



## Application for Works Approval

### Part V Division 3 of the *Environmental Protection Act 1986*

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|                              |  |
|------------------------------|--|
| <b>Works Approval Number</b> | W6636/2022/1   |
| <b>Applicant</b>             | Boab Metals Limited  |
| <b>ACN</b>                   | 107 159 713  |
| <b>File number</b>           | DER2018/001042-6   |
| <b>Premises</b>              | Part of Mining Lease M80/286<br>KUNUNURRA WA 6473<br><br>As defined by the premises maps attached to the issued works approval |
| <b>Date of report</b>        | 10 March 2022  |
| <b>Decision</b>              | Works approval granted   |

Alana Kidd  
Manager, Resource Industries  
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

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## 1. Decision summary

This decision report documents the assessment of potential risks to the environment and public health from emissions and discharges during the construction and time-limited operation of the premises. As a result of this assessment, works approval W6636/2022/1 has been granted.

## 2. Scope of assessment

### 2.1 Regulatory framework

In completing the assessment documented in this decision report, the Department of Water and Environmental Regulation (the department; DWER) has considered and given due regard to its regulatory framework and relevant policy documents which are available at <https://dwer.wa.gov.au/regulatory-documents>.

### 2.2 Application summary and overview of premises

On 23 November 2021, the applicant submitted an application for a works approval to the department under section 54 of the *Environmental Protection Act 1986* (EP Act).

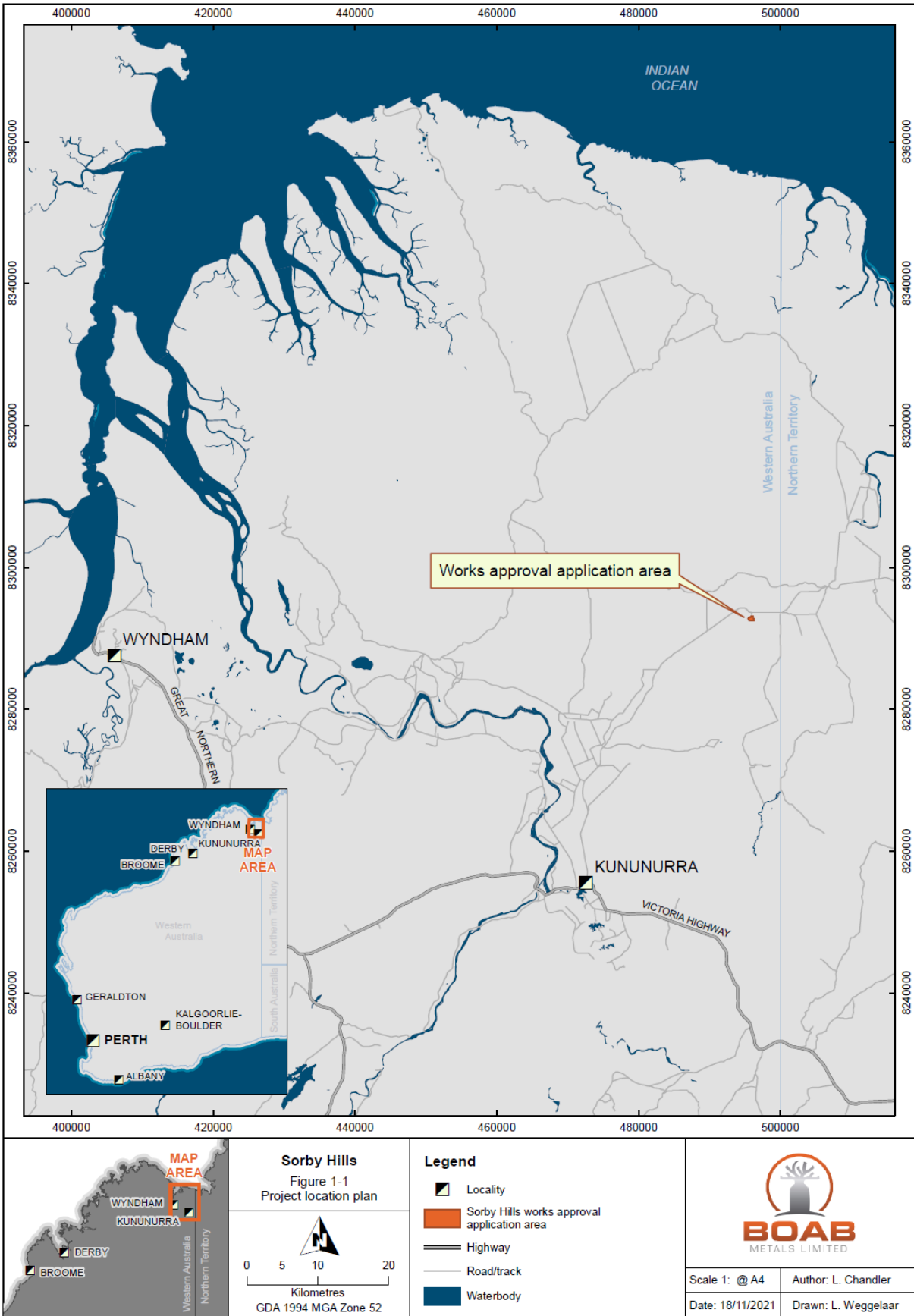
The application is to undertake construction works relating to the installation and operation of a mobile crushing and screening plant (category 12), for the crushing and screening of rocks, which will be utilised in the construction of hardstand areas, laydowns, and haul roads at the premises. It is estimated that the design capacity for the crushing and screening plant is 2 million tonnes per annum. The premises is approximately 43 km north-east of Kununurra (Figure 1 and Figure 2).

