water pipe	<ul style="list-style-type: none"> Constructed as per Schedule 1, Figure 6 <ul style="list-style-type: none"> Cell 1 – 10m x 8m x 1.5m Cell 2 – 10m x 8m x 1.5m Cell 3 – 10m x 8m x 1.5m Each cell to have a holding capacity of $\geq 95\text{m}^3$ HDPE liner to be a minimum of 1mm thickness 	
4.	Workshop	<ul style="list-style-type: none"> 20ft maintenance bay with dome, storage and office (sea containers). Workshop to be installed over a bunded hardstand area that is constructed to achieve a minimum permeability equal to or less than 1×10^{-9} to prevent any potential contaminant seepage and/or run-off 	
5.	Water supply pipeline	<ul style="list-style-type: none"> Installed as per manufacturer's requirements. 	
6.	Water cart	<ul style="list-style-type: none"> 30,000 litre capacity. 	N/A

2. Prior to installation of the fuel storage tank set out in Table 1, the works approval holder must submit to the CEO, an emergency response plan in accordance with Water Quality Protection Note (WQPN) 10 that details a response to any potential chemical, fuel, waste or other harmful substance contamination incident.

Compliance reporting

3. The works approval holder must within 30 calendar days of an item of infrastructure or equipment required by condition 1 being installed:
- undertake an audit of their compliance with the requirements of condition 1; and
 - prepare and submit to the CEO an Environmental Compliance Report on that compliance.
4. The Environmental Compliance Report required by condition 2, must include as a minimum the following:
- as constructed/installed photographs and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and
 - be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

Time limited operations phase

Commencement and duration

5. The works approval holder may only commence time limited operations once the Environmental Compliance Report as required by condition 2 has been submitted by the works approval holder for all items of infrastructure listed in Table 1.
6. The works approval holder may conduct time limited operations for an item of

infrastructure specified in condition 7 (as applicable):

- (a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 4 for that item of infrastructure; or
- (b) until such time as a registration or licence for that item of infrastructure is granted in accordance with Part V of the EP Act.

Time limited operations requirements and emission limits

7. During time limited operations, the works approval holder must ensure that the premises infrastructure and equipment listed in Table 2 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 2.

Table 2: Infrastructure and equipment requirements during time limited operations

	Site Infrastructure and equipment	Operational requirement	Infrastructure location
1.	Crushing, screening and washing plant	<ul style="list-style-type: none"> • Maintain all mobile equipment as per manufacturer's specifications. • Water spray units to be functional whilst crushing and screening plant is operational. • Keep suitably stocked spill response equipment close to where spills may occur. • Ensure all staff are trained to use the spill response equipment. • Contain and clean-up spills as soon as they occur. 	As per Schedule 1, Figure 3
2.	Workshop and operational areas	<ul style="list-style-type: none"> • All containers holding chemicals, or other harmful substance must be stored in a secondary container with a minimum capacity of 110% of the largest container stored within it or 25% of the volume of all containers, whichever is the largest. • Hardstand and bunding in the workshop area to be maintained in a good state of repair at all times. 	
3.	Fuel storage tank	<ul style="list-style-type: none"> • Tank to be regularly examined for leaks and repaired as required. • Fuel tank and pipework double bunding to be maintained in a good state of repair at all times. • Equipment capable of containing and cleaning a spill must be maintained in close proximity to the fuel storage tank at all times. 	

	Site Infrastructure and equipment	Operational requirement	Infrastructure location
4.	HDPE lined wash water sediment cells connected via water pipe	<ul style="list-style-type: none"> Cells to be regularly examined for leaks and repaired as required. Freeboard on each cell to be maintained \geq 0.5m. 	
5.	Water supply pipeline	<ul style="list-style-type: none"> Pipeline to be regularly examined for leaks and repaired as required. 	
6.	Water cart	<ul style="list-style-type: none"> Maintain as per manufacturer's instructions. Available on-site for dust control where required. 	N/A
7.	Mobile machinery and vehicles	<ul style="list-style-type: none"> All machinery and vehicle maintenance to occur within a bunded hardstand area sufficiently large enough to prevent the escape of any contaminants into the environment. 	

Compliance reporting

8. The works approval holder must submit to the CEO a report on the time limited operations within 30 calendar days of the completion date of time limited operations or 30 calendar days before the expiration date of the works approval, whichever is sooner.
9. The works approval holder must ensure the report required by condition 8 includes a summary of the time limited operations, including timeframes and amount of material processed.

