

**Preston**  
Consulting

# **EXTENSION BULK SAMPLE PROJECT**

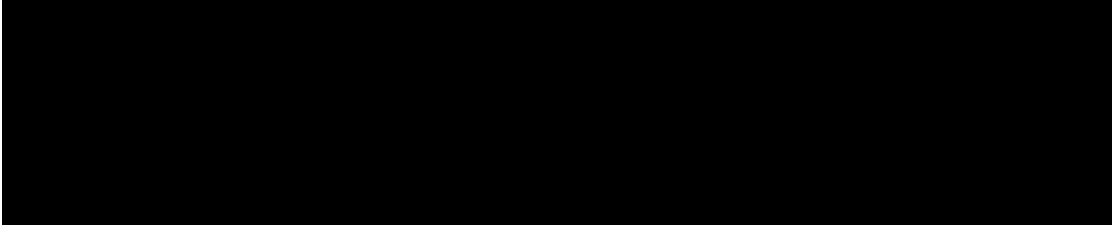
## **WORKS APPROVAL APPLICATION**

### **SUPPORTING ATTACHMENTS**

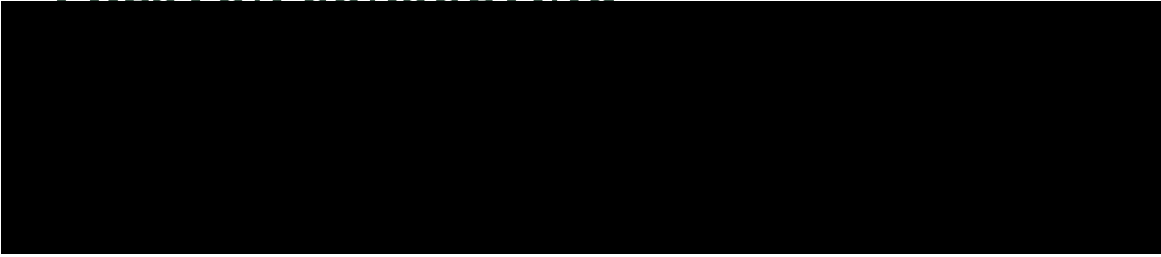
7 April 2026  
PREPARED FOR MACRO METALS LIMITED  
BY PRESTON CONSULTING PTY LTD

Proponent contact details:

## MACRO METALS LIMITED



## PRESTON CONSULTING



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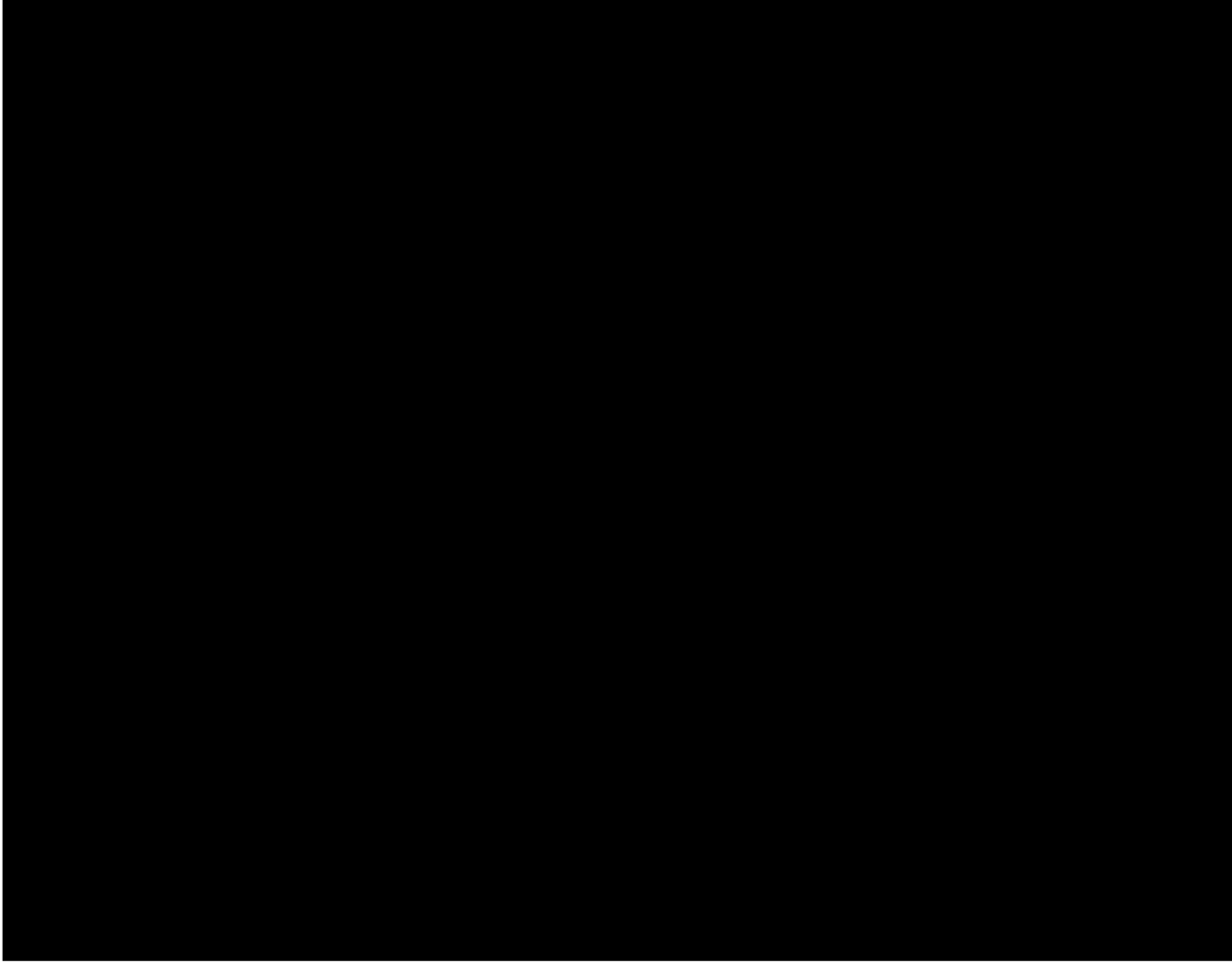
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## **ACKNOWLEDGEMENT OF COUNTRY**

