



Works approval number	W6551/2021/1
Works approval holder	Gold Valley Wiluna West Pty Ltd
ACN	673 280 530
Registered business address	10 Kings Park Road WEST PERTH, WA 6005
DWER file number	DER2021/000186
Duration	17/08/2021 to 16/08/2025
Date of issue	17/08/2021
Date of transfer	29/07/2024
Premises details	Wiluna West Project Sandstone-Wiluna Road, Wiluna Legal description - Partially within M53/1087 As depicted in the Premises map in Schedule 1; and As defined by the coordinates in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed 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.	3,000,000 tonnes per year

This works approval is granted to the works approval holder, subject to the attached conditions, on 29 July 2024, by:

Timothy Moran
**MANAGER, RESOURCE INDUSTRIES
INDUSTRY REGULATION**
Officer delegated under section 20 of the Environmental Protection Act 1986

29 July 2024

Works approval history

Date	Reference number	Summary of changes
17/08/2021	W6551/2021/1	Works approval granted.
29/07/2024	W6551/2021/1	Licence transferred to Gold Valley Wiluna West Pty Ltd.

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; and
 - (d) within the corresponding timeframe,
 as set out in Table 1.

Table 1: Design and construction / installation requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location	Timeframe
1.	1 x Mobile Modular crushing and screening circuit	(a) two staged crushing and screening plant to be installed with a maximum of 3Mtpa design capacity; (b) must be designed to minimise noise and vibration; (c) water sprays to be installed at the dust emission points in the crusher circuit to reduce dust generation.	Depicted in Schedule 1, Figure 2 as "Crushing and screening plant"	Prior to commencement of the commissioning phase
2.	Stormwater Management	(a) Stormwater catchment trench to be constructed with 1m wide and 0.5m depth at the Western edge of the ROM to capture potentially contaminated stormwater; (b) Stormwater diversion bunds to be constructed to divert surface water flows around processing plant area towards catchment trench.	Depicted in Schedule 1, Figure 2 as "Stormwater catchment trench"	Prior to commencement of the commissioning phase
3.	Water Cart	(a) Water carts, or equivalent, must be available at all times to effectively wet down the area of approved activities, roads and stockpiles of material to mitigate emissions of dust	Within proposed Stage 2 area as depicted in Schedule 1, Figure 1 and 2	At all times

	Infrastructure	Design and construction / installation requirements	Infrastructure location	Timeframe
4.	Chemical and hydrocarbon storage areas	<p>(a) to be bunded or located or on drip trays to contain any potential spills</p> <p>(b) chemical storage to be constructed with a containment capacity equivalent to 110% of the capacity of any tank or 25% of the total capacity of an interlinked system.</p>	Within proposed Stage 2 area as depicted in Schedule 1, Figure 1 and 2	Prior to commencement of the commissioning phase
5.	Sprinklers and water sprays	Dust suppression sprinklers and sprays to be installed on the product stockpiles.	Depicted in Schedule 1, Figure 2 as "Crushing and screening plant"	Prior to commencement of the commissioning phase

Compliance reporting

2. The works approval holder must within 30 calendar days of an item of infrastructure or equipment required by condition 1 being constructed and/or installed:
 - (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 on that compliance.
3. The Environmental Compliance Report required by condition 2, must include as a minimum the following:
 - (a) certification by a suitably qualified engineer (eligible for membership of the Institute of Engineers, Australia) 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.
4. Where an item of infrastructure has been certified as not being located or constructed, or does not comply with the corresponding requirements, the works approval holder must correct the non-compliant or defective works, prior to re-certifying, or provide to the CEO a description of, and explanation for, any departures from the requirements specified in condition 1 that do not relocation or rectification and do not constitute a material defect along with the Environmental Compliance Report.

Environmental commissioning phase

Environmental commissioning requirements

5. The works approval holder may only commence environmental commissioning of an item of infrastructure listed in condition 6 once the Environmental Compliance Report has been submitted for that item of infrastructure in accordance with condition 2 of this works approval.

6. Any environmental commissioning activities undertaken for an item of infrastructure specified in Table 2 may only be carried out:
- in accordance with the corresponding commissioning requirements; and
 - for the corresponding authorised commissioning duration.

Table 2: Environmental commissioning requirements

	Infrastructure	Commissioning requirements	Authorised commissioning duration
1.	Mobile Modular crushing and screening circuit	<p>Three staged environmental commissioning is comprised of:</p> <ol style="list-style-type: none"> Stage 1: progressive testing and commissioning of all systems; and Stage 2: Dry commissioning - dynamic testing of operating systems without any feed. Crusher aperture, interlock tolerances and the installation of the screen mats to be tested. Dust suppression sprays to be tested to ensure functionality; and Stage 3: feed to be introduced to the crusher circuit at a low rate and to be gradually increased to maximum design capacity 	For a period not exceeding 28 calendar days in aggregate

Environmental Commissioning Reporting

7. The works approval holder must submit to the CEO an Environmental Commissioning Report within 30 calendar days of the completion date of environmental commissioning for each item of infrastructure specified in Table 2.
8. The works approval holder must ensure the Environmental Commissioning Report required by condition 7 of this works approval includes the following:
- a summary of the environmental commissioning activities undertaken, including timeframes and amount of ore processed;
 - a review of the works approval holder's performance and compliance against the conditions of this works approval; and
 - where they have not been met, measures proposed to meet the manufacturer's design specifications and the conditions of this works approval, together with timeframes for implementing the proposed measures.