The premises relates to the category and assessed production / design capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in works approval W6636/2022/1. The infrastructure and equipment relating to the premises category and any associated activities which the department has considered in line with *Guideline: Risk Assessments* (DWER 2020a) are outlined in works approval W6636/2022/1 (Figure 2 and Figure 3).

### 2.3 Part IV of the EP Act

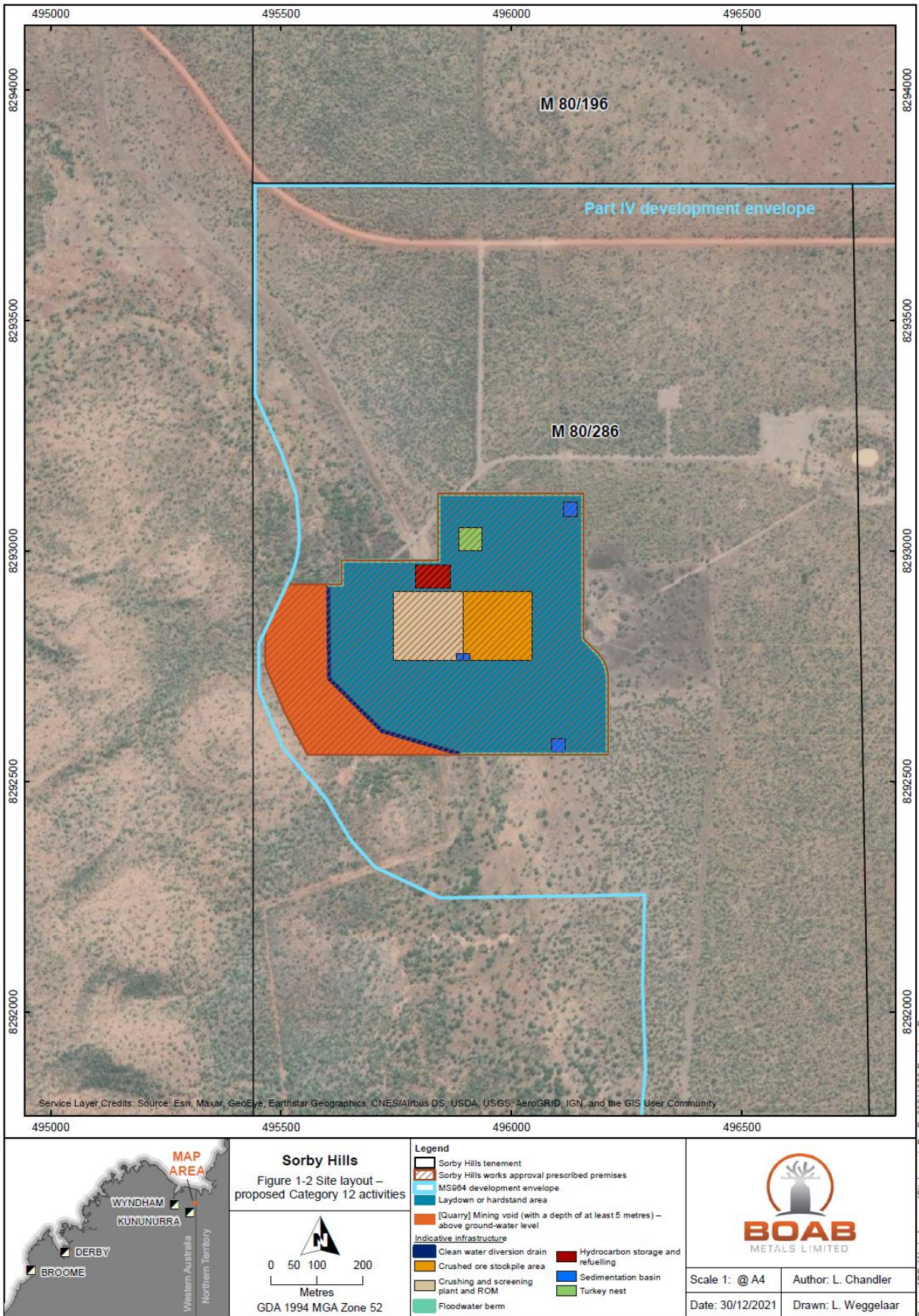
Ministerial Statement (MS) 964 (EPA Report 1491) was approved on 2 April 2014 for the construction and operation of a silver, lead, and zinc, mine, associated infrastructure, and processing facilities. The concentrate produced will be transported by road and shipped through Wyndham Port. An extension was approved on 27 May 2019 (MS 1097; EPA Report 1632) to the time limit for proposal implementation.