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***Preston Consulting acknowledges the Traditional Owners of the lands on which it works, in particular the Whadjuk People of the Noongar Nation and, the and the Martu People of the Noongar Nation, the Traditional Owners of the land on which the activity is proposed. Preston Consulting pays its respects to Aboriginal and Torres Strait Islander Peoples Past and Present, and recognise their continuing connection to land, waters, sky, culture and community***





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## ATTACHMENT 1A: PROOF OF APPLICANT STATUS

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Please see the following page for a copy of the Mining Tenement Summary Report for Mining Lease M47/1355 retrieved on 05 January 2026 from the Department of Mines, Petroleum and Exploration – Mineral Titles Online (eMiTS).



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## ATTACHMENT 2: MAP OF PRESCRIBED PREMISES

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Please see the following pages for the Project location (Figure 1) and the prescribed premises and indicative site layout (Figure 2).



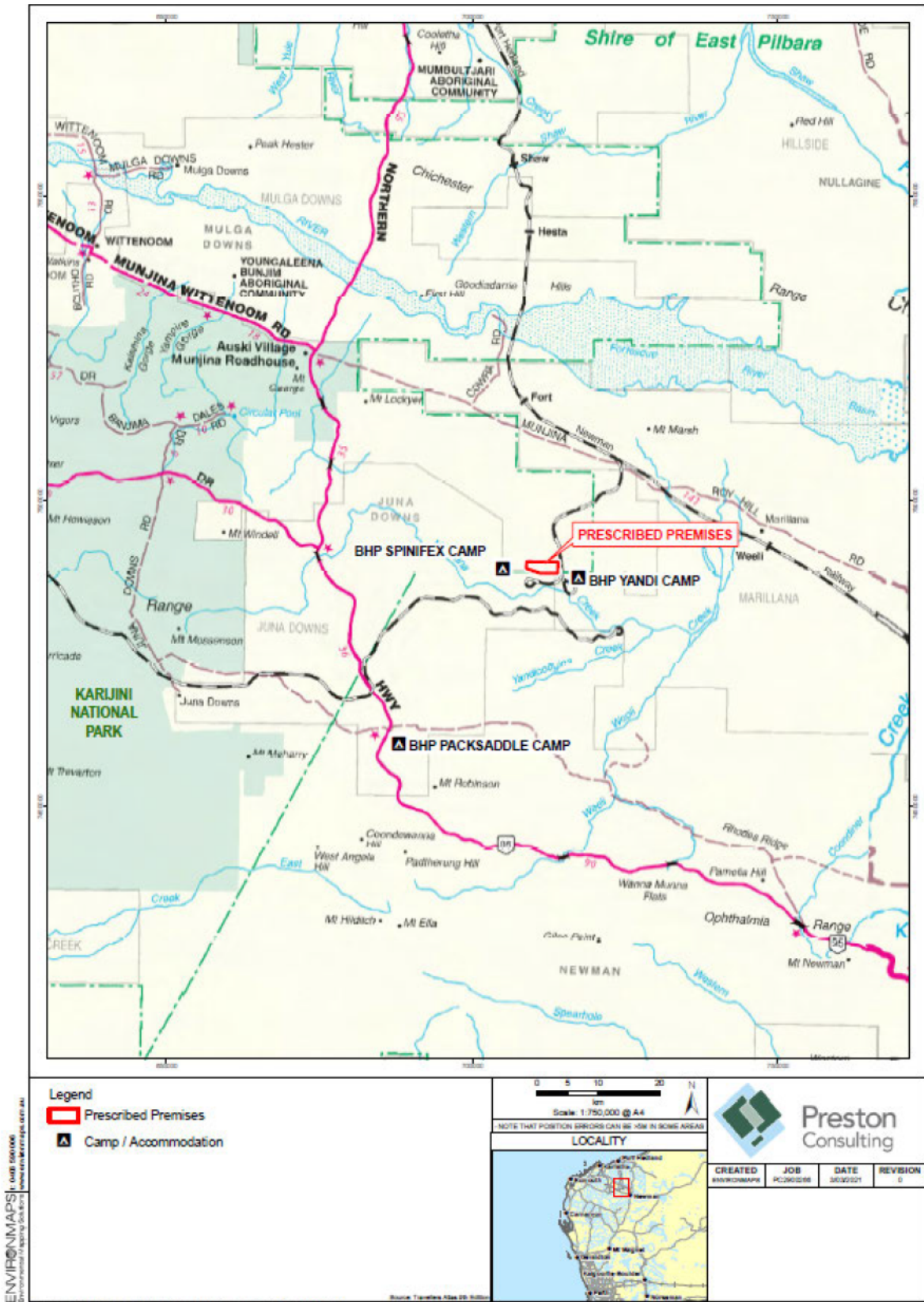


Figure 1: Regional location



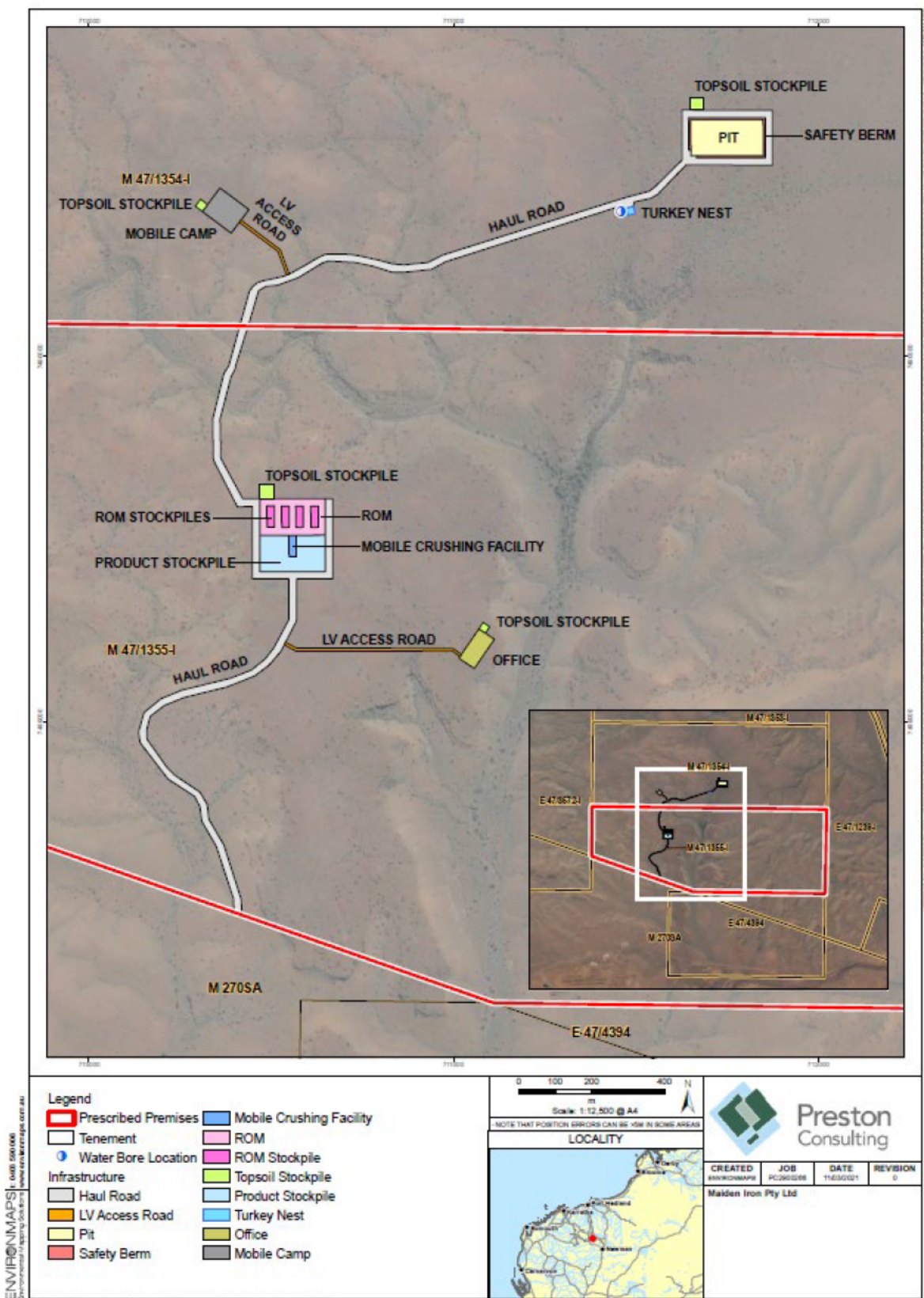


Figure 2: Prescribed Premises and indicative site layout



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## ATTACHMENT 3B: PROPOSED ACTIVITIES

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### 3B.1 - PROJECT OVERVIEW

The Extension Deposit Bulk Sample (Project) is located in the Pilbara region of Western Australia (WA), approximately 130 kilometres (km) north west from Newman (Attachment 2, Figure 1). It is planned to be a small-scale iron ore mining operation designed to enable prospective customers to understand the behaviour of the ore through offsite blending and steel production processes. It is intended to provide sufficient information to secure contractual arrangements for the sale of ore under longer term contracts for the future implementation of the full Extension Project under Ministerial Statement 1005.