Records and reporting

10. The works approval holder must record the following information in relation to complaints received by the works approval 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 works approval holder to investigate or respond to any complaint.
11. The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
 - (a) the works conducted in accordance with condition 1;
 - (b) any maintenance of infrastructure that is performed in the course of complying with condition 1 and 7;
 - (c) complaints received under condition 10.

- 12.** The books specified under condition 11 must:
- (a) be legible;
 - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
 - (c) be retained by the works approval holder for the duration of the works approval;
and
 - (d) be available to be produced to an inspector or the CEO as required.

Definitions

In this works approval, the terms in Table 3 have the meanings defined.

Table 3: Definitions

Term	Definition
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V Division 3 of the EP Act.
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.
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and/or equipment has been constructed and/or installed in accordance with the works approval.
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.
PDSWA	Public Drinking Water Source Area, being the area from which water is captured to supply drinking water. It includes all underground water pollution control areas, catchment areas and water reserves constituted under the <i>Metropolitan Water Supply, Sewerage, and Drainage Act 1909</i> and the <i>Country Areas Water Supply Act 1947</i>
premises	the premises to which this works approval applies, as specified at the front of this works approval and as shown on the premises boundary map (Figure 2) in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
time limited operations	refers to the operation of the infrastructure and equipment identified under this works approval that is authorised for that purpose, subject to the relevant conditions.
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the conditions.

Term	Definition
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval.
WQPN 10	Water Quality Protection Note 10: Contaminant spills – emergency response plan
WQPN 56	Water Quality Protection Note 56: Tanks for fuel and chemical storage near sensitive water resources.

END OF CONDITIONS

Schedule 1: Maps

Regional Boundary Location Map

The prescribed premises area location is shown in the map below (Figure 1).

