



Works approval number W6207/2018/1

Works approval holder Q Stone Pty Ltd
ACN 612 873 177
Registered business address 4 Rain Place, Bayswater, 6053
DWER file number DER2018/001042

Duration 04/09/2019 to 21/08/2033

Date of issue 04/09/2019
Date of amendment 02/08/2023

Premises details Potts Road Quarry

Part of:

Lot 606 Plan 148004, Lot 3029 Plan 2839601, Lot 2643 Plan 150837, and Road Reserve 11712114

Potts Road, WELBUNGIN WA 6477

As defined by Figure 1 of this Works Approval

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production 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 annum

This works approval is granted to the works approval holder, subject to the attached conditions, on 2 August 2023, by:

A/MANAGER, RESOURCE INDUSTRIES
REGULATORY SERVICES

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

Works approval history

Date	Reference number	Summary of changes
04/09/2019	W6207/2018/1	Works approval granted.
02/08/2023	W6207/2018/1	Works approval amended to include a wash facility to wash up to 30% of the material produced.

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 install and undertake the works for the infrastructure and equipment:
 - (a) specified in Column 1;
 - (b) to the requirements specified in Column 2;
 - (c) at the location specified in Column 3
 of Table 1 below.

Table 1: Infrastructure and equipment requirements table

	Column 1	Column 2	Column 3
1.	Jaw Crusher	1 x mobile track Pegson 1180 Premier-trak Jaw Crusher or equivalent.	Figure 2 of Schedule 1
2.	Cone crusher	1 x Pegson 1000 Maxtrak Cone Crusher or equivalent.	Figure 2 of Schedule 1
3.	Screening circuit	1x Powerscreen Horizon – 6203. Screen or equivalent.	Figure 2 of Schedule 1
4.	Conveyor and stacker	1 x 16/90 stockpiler closed circuit material conveyor; 1 x Edge MS 65 material stacker or equivalent	Figure 2 of Schedule 1
5.	Run of Mine	Quarry working area	Figure 2 of Schedule 1
6.	Stockpile	Laydown areas	Figure 2 of Schedule 1
7.	Workshop and machinery parking area	Footprint	Figure 2 of Schedule 1
8.	Machinery	1 x Volvo EC350 D 36 tonne excavator 1 x Komatsu WA 500 37 tonne wheel front end loader 1 x Hino 500 series Water truck 1 x Atlas Copco F9 Blast hole drill rig Four-wheeled drive ute or service truck	Within the premises boundary

	Column 1	Column 2	Column 3
9.	Generator	1 x Generator –up to 50 Kva, 4-cylinder diesel engine, self-bunded (with capacity to hold 110%)	Figure 1 of Schedule 1
10.	Wedge pits	4 x Wedge pits: L = 15m, W = 4m, D = 1.3m	Figure 1 of Schedule 1
11.	Coarse Material Washer and associated piping Water tanks (2 x 25kL)	Placement of graded drains to divert stormwater away from wash facility to the north and west within the site boundary Bunding (at least 1.5 m high, 20 m long) must be in place along the northern boundary to prevent stormwater runoff	Figure 1 of Schedule 1
12.	Fines storage area	The fines storage area should be sheeted and compacted with the quarry's fines as per the stockyard floor to provide a stable surface for the plant and equipment to minimise dust	Figure 1 of Schedule 1

2. The Works Approval Holder must not depart from the requirements specified in Column 2 of Table 1 except:
- (a) where such departure does not increase risks to public health, public amenity or the environment; and
 - (b) all other Conditions in this Works Approval are still satisfied.

Compliance reporting

3. The works approval holder must within 30 calendar days of all items of infrastructure being constructed;
- (a) undertake an audit of their compliance with the requirements of condition 1; and
 - (b) prepare and submit to the CEO an Environmental Compliance Report.
4. The Environmental Compliance Report required by condition 3, must include as a minimum the following:
- (a) certification by a title of a suitably qualified person that the items of infrastructure or component(s) thereof, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;
 - (b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and
 - (c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

Clearing authorisation

5. The Works Approval Holder shall not clear more than 3.8 hectares of native vegetation within the area cross-hatched yellow on attached Plan 8324/1 in Schedule 1 clearing plan.