Project Rusty Pty Ltd (Project Rusty) has recently purchased the Project tenements from the Australian Aboriginal Mining Company Pty Ltd. The project tenements (M47/1353-1, M47/1354-1 and M47/1355-1) are currently shown in the tenement register as owned by Maiden Iron Pty Ltd (formerly Australian Aboriginal Mining Corporation Pty Ltd). Tenement transfers are currently being assessed and are expected to be formerly updated on the tenement register in January 2026. A Letter of Authority has been provided in the interim (Attachment 1C).

Macro Mining services Pty Ltd, a wholly owned subsidiary of Macro Metals Pty Ltd (Macro Metals), plan to develop the Project under a mining services contract awarded by Project Rusty. The Project is wholly owned by Project Rusty and Macro Metals is a related entity holding a 27.27% ownership interest in Project Rusty. Macro Metals will be responsible for controlling the implementation of the Project and ensuring compliance with the implementation conditions on behalf of the proponent, Project Rusty.

Project Rusty proposes to construct and operate a mobile crushing facility (MCF) at the Project on mining tenement M 47/1355 (Attachment 2, Figure 2) to ensure ore is adequately sized for safe and efficient haulage.

The life of the Project is expected to be approximately 12 months.

W6550/2021/1 was held by the previous proponent (Australian Aboriginal Corporation Pty Ltd), providing approval for a mobile crusher for the Project. However, the Project was not commenced by the previous proponent and W6550/2021/1 expired in September 2024. This Application is for the construction of similar equipment so that Project Rusty can revive the Project.

### 3B.2 - SCOPE OF PROPOSED ACTIVITIES

This Works Approval application has been submitted to obtain approval under Part V of the *Environmental Protection Act 1986* (WA) (EP Act) for the construction of a MCF to conduct temporary screening and crushing of ore prior to haulage. Table 1 shows the relevant details and classification for the proposed prescribed premises, under Schedule 1 of the *Environmental Protection Regulations 1987*.



**Table 1: Expected prescribed premises category and production details**

Category	Category capacity	Design capacity	Estimated Throughput
[5]: Processing or beneficiation of metallic or non-metallic ore.	50 000 tonnes or more per year	5.2 Million tonnes per year	200,000 tonnes per year

The Prescribed Premises boundary is aligned with the M 47/1355 tenement boundary (Attachment 2, Figure 2).