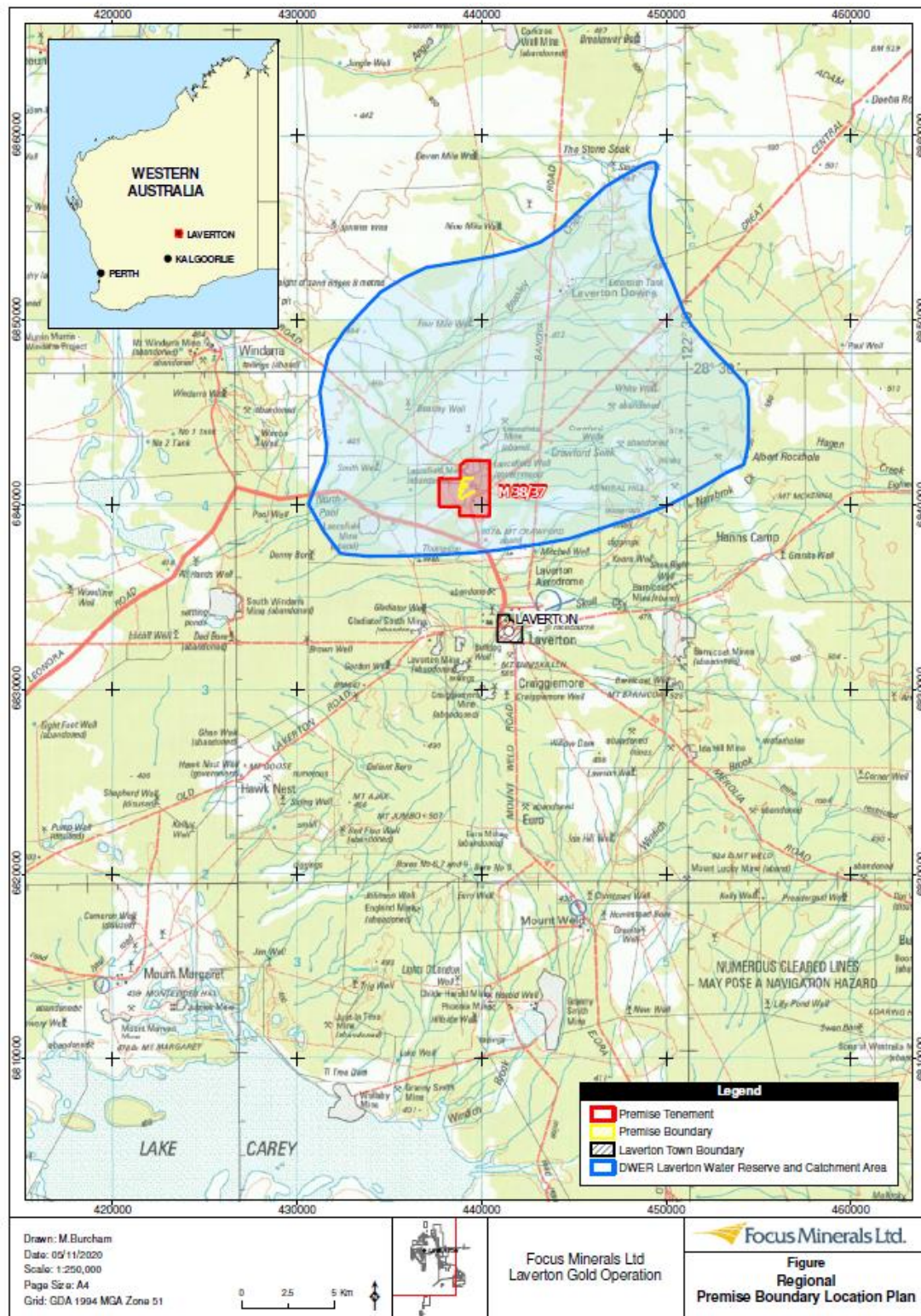


Figure 1: Map of the prescribed premises area location

Premises Boundary Map

The prescribed premises boundary is shown in the map below (Figure 2).