Time limited operations phase

Commencement and duration

9. The works approval holder may only commence time limited operations for an item of infrastructure identified in condition 11:
- where the item of infrastructure is not authorised to undertake environmental commissioning, the Environmental Compliance Report as required by condition 2 has been submitted by the works approval holder for that item of infrastructure; and

- (b) where the item of infrastructure is authorised to undertake environmental commissioning under condition 5, the Environmental Commissioning Report for that item of infrastructure as required by condition 7 has been submitted by the works approval holder.
10. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 11:
- (a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 9 for that item of infrastructure; or
- (b) until such time as a licence for that item of infrastructure is granted in accordance with Part V of the *Environmental Protection Act 1986*.

Time limited operations requirements and emission limits

11. During time limited operations, the works approval holder must ensure that the premises infrastructure and equipment listed in Table 3 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 3.

Table 3: Infrastructure and equipment requirements during time limited operation

	Infrastructure	Operational requirements	Infrastructure location
1.	Mobile Modular crushing and screening circuit	<p>(a) ore must be wet down prior to feeding into the crusher to minimise dust generation;</p> <p>(b) water sprays to be operated at the dust emission points in the crusher circuit to reduce dust generation;</p> <p>(c) daily visual inspections to be conducted to ensure that no visible dust generated from the primary activities crosses the boundary of the premises.</p>	Depicted in Schedule 1, Figure 2 as "Crushing and screening plant"
2.	Stormwater Management	<p>(a) stormwater catchment trench to be maintained with 1m wide and 0.5m depth at the Western edge of the ROM to capture potentially contaminated stormwater</p> <p>(b) stormwater diversion bunds to be maintained to divert surface water flows around processing plant area</p>	Depicted in Schedule 1, Figure 2 as "Stormwater catchment trench"
3.	Water cart	<p>(a) must be available at all times at the premises during operation</p> <p>(b) unsealed roads and exposed areas to be wetted down to minimise the dust generation</p>	Within proposed Stage 2 area as depicted in Schedule 1, Figure 1 and 2
4.	Chemical and hydrocarbon storage areas	<p>(a) to be located in bunded area or on drip trays to contain any potential spills</p> <p>(b) chemical storage containment capacity to be maintained equivalent to 110% of the capacity of any tank or 25% of the total capacity of an interlinked system.</p>	Within proposed Stage 2 area as depicted in Schedule 1, Figure 1 and 2

	Infrastructure	Operational requirements	Infrastructure location
5.	Sprinklers and water sprays	Dust suppression sprinklers and sprays to be operated on the product stockpiles as required to control levels of fugitive dust.	Depicted in Schedule 1, Figure 2 as "Crushing and screening plant"

Monitoring during time limited operations

12. The works approval holder must monitor and record the total volume of material extracted from the ground that is screened, washed, crushed, ground, milled, sized, or separated according to the parameters in Table 4.

Table 4: Monitoring requirement during time limited operation

Material type	Units	Frequency
Processed ore	tonnes	Continuous: data must be tabulated as monthly and annual period totals for reporting purposes.

Compliance reporting

13. 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 60 calendar days before the expiration date of the works approval, whichever is the sooner.
14. The works approval holder must ensure the report required by condition 13 includes the following:
- a summary of the time limited operations, including timeframes and a summary processed ore amount during time limited operations monitored and recorded under condition 12
 - a summary of the environmental performance of all infrastructure as constructed or installed (as applicable), which includes records detailing the:
 - crushing and screening plant;
 - dust suppression system; and
 - stormwater management system
 - a review of performance and compliance against the conditions of the works approval and the Environmental Commissioning Report; and
 - where the manufacturer's design specifications and the conditions of this works approval have not been met, what measures will the works approval holder take to meet them, and what timeframes will be required to implement those measures.

Records and reporting (general)

15. 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:
- the name and contact details of the complainant, (if provided);
 - 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.
- 16.** 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 work approval;
 - (c) monitoring programmes undertaken in accordance with condition 12; and
 - (d) complaints received under condition 15.
- 17.** The books specified under condition 16 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 5 have the meanings defined.