### 3B.3 - PROCESS OVERVIEW

The components of the MCF included in this application are:

- Crusher feed / ROM stockpile;
- MCF unit including:
  - Hopper;
  - Vibrating pan and grizzly feeder;
  - Jaw crushing plant,
  - Conveyor;
  - Dust suppression system consisting of sprays bars with atomiser nozzles mounted over crusher mouth, product conveyor feed and discharge points; and
- Crushed ore stockpiles.

The MCF will be fitted with a dust suppression system consisting of sprays bars with atomiser nozzles mounted over the crusher mouth, product conveyor feed and discharge points.

Indicative design plans for the MCF components are shown in Figure 3.



## WORKING (VGF OR PAN FEEDER & 2 DECK LIVE PRE-SCREEN)

### SHOWN WITH;

- Standard product conveyor
- Product conveyor dust covers
- Bypass conveyor
- Extended hopper flares
- Pre-screen
- Additional rear upper platform
- Waterpump

(Weight Subject to change without notice)

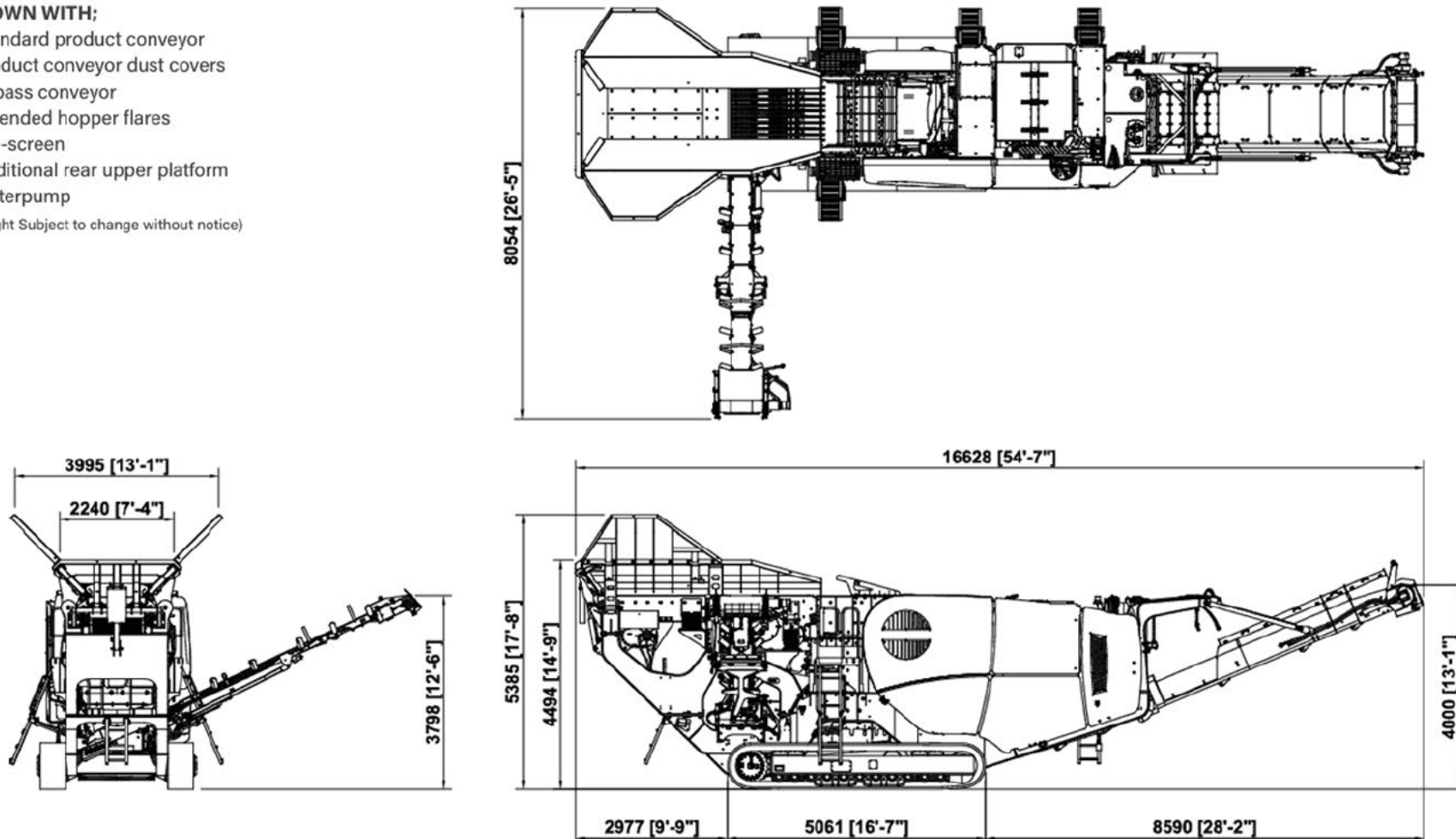


Figure 3: Indicative MCF design plan



### ***Construction***

The site will be graded to ensure that all stormwater, wash-down and spillage water run-off is contained and directed to a collection and settling sump.