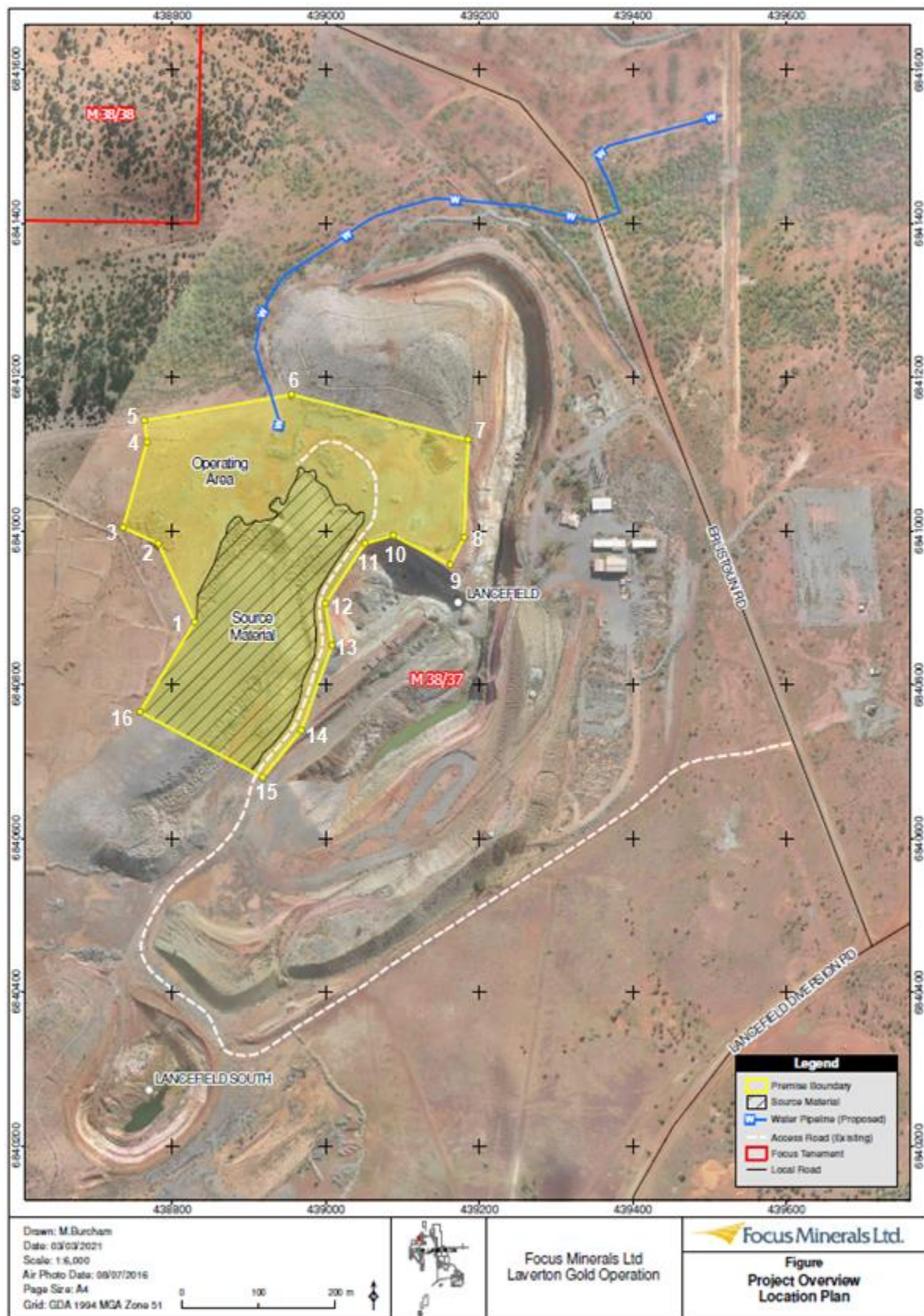


Figure 2: Map of the boundary of the prescribed premises

Infrastructure Layout Map

The prescribed premises site layout is shown in the map below (Figure 3).