MS 964 stipulates that groundwater abstraction associated with the implementation of the project should not cause vegetation loss of more than the 573 hectares (ha) clearing approved in the 1045 ha Project Development Envelope (EPA 2014). The proposed clearing of 64 ha for this works approval is approved under the MS 964. The Threatened flora species, *Typhonium* sp. Kununurra (A.N. Start ANS 1467) will be regulated by a Section 40 Ministerial authorisation under the *Biodiversity Conservation Act 2016* (BC Act).

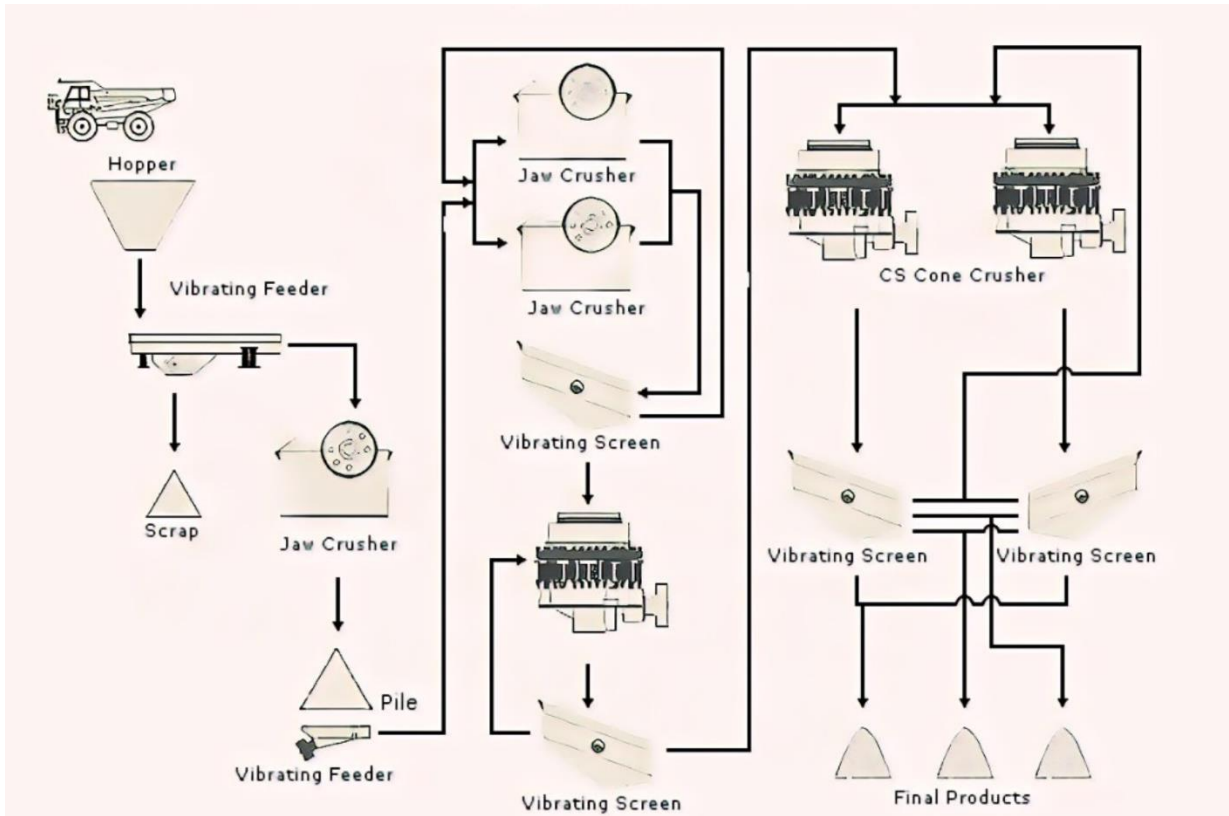


**Figure 1: Premises location**

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**Figure 2: Prescribed premises boundary and site layout**



**Figure 3: Schematic diagram of the mobile crushing and screening plant operations**

### 3. Risk assessment

The department assesses the risks of emissions from prescribed premises and identifies the potential source, pathway, and impact to receptors in accordance with the *Guideline: Risk Assessments* (DWER 2020a). To establish a risk event there must be an emission, a receptor which may be exposed to that emission through an identified actual or likely pathway, and a potential adverse effect to the receptor from exposure to that emission.

#### 3.1 Source-pathways and receptors

##### 3.1.1 Emissions and controls

The key emissions and associated actual or likely pathway during premises construction and operation which have been considered in this decision report are detailed in Table 1 below. Table 1 also details the control measures the applicant has proposed to assist in controlling these emissions, where necessary. It should be noted due to the low-lying terrain of the premises, during construction operational areas and roads will be raised to prevent seasonal flooding that occurs of the wet season over the summer months.

**Table 1: Proposed applicant controls**

| Emission            | Sources   | Potential pathways  | Proposed controls  |
|---------------------|---|---|--|
| <b>Construction</b> |   |   |  |