The stages of construction for the MCF will occur in the sequence described below:

- Site preparation, access tracks and earthwork for the MCF site area;
- Relocation of excess material to laydown areas;
- Mobilisation of MCF - arrives on flat-bed trucks;
- Completion of installation and connection of MCF sections; and
- Connection to power and water supply, electrical instrumentation works.

### ***Operation***

Material will be hauled to the location of the MCF, where it will be fed directly to the crusher or, alternatively, placed onto the feed stockpile from where it will be subsequently recovered and fed to the crusher.

All suitable screened material will be crushed and screened. The final product will either be loaded on to trucks directly from the MCF or stockpiled for later transport.

A diagram showing the indicative process flow is provided in Figure 4.

### ***Time Limited Operations***

A 180 day period of time limited operations is requested, to allow operation of the MCF to continue whilst a transfer to Licence application is submitted and assessed by the Department of Water and Environmental Regulation.

### ***Power Supply***

Power will be supplied by individual diesel gensets located on site. All gensets and associated fuel storage will be self-bunded to ensure that any potential spills are contained. Gensets will be refuelled by a dedicated service vehicle that is equipped with a spill kit. Personnel on site will be trained on how to mitigate and handle any potential spills. This service vehicle will also be used for servicing of the MCF.

### ***Water Supply***

All water required for the MCF will sourced from the Project bore in accordance with the Project's licence to take groundwater (application currently under assessment).