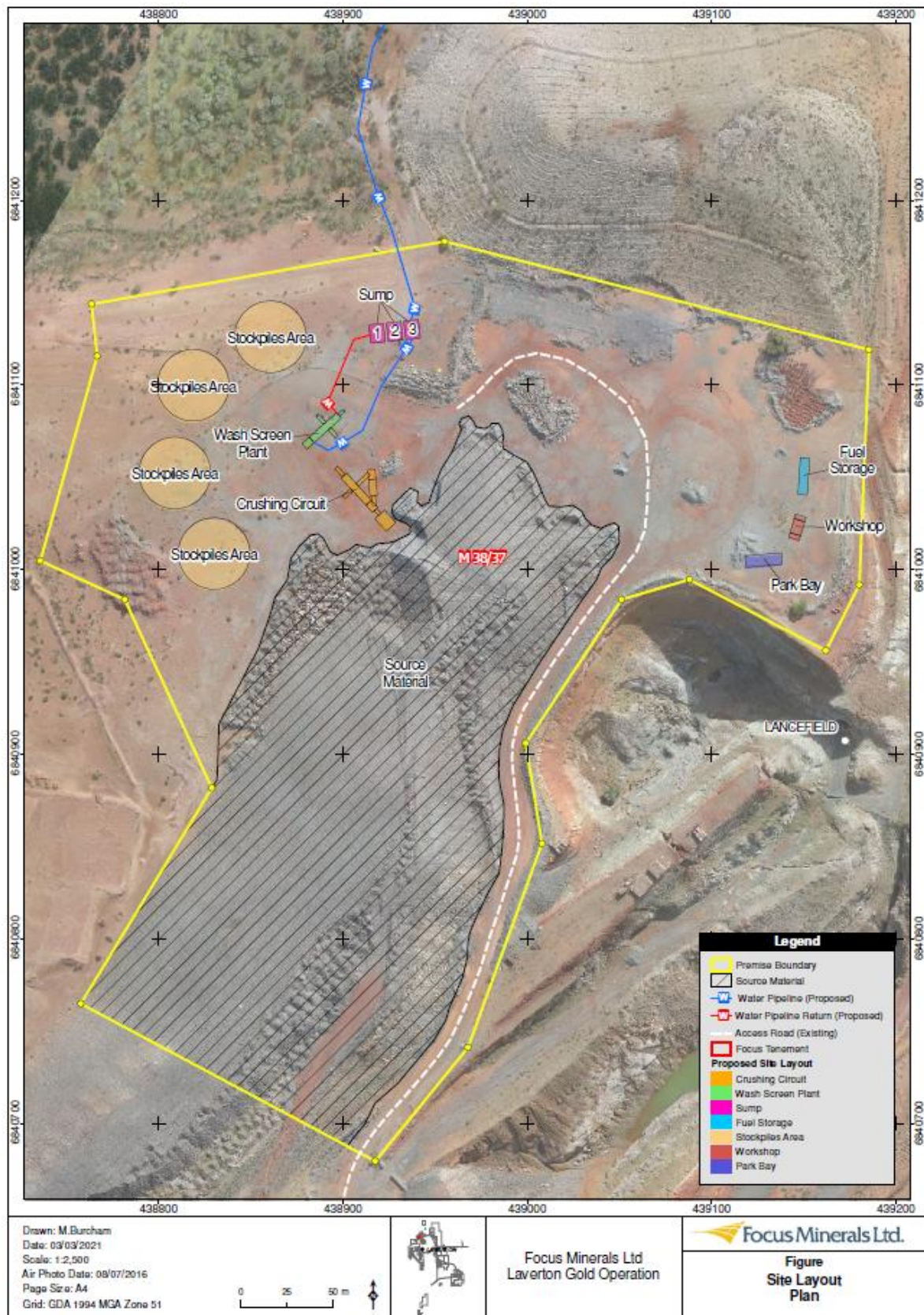


Figure 3: Map of infrastructure within the prescribed premises

Infrastructure – Crushing and Screening Plant Circuit

The crushing and screening circuit is shown in the flow chart below (Figure 4).

