



**Works approval number** W6576/2021/1

**Works approval holder** Habrok (Rydges) Pty Ltd  
**ACN** 640 781 568

**Registered business address** REMAGEN '7'  
17 Castlereagh Street  
SYDNEY NSW 2000

**DWER file number** DER2021/000387

**Duration** 16/09/2021 to 15/09/2026

**Date of issue** 16/09/2021  
**Date of amendment** 28/10/2021  
**Premises details** Matsu Iron Ore Project

Legal description  
Mining tenements G80/21 and M80/625 and Part of  
Mining tenements L80/82 and L80/84  
As defined by the coordinates in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	Assessed production / design capacity
Category 5: Processing or beneficiation of metallic or non-metallic ore	2,100,000 tonnes per annual period
Category 63: Class I inert landfill site	900 tonnes per annual period
Category 64: Class II putrescible landfill site	180 tonnes per annual period
<b>Assessed activities directly related to the above categories</b>	
Bioremediation facility for hydrocarbon contaminated wastes.	

This amended works approval amendment is granted to the works approval holder, subject to the attached conditions, on 28 October 2021, by:

**Melanie Bruckberger**

**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
16/09/2021	W6576/2021/1	Works approval granted.
28/10/2021	W6576/2021/1	Administrative amendment to fix error in volume of inert waste type 1 and inert waste type 2 approved for disposal in premises landfill.

## 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	Design and construction / installation requirements	Infrastructure location
1.	Crushing and screening plant	Must be comprised of the equipment outlined in Figure 2 of Schedule 1 or similar.  Must contain inbuilt water sprays for dust suppression.	As indicated in Figure 1 of Schedule 1.
2.	Landfill 1 Class II putrescible landfill	Landfill trenches must be constructed with the dimensions of 2m deep, 12m wide and 15m long with a design capacity of 180 tonnes.  Landfill trenches must be bunded so as divert surface water from the waste mass.  Landfill trenches must maintain a minimum 5m separation distance from groundwater.  Visible dust emissions must be suppressed during excavation works using a water cart.	
3.	Landfill 2 Class I inert landfill	Landfill areas to be incorporated into waste rock landforms within batters.  Landfill areas must maintain a minimum 5m separation distance from groundwater.	
4.	Bioremediation facility	Must be located on flat ground.  Area must be bunded with compacted in-situ clay, with bund dimensions to be 1m high and 1m wide.	

## 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 person authorised to represent the works approval holder 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.

## Time limited operations phase

### Commencement and duration

4. The works approval holder may only commence time limited operations for an item of infrastructure identified in condition 1 where the Environmental Compliance Report as required by condition 2 has been submitted by the works approval holder for that item of infrastructure.
5. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 6 (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 licence for that item of infrastructure is granted in accordance with Part V of the *Environmental Protection Act 1986*, if one is granted before the end of the period specified in condition 5(a).

### Time limited operations requirements and emission limits

6. 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 and screening plant	Must be maintained in good working order. In built water sprays must be in use when visible dust is generated from crushing and screening. Stockpiles of processed and unprocessed	As indicated in Figure 1 of Schedule 1.

	Site infrastructure and equipment	Operational requirement	Infrastructure location
		ore must be located so as to avoid surface drainage lines.	
2.	Landfill 1 Class II putrescible landfill	Only putrescible and inert waste type 1 generated from within the premises must be accepted.  Accepted wastes must meet the criteria for a Class II landfill outlined in the LWCWD. Wastes must be covered at least monthly. Windblown waste must be recovered immediately and returned to the tipping face.  Emissions of visible dust must be suppressed using a water cart. No burning of waste is to occur.	
3.	Landfill 2 Class I inert landfill	Only 650 tonnes of tyres (inert waste type 2) and 250 tonnes of inert waste type 1 must be accepted per annual period.  Accepted wastes must meet the criteria for a Class I landfill outlined in the LWCWD. Stockpiles of tyres must not exceed 100 tyres.  Wastes must be covered at least monthly. Wastes must be positioned within the waste rock landfill to ensure stability is not compromised.	
4.	Bioremediation facility	Must only be used for the treatment of hydrocarbon contaminated soils generated within the premises.	