Table 5: Definitions

Term	Definition
annual period	a 12 month period commencing from 1 July until 30 June of the immediately following year.
Averaging period	means the time over which a limit is measured or a monitoring result is obtained.
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 commissioning	means the sequence of activities to be undertaken to test equipment integrity and operation, or to determine the environmental performance, of equipment and infrastructure to establish or test a steady state operation and confirm design specifications.
Environmental Commissioning Report	means a report on any commissioning activities that have taken place and a demonstration that they have concluded, with focus on emissions and discharges, waste containment, and other environmental factors.
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> .
premises	the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) in Schedule 1 to this works approval.

Term	Definition
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.
waste	has the same meaning given to that term under the EP Act.
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.
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 (**Error! Reference source not found.**).

Figure 1: Map of the boundary of the prescribed premises

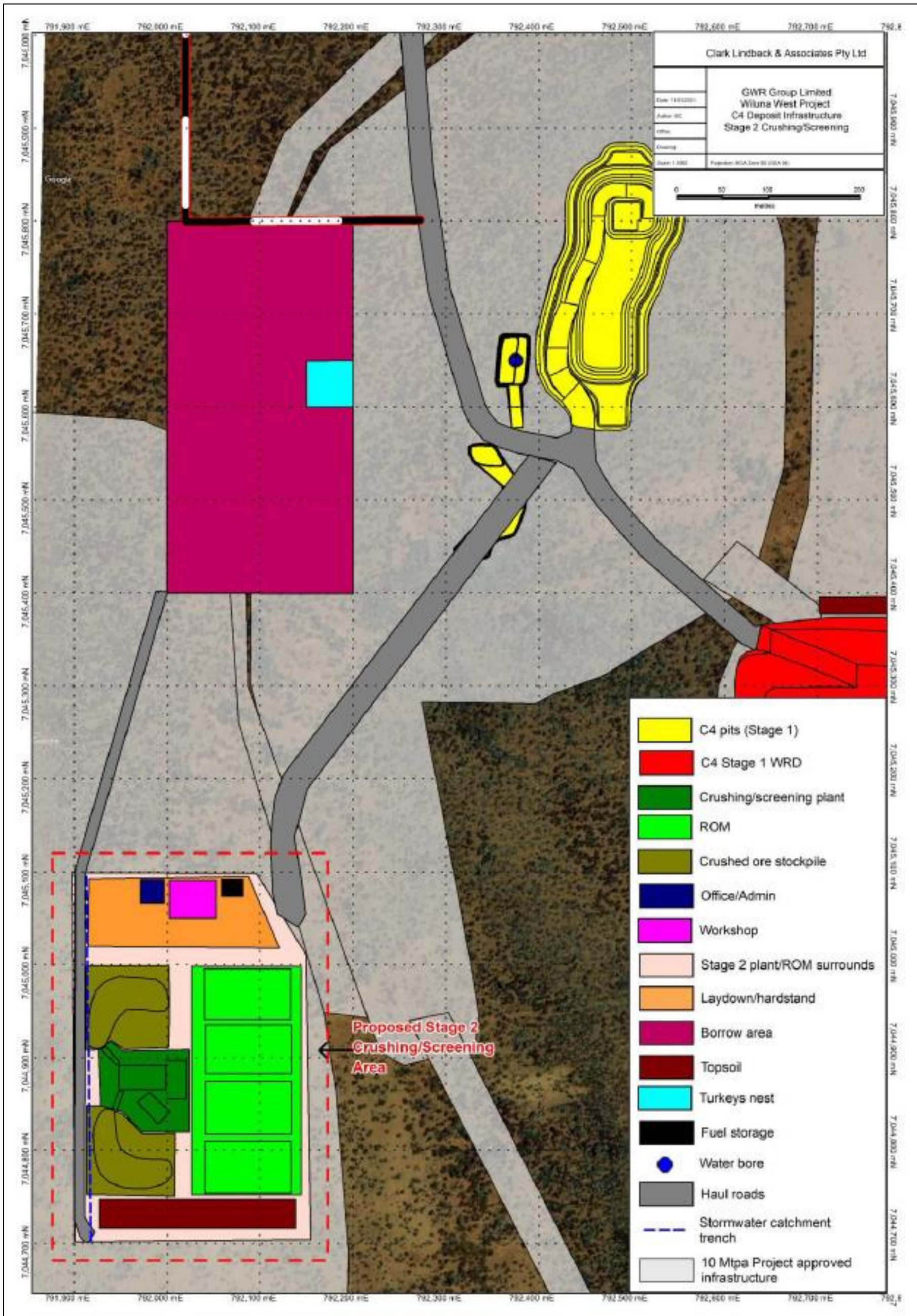


Figure 2: C4 Project (Stage 2) Premises Site Layout

Schedule 2: Premises boundary

The premises boundary is defined by the coordinates in Table 66.

Table 6: Premises boundary coordinates (GDA 1994)

Easting	Northing
-26.61667	119.92241
-26.70406	119.92463
-26.70388	119.95052
-26.70093	119.95063
-26.65838	119.95359
-26.61667	119.95252