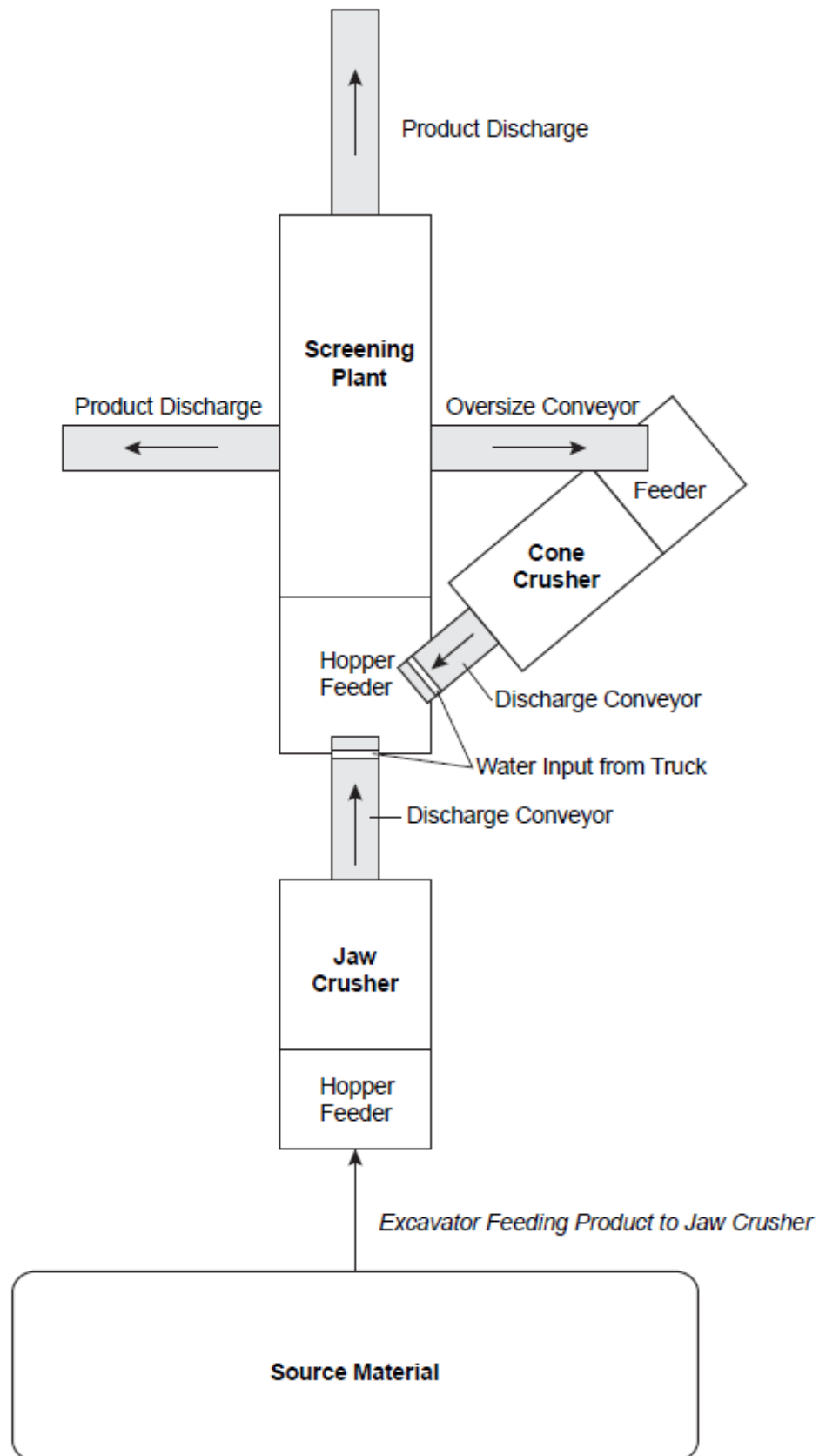


Figure 4: Flow chart showing the crushing and screening circuit

Infrastructure – Wash Plant Circuit

The wash circuit is shown in the flow chart below (Figure 5).

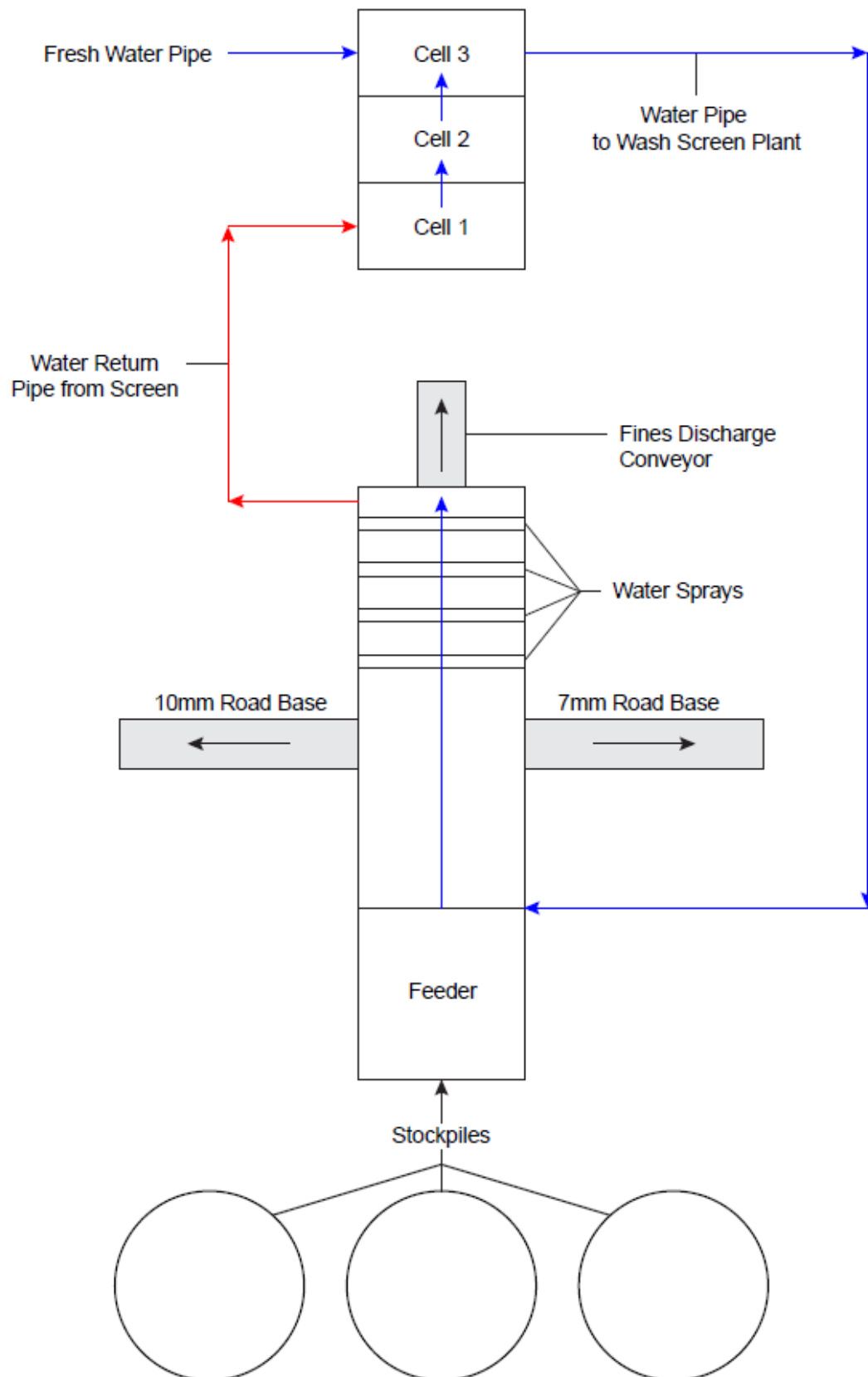


Figure 5: Flow chart showing the wash circuit

Infrastructure – HDPE lined wash water sediment cells

The layout of the sediment cells is shown in the plan below (Figure 6).