Weed Control

6. The works When undertaking any clearing or other activity authorised under this works approval, the Works Approval Holder must take the following steps to minimise the risk of the introduction and spread of weeds:
 - (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
 - (b) ensure that no weed-affected soil, mulch, fill or other material is brought into the area to be cleared; and
 - (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

Retain vegetative material and topsoil, revegetation and rehabilitation

7. The Works Approval Holder must:
 - (a) retain the vegetative material and topsoil removed by clearing authorised under this works approval and stockpile the vegetative material and topsoil in an area that has already been cleared.
 - (b) at an optimal time following completion of the extractive industry, revegetate and rehabilitate the areas that are no longer required for the purpose for which they were cleared by:
 - (i) re-shaping the surface of the land so that it is consistent with the surrounding five metres of uncleared land;
 - (ii) ripping the ground on the contour to remove soil compaction;
 - (iii) ripping the pit floor and contour batters within the extraction site; and
 - (iv) laying the vegetative material and topsoil retained under condition 7 (a) on the cleared area.
 - (c) within two years of laying the vegetative material and topsoil on the cleared area in accordance with condition 7 (b):
 - (i) engage an environmental specialist to determine the species composition, structure and density of the area revegetated and rehabilitated; and
 - (ii) where, in the opinion of an environmental specialist, the composition structure and density determined under condition 7 (c)(i) will not result in a similar species composition, structure and density to that of preclearing vegetation types in that area, revegetate the area by deliberately planting and/or direct seeding native vegetation that will result in a similar species composition, structure and density of native vegetation to preclearing vegetation types in that area and ensuring only local provenance seeds and propagating material are used.
 - (d) where additional planting or direct seeding of native vegetation is undertaken in accordance with condition 7 (c)(ii), shall repeat condition 10(c)(i) and 7(c)(ii) within 24 months of undertaking the additional planting or direct seeding of native vegetation.

- (e) where a determination by an environmental specialist that the composition, structure and density within areas revegetated and rehabilitated will result in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, as determined in condition 7(c)(i) and 7(c)(ii), submit that determination for the CEO's consideration. If the CEO does not agree with the determination made under condition 7(c)(ii), the CEO may require the works approval holder to undertake additional planting and direct seeding in accordance with the requirements under condition 7(c)(ii).

Dust Control

8. The Works Approval Holder must manage dust generation at the premises by installing water sprays on transfer points and using water carts to wet down activities associated with the construction of the washing plant.

Records and reporting

9. The Works Approval Holder must maintain the following records for activities done pursuant to this works approval:
 - (a) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Easting and Northings or decimal degrees;
 - (b) that date that the area was cleared;
 - (c) the size of the area cleared (in hectares);
 - (d) actions taken to minimise the risk of the introduction and spread of weeds in accordance with condition 6;
 - (e) activities undertaken in relation to condition 7:
 - (i) the location of any areas revegetated and rehabilitated, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
 - (ii) a description of the revegetation and rehabilitation activities undertaken;
 - (iii) the size of the area revegetated and rehabilitated (in hectares);
 - (iv) the species composition, structure and density of revegetation and rehabilitation; and
 - (v) a copy of the environmental specialist's report.
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;
 - (c) estimated volume of material screened; and
 - (d) 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 1 have the meanings defined.

Table 1: Definitions

Term	Definition
Annual Period	means the 12 month period commencing from 1 January until 31 December.
Annual Vegetation Report	Means a report that provides data and information required by condition 8 to 11 of this Works Approval.
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 33 Cloisters Square PERTH WA 6850 info@dwer.wa.gov.au
Condition	means a condition to which this Works Approval is subject under s.62 of the EP Act.
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.
Department Request	means a request for Books or other sources of information to be produced, made by an Inspector or the CEO to the Works Approval Holder in writing and sent to the Works Approval's address for notifications, as described at the front of this Works Approval, in relation to: (a) compliance with the EP Act or this Works Approval; (b) the Books or other sources of information maintained in accordance with this Works Approval; or © the Books or other sources of information relating to Emissions from the Premises.
Discharge	has the same meaning given to that term under the EP Act.
DWER	Department of Water and Environmental Regulation
Emission	has the same meaning given to that term under the EP Act.
Environmental Harm	has the same meaning given to that term under the EP Act.
EP Act	means the <i>Environmental Protection Act 1986</i> (WA).