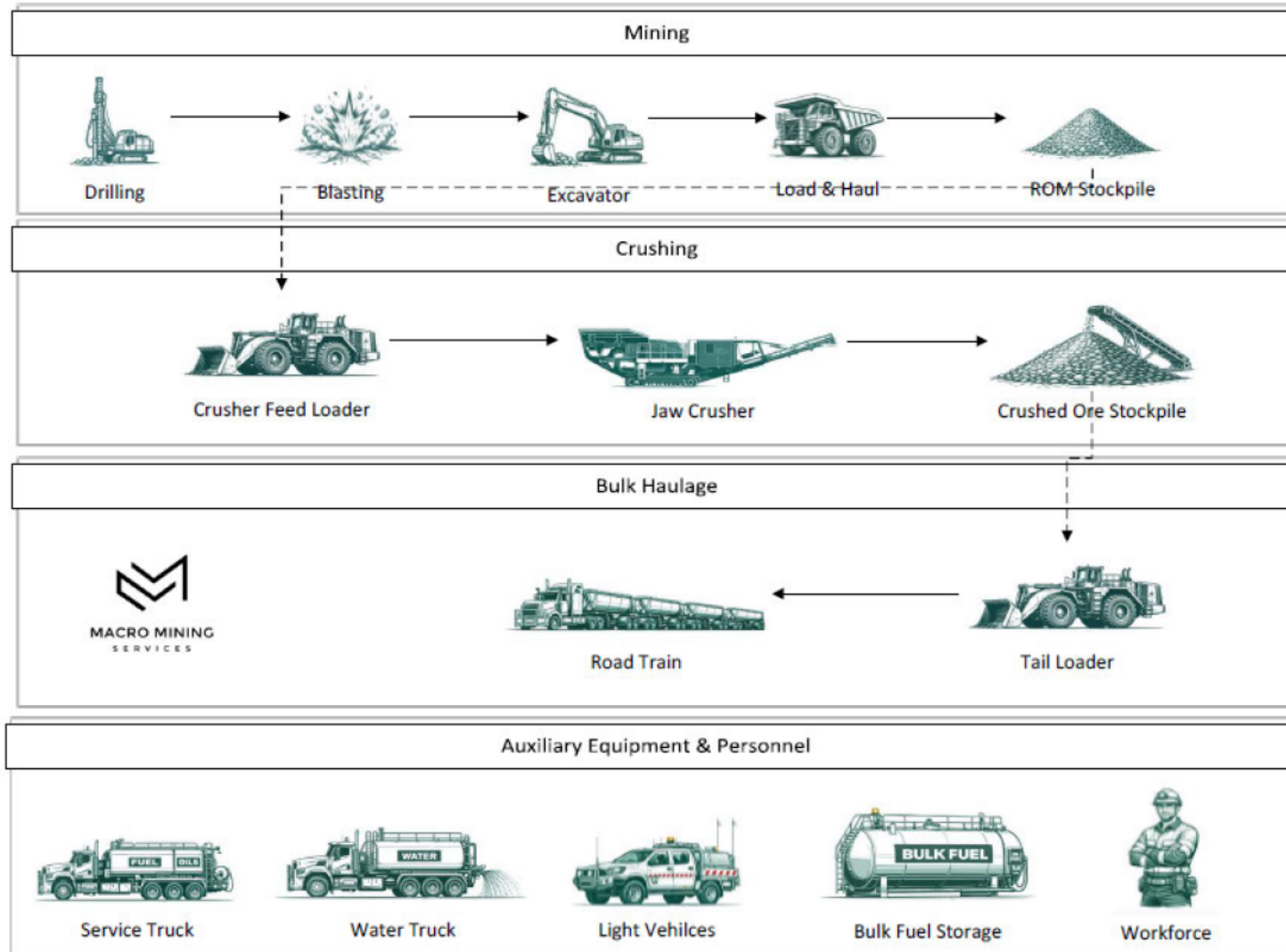


Figure 4: Process flow diagram



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## ATTACHMENT 5: OTHER APPROVALS AND CONSULTATION

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### 5.1 – OTHER APPROVALS

#### **Part IV Environmental Protection Act 1986 (WA)**

Clearing will be carried out under item 2 schedule 1 of the Clearing of Native Vegetation Regulations 2004 under the EP Act, allowing for up to 10 ha to be cleared on the mining tenement per year.

#### **Part V Environmental Protection Act 1986 (WA)**

A Works Approval application was submitted by the previous proponent and approved by DWER in September 2021 (W6550/2021/1 - expired in September 2024). This Works Approval application is for the construction of similar equipment so that Project Rusty can revive the Project. No other approvals under Part V of the EP Act are required for the Bulk Sample.

#### **Mining Act 1978 (WA)**

The Project has *Mining Act 1978 (WA)* approval under the Extension Deposit Bulk Sample Small Operations Mining Proposals (REG ID: 47680 & 96725).

#### **Dangerous Goods Safety Act 2004 (WA)**

The quantity of diesel and minor other fuels stored on site will not require a Storage of Dangerous Goods Licence.

### 5.2 - STAKEHOLDER CONSULTATION

Project Rusty have consulted key stakeholders regarding the Project including:

- Local Indigenous groups (Banjyma people) regarding native title and Aboriginal heritage;
- DMPE regarding *Mining Act 1978 (WA)* approvals; and
- Local miners and pastoralists regarding tenure, access agreements and ore sales.

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## ATTACHMENT 6A: EMISSIONS AND DISCHARGES

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Table 2 details all potential emissions and discharges from these Prescribed Premises.



Table 2: Potential emissions and discharges from the Prescribed Premises

Source of emission or discharge	Volume and frequency	Proposed Controls
<b>Noise</b>		
<p>The MCF has the potential to produce noise and vibration due to activities associated with construction and the process, and motors used to drive the MCF.</p>	<p>Noise modelling has not been completed as the nearest receptor is 6.5 km from the premises.</p>	<p><b>Management:</b></p> <ul style="list-style-type: none"> <li>Noise emissions during construction and operation will be managed in accordance with the Environmental Protection (Noise) Regulations 1997.