Plan View

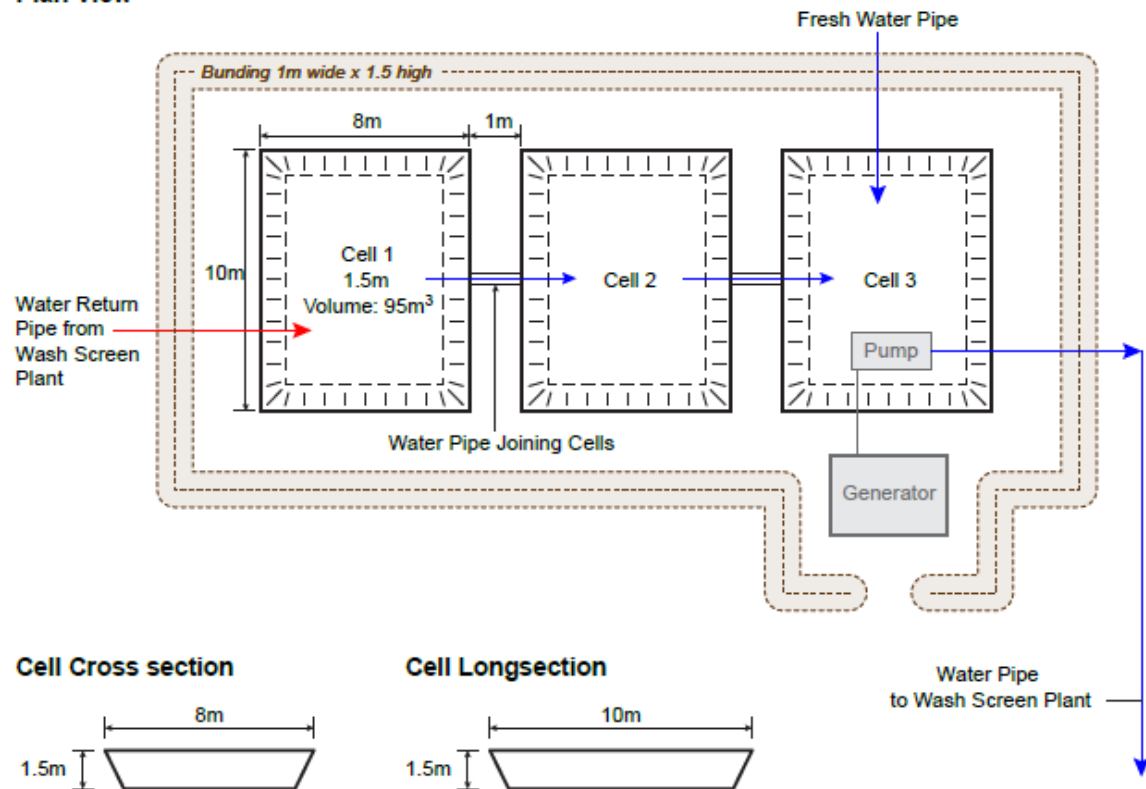


Figure 6: Plan view of sediment cell infrastructure

Schedule 2: Premises boundary

The premises boundary in Figure 2 is defined by the coordinates in Table 4.

Table 4: Premises boundary coordinates

Reference point	Easting	Northing	Zone
1	438829.854	6840883.141	51
2	438782.658	6840985.289	51
3	438736.878	6841006.271	51
4	438767.735	6841117.163	51
5	438764.659	6841145.35	51
6	438956.214	6841179.247	51
7	439186.323	6841120.591	51
8	439181.032	6840993.245	51
9	439162.895	6840957.571	51
10	439088.928	6840996.04	51
11	439051.939	6840985.245	51
12	439000.15	6840907.352	51
13	439008.881	6840853.112	51
14	438968.797	6840742.542	51
15	438918.533	6840680.996	51
16	438758.817	6840766.323	51