### Compliance reporting

7. 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 the sooner.
8. The works approval holder must ensure the report required by condition 7 includes the following:
  - (a) a summary of the time limited operations, including timeframes and amount of ore processed;
  - (b) a summary of the quantity and classifications of wastes accepted to the landfill facilities;
  - (c) a summary of the environmental performance of all infrastructure as constructed or installed (as applicable);
  - (d) a review of performance and compliance against the conditions of the works approval; and

- (e) 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)

- 9. 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.
- 10. 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 6; and
  - (c) complaints received under condition 9.
- 11. The books specified under condition 10 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
annual period	a 12 month period commencing from 1 January until 31 December of the immediately following year.
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 <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
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</i> (WA).
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA).
Inert waste type 1	has the meaning defined in the LWCWD
Inert waste type 2	has the meaning defined in the LWCWD
LWCWD	means the <i>Landfill Waste Classification and Waste Definitions 1996</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: Map of the boundary of the prescribed premises Figure 1 in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
putrescible waste	has the meaning defined in the LWCWD

Term	Definition
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.

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**END OF CONDITIONS**



## Schedule 1: Maps

### Premises map

The boundary of the prescribed premises is shown in the map below.

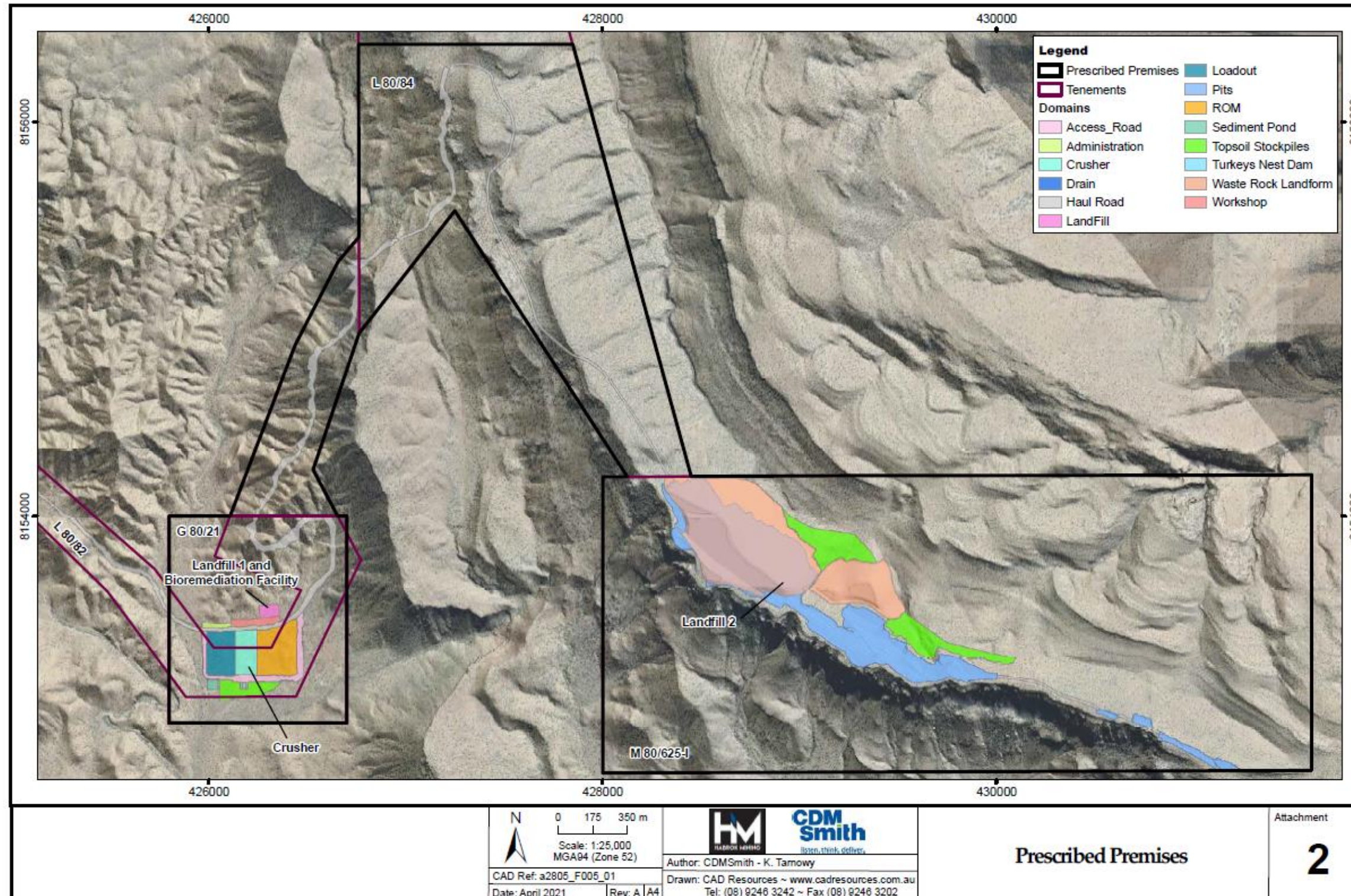


Figure 1: Map of the boundary of the prescribed premises



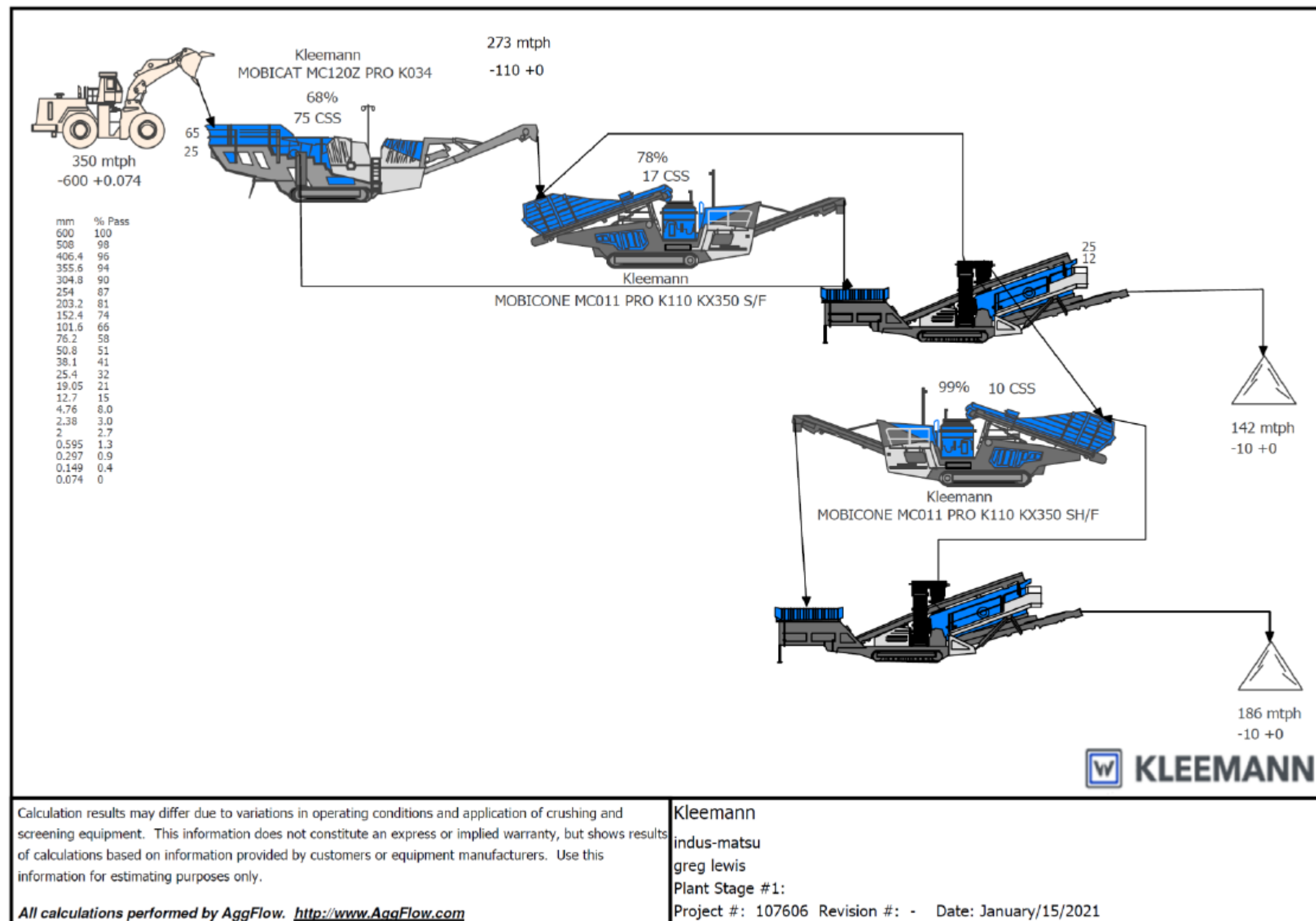


Figure 2: Crushing and screening plant equipment

## Schedule 2: Premises boundary

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

**Table 4: Premises boundary coordinates (GDA 2020 Zone 52)**

Easting	Northing
436758	8156765
427750	8156750
428450	8154200
431600	8154209
431600	8152710
428000	8152700
428000	8154197
428125	8154198
427250	8155550
426764	8154930
426529	8154240
426655	8154003
426700	8154000
426700	8152950
425800	8152950
425800	8154000
426097	8153997
426424	8154844
426646	8155273
426756	8155409