</li> <li>Equipment will be regularly serviced and maintained.</li> </ul> <p><b>Monitoring:</b></p> <ul style="list-style-type: none"> <li>Project Rusty will maintain an incident reporting system to assist in managing environmental incidents such as excessive noise emissions.</li> <li>Noise complaints will be investigated and issues remedied if required.</li> </ul>
<b>Contaminated or potentially contaminated stormwater</b>		
<p>There are no planned stormwater emissions associated with the Project.</p> <p>The unintentional contamination of stormwater may occur as a result of:</p> <ul style="list-style-type: none"> <li>Leaks or spillages of hydrocarbons or chemicals; or</li> <li>Sediment runoff from stockpiles or cleared areas.</li> </ul>	<p>Unintentional discharge only. Hydrocarbons and chemicals are not stored on site in large quantities. All hydrocarbons will be stored on banded pallets or in accordance with AS1940 – 2017.</p> <p>Sediment management for the crusher will be integrated with the site drainage, with drainage from cleared areas directed to sediment traps.</p> <p>The Project is located on the mesa tops, avoiding gullies and flow lines and is unlikely to receive any significant stormwater flows across the site.</p> <p>The short term nature of the Bulk Sample makes the likelihood of an extreme flood event very unlikely.</p>	<p><b>Management:</b></p> <ul style="list-style-type: none"> <li>Containing and appropriately treating potentially contaminated stormwater prior to disposal.</li> <li>The site will be graded to ensure that all stormwater, wash-down and spillage water run-off is directed to a settling sump from where it can be recycled for dust suppression purposes.</li> <li>Perimeter bunding will be installed (if required) to minimise stormwater entering the site.</li> <li>Runoff from stockpiles diverted to sediment basins.</li> </ul> <p><b>Monitoring:</b></p> <ul style="list-style-type: none"> <li>Project Rusty will maintain an incident reporting system to assist in managing environmental incidents such as contaminated stormwater.</li> <li>Hydrocarbon and chemical storage areas will be inspected on a regular basis.</li> <li>Sediment sumps will be inspected on a regular basis and excavated if required to maintain capacity.</li> <li>Spill kits will be inspected on a regular basis and replenished as required.</li> </ul>