EP Regulations	means the <i>Environmental Protection Regulations 1987</i> (WA).
Final Vegetation Report	Means a report that provides data and information required by conditions 8 to 11 of this Works Approval for the period from 1 January 2029 to 30 June 2029.
Implementation Agreement or Decision	has the same meaning given to that term under the EP Act.
Inspector	means an inspector appointed by the CEO in accordance with s.88 of the EP Act.
Material Environmental Harm	has the same meaning given to that term under the EP Act.
Pollution	has the same meaning given to that term under the EP Act.
Premises	refers to the premises to which this Works Approval applies, as specified at the front of this Works Approval and as shown on the map in Schedule 1 to this Works Approval.
Prescribed Premises	has the same meaning given to that term under the EP Act.
Serious Environmental Harm	has the same meaning given to that term under the EP Act.
Unreasonable Emission	has the same meaning given to that term under the EP Act.
Works	refers to the Works described in Schedule 2, at the locations shown in Schedule 1 of this Works Approval to be carried out at the Premises, subject to the Conditions.
Works Approval	refers to this document, which evidences the grant of the works approval by the CEO under s.54 of the EP Act, subject to the Conditions.
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.

END OF CONDITIONS

Schedule 1: Maps

Premises map

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

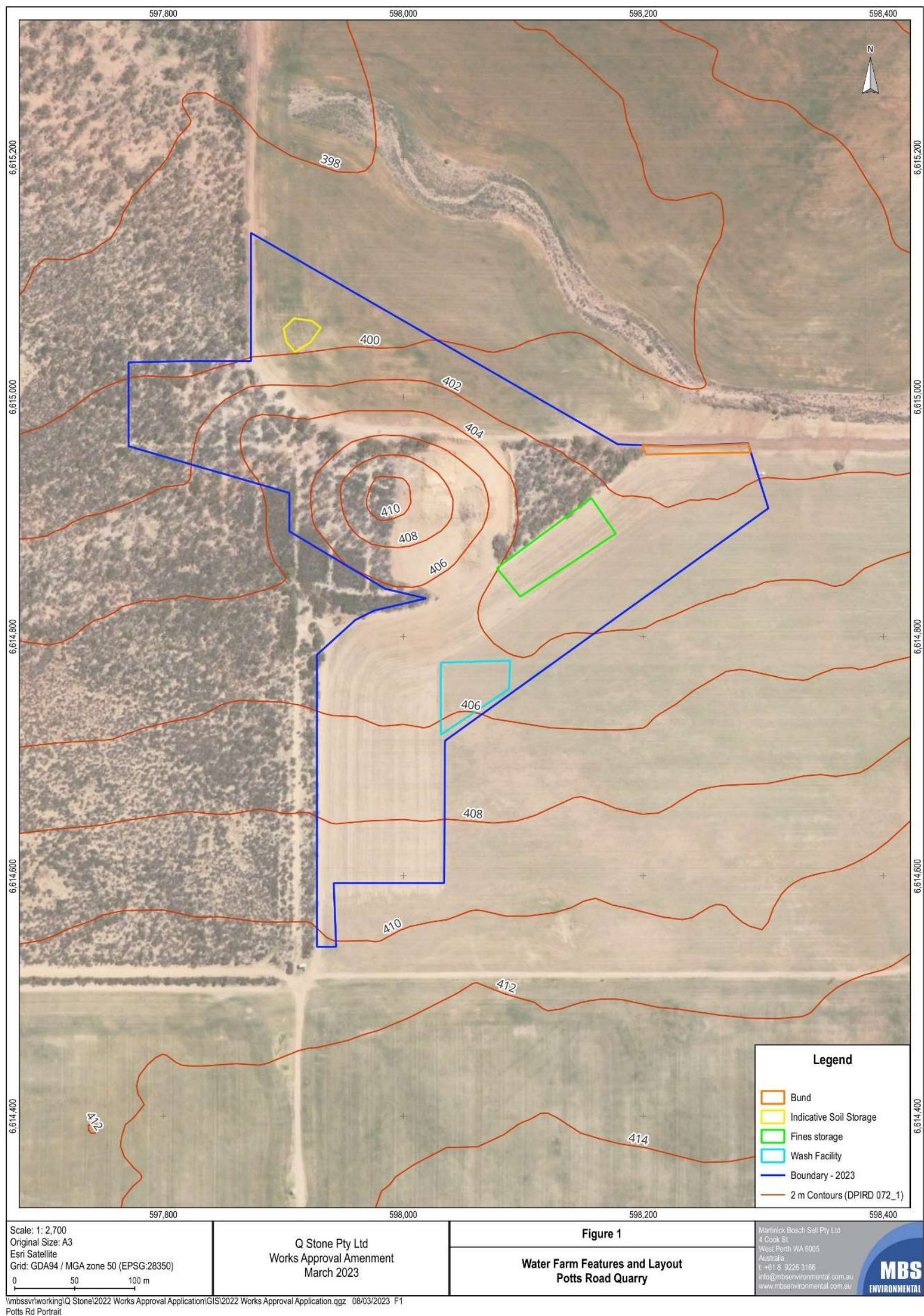


Figure 1: Map of the boundary of the prescribed premises

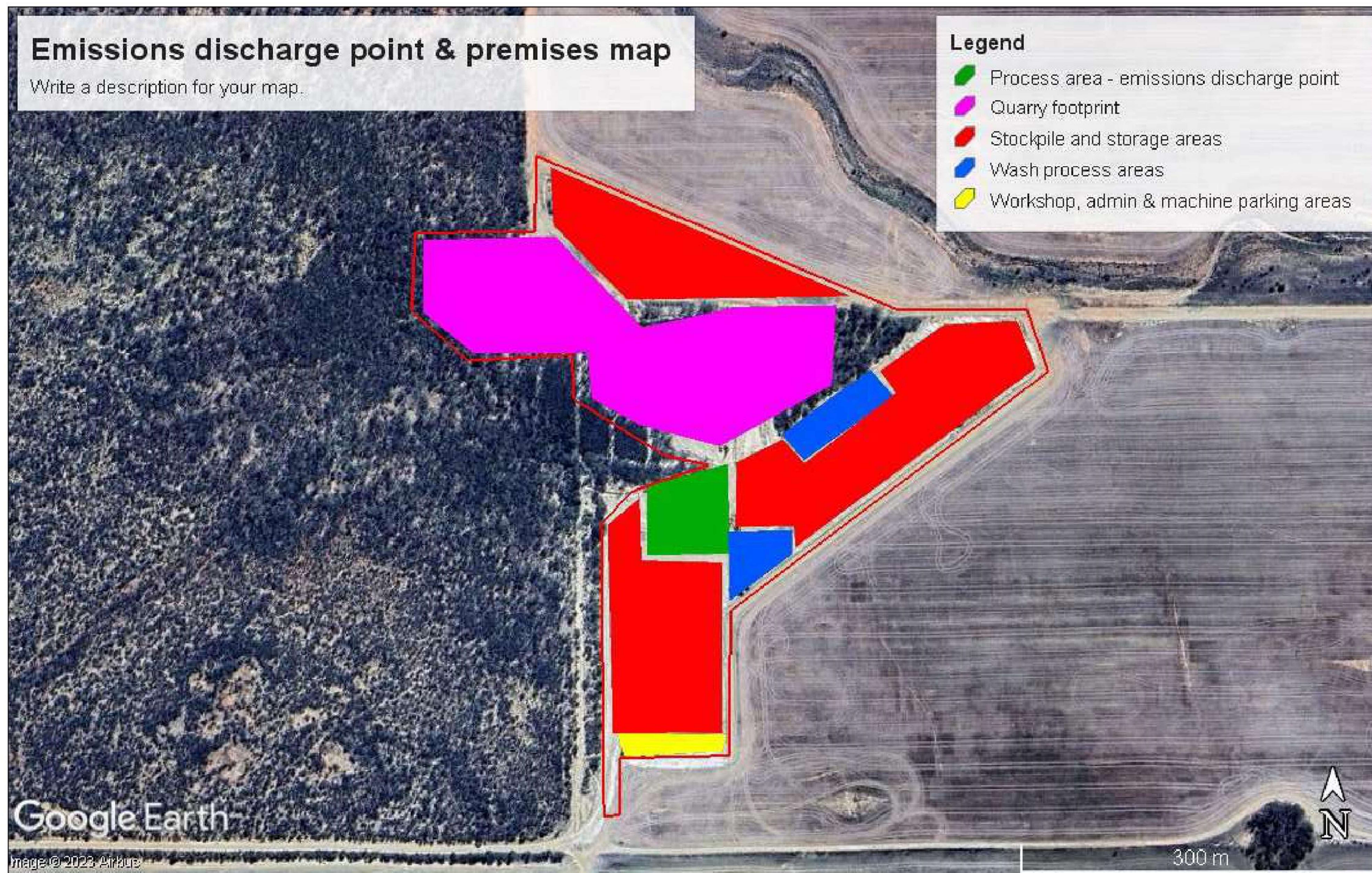


Figure 2: Map displaying Crushing and Screening plant locations

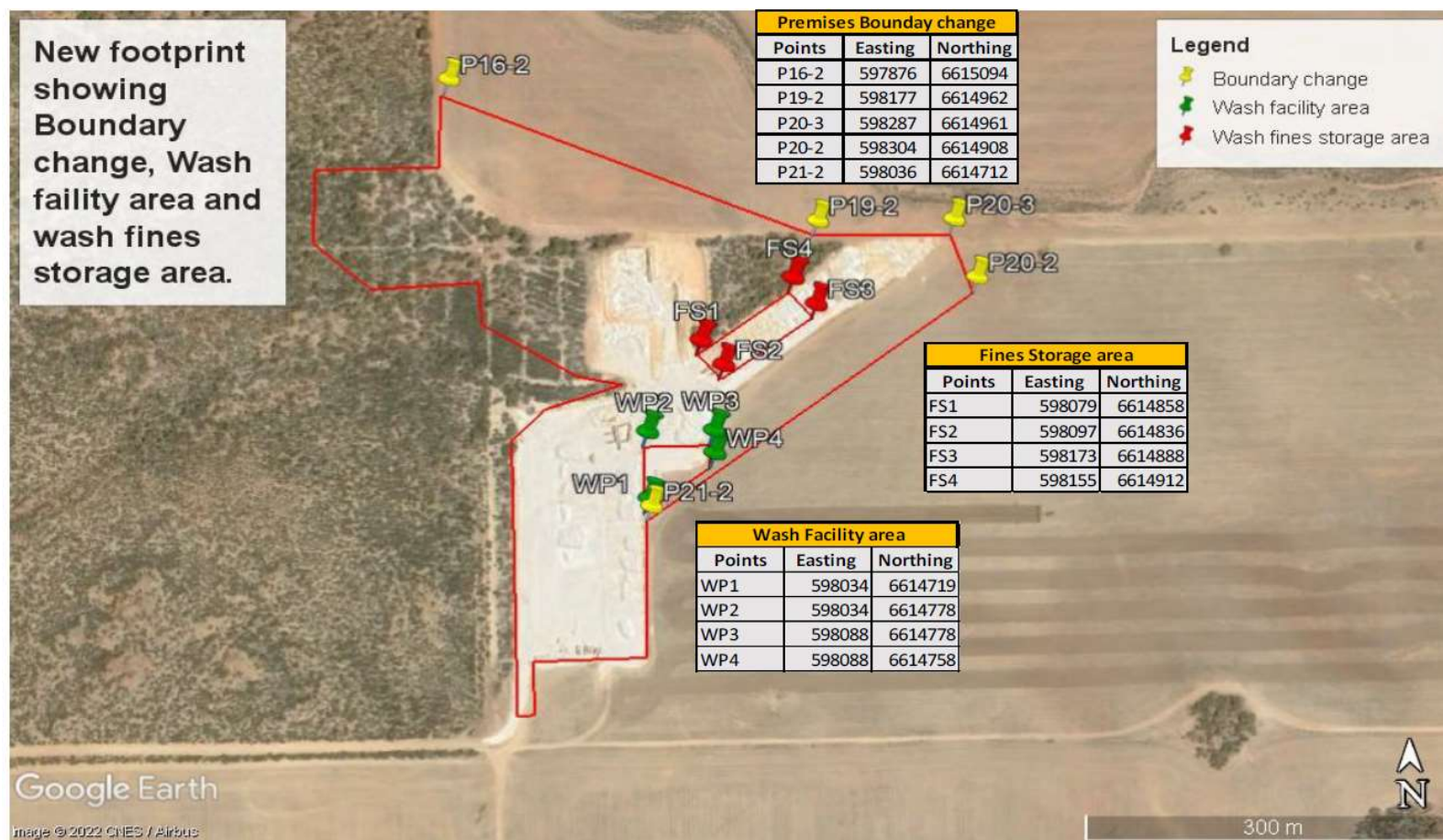


Figure 3: Map displaying new prescribed premises coordinates

Clearing map

Plan 8324/1

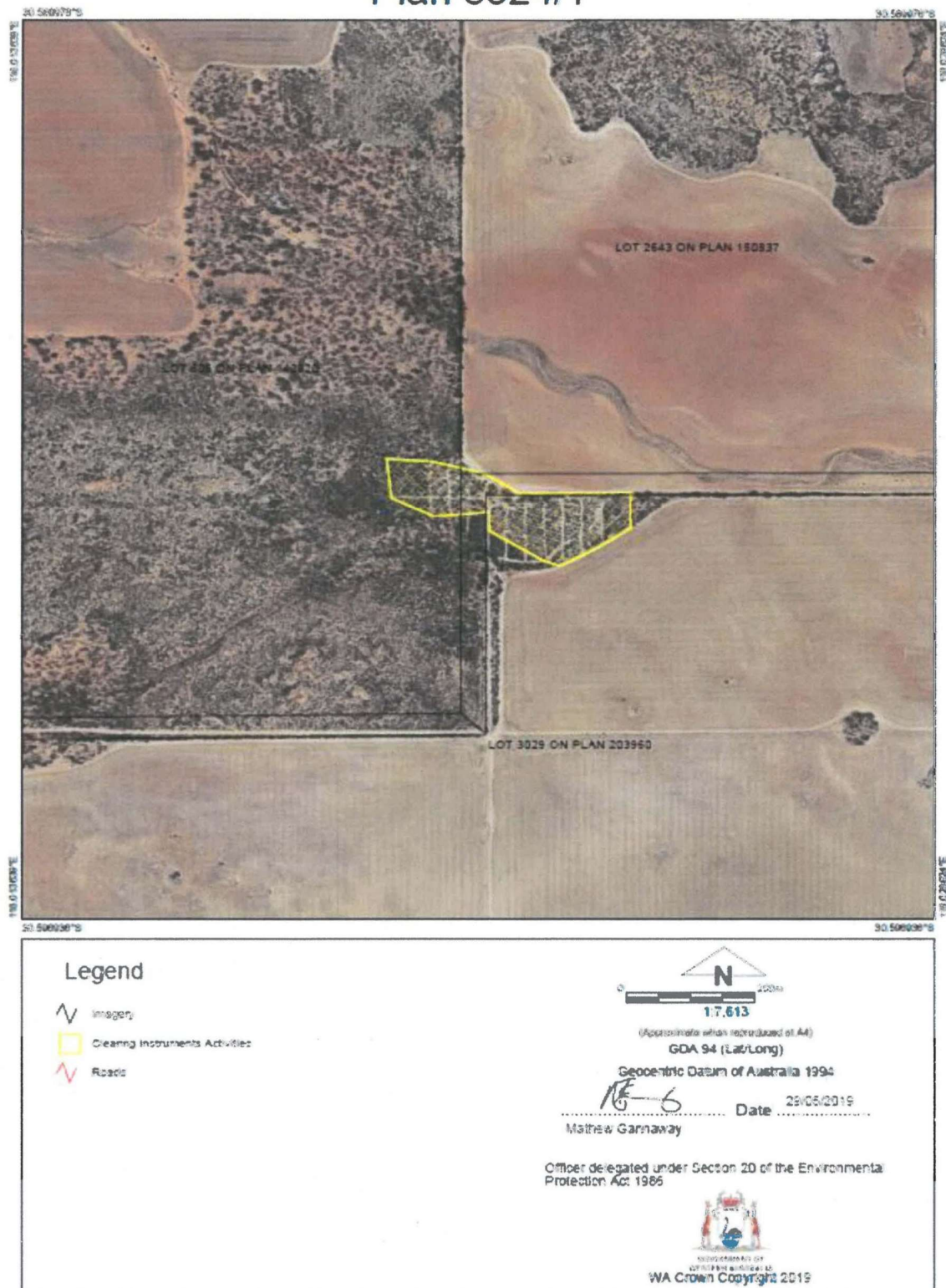


Figure 4. Clearing permit area