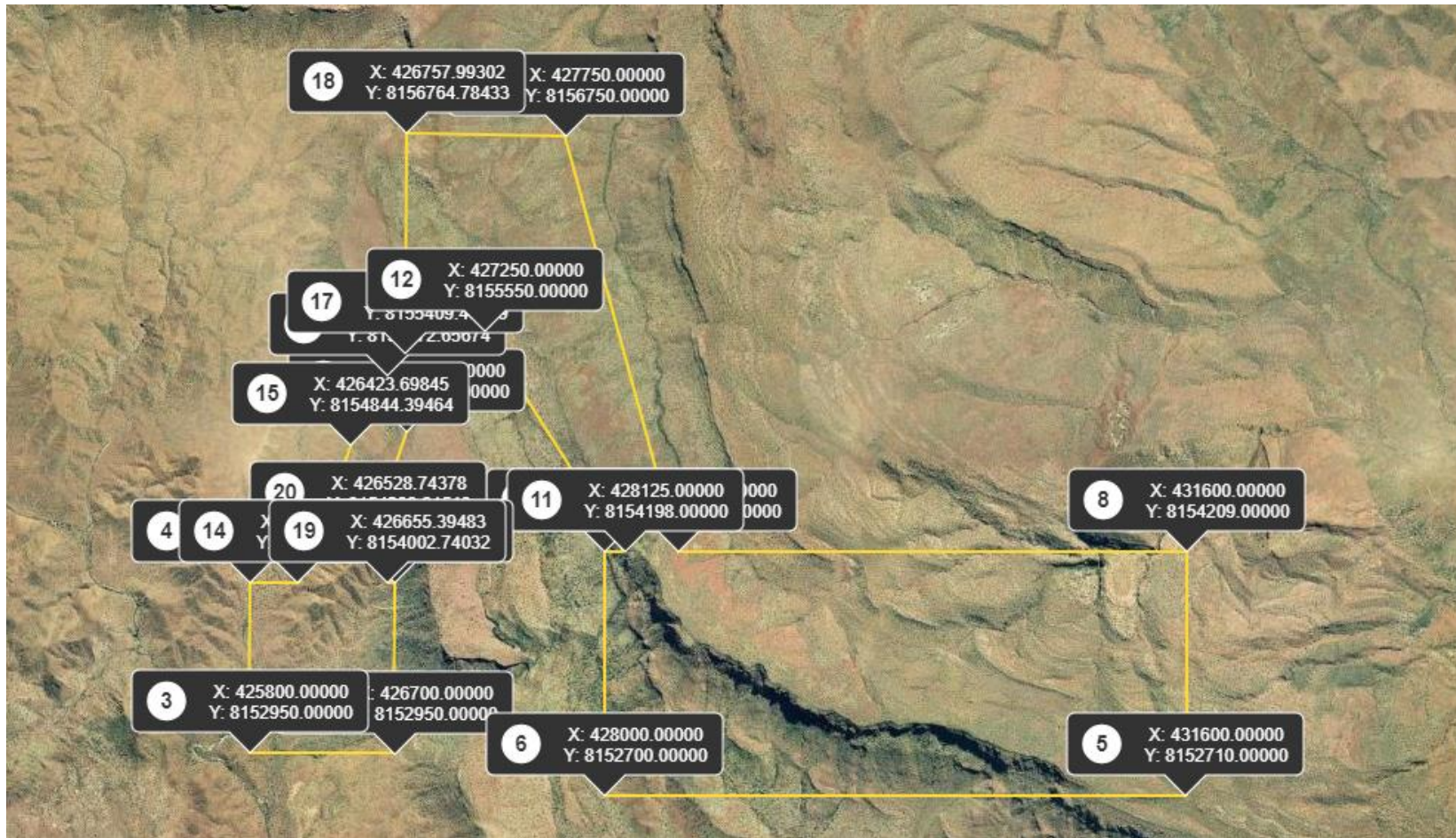


Figure 3: Premises coordinates