Source of emission or discharge	Volume and frequency	Proposed Controls
<b>Dust</b>		
<p>There is the potential for dust emissions during construction and from the operation of the MCF. Emissions are associated with construction, the stockpiles, the transfer of material from the stockpile to the grizzly hopper, the crusher, the fines product screen and product handling.</p> <p>The potential impacts associated with the emissions of dust include:</p> <ul style="list-style-type: none"> <li>• Potential health impacts to workers exposed to high dust levels;</li> <li>• Loss of amenity in dust affected areas;</li> <li>• A source of sediment in localised runoff; and</li> <li>• Physical impacts on the health of vegetation and fauna habitat from 'smothering'.</li> </ul>	<p>The nearest sensitive receptor is 6.5 km from the premises.</p> <p>Dust modelling has not been completed, but dust is not expected to be emitted at levels that would cause the potential impacts identified.</p> <p>The short term nature of the Bulk Sample makes the likelihood of build-up of dust to problematic levels very unlikely.</p>	<p><b>Management:</b></p> <ul style="list-style-type: none"> <li>• Dust suppression will be used during the crushing and screening process. Dust suppression consists of sprinklers on crushers and screens and shields and covers on conveyors and transfer points.</li> <li>• Water suppression will be applied on stockpiles, hardstand areas, bare areas and access roads.</li> <li>• Speed limits on roads.</li> </ul> <p><b>Monitoring:</b></p> <ul style="list-style-type: none"> <li>• Opportunistic inspections for dust emissions will be undertaken during construction and operation of the MCF to ensure dust control measures are being implemented and are effective.</li> <li>• If visible dust emissions are noted then an assessment of the source will be made and additional water will be applied to key source areas, or alternative treatments applied.</li> <li>• The potential for high risk weather conditions for dust emissions (i.e. windy conditions) will be monitored and extra water applied in preparation.</li> <li>• Project Rusty will maintain an incident reporting system to assist in managing environmental incidents such as excessive dust emissions.</li> </ul>

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## ATTACHMENT 7: SITING AND LOCATION

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### 7.1 DISTANCE TO NEAREST SENSITIVE LAND USES

The Project lies within a remote area and the nearest sensitive receptors are BHP's Yandi and Spinifex accommodation camps, approximately 6.5 km to the east.

### 7.2 DISTANCE TO SPECIFIED ECOSYSTEMS

The prescribed premises is not located within any 'Specified Ecosystem' as described in Environmental Siting Guidance Statement (Department of Environmental Regulation, 2016).

There are no Threatened Ecological Communities or Priority Ecological Communities within close proximity to the Project.

There are no recorded Priority Flora in close proximity to the operating area.

## GLOSSARY

Abbreviation	Term
dB	Decibel
DMPE	Department of Mines, Petroleum and Exploration
DWER	Department of Water and Environmental Regulation
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
km	Kilometer
M	Mining Tenement
Macro Metals	Macro Metals Limited
MCF	Mobile Crushing Facility
Mining Act	<i>Mining Act 1978</i>
Project	Extension Bulk Sample Project
Project Rusty	Project Rusty Pty Ltd
ROM	Run of mine ROM
WA	Western Australia

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## REFERENCES

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Department of Water and Environmental Regulation. (2016). *Guideline: Environmental siting – Part V, Division 3, Environmental Protection Act 1986*. Government of Western Australia. <https://www.wa.gov.au/system/files/2023-06/guideline-environmental-siting.pdf>