| Dust                | <p>Movement and installation of mobile crushing and screening plant and associated equipment</p> <p>Site establishment works</p> <p>Vehicle movements</p> | <p>Air/windborne pathway</p> <p>Smothering causing reduced photosynthetic functions of vegetation and impact to air quality</p> | <ul style="list-style-type: none"> <li>• Dust suppression will be undertaken during construction as indicated below;               <ul style="list-style-type: none"> <li>- Sprays and misters will be installed on the conveyor, chutes, and feed point on the mobile crushing and screening plant</li> <li>- Conveyors will be covered to minimise dust lift-off</li> <li>- Water carts using a spray bar delivery system will be used to water down roads</li> <li>- Boom sprinklers will be adjacent to the road to water down roads</li> <li>- Sufficient water will be available at all times to meet dust suppression requirements</li> <li>- Vehicle speeds and movements shall be managed by a Traffic Management Plan, including traffic restricted to designated roads and off-road driving is prohibited on site. It's expected 100-200 truck movements per day within the prescribed premises boundary for the purpose of crushing and screening. This will be dependent on source of material and</li> </ul> </li> </ul> |

| Emission  | Sources  | Potential pathways   | Proposed controls   |
|---|--|--|---|
|   |  |  | distance to placement of crushed material   |
| Sediment laden and/or contaminated stormwater to surface and/or groundwater | Installation of mobile crushing and screening plant and associated equipment<br><br>Site establishment works   | Overland runoff potentially causing ecosystem disturbance<br><br>Runoff from area following rain / drainage              | <ul style="list-style-type: none"> <li>Operational areas and roads will be raised where the terrain is low-lying</li> </ul>   |
| <b>Operation</b>  |  |  |   |
| Dust  | Operating a mobile crushing and screening plant (i.e., crushing, screening, unloading/loading, and stockpiling of material) and dust suppression sprays<br><br>Vehicle movements | Air/windborne pathway<br><br>Smothering causing reduced photosynthetic functions of vegetation and impact to air quality | <ul style="list-style-type: none"> <li>Dust suppression will be undertaken during operations as outlined below; <ul style="list-style-type: none"> <li>Sprays and misters to be used on the conveyor, chutes, and feed point on the mobile crushing and screening plant</li> <li>Water carts using a spray bar delivery system will be used to water down roads</li> <li>Boom sprinklers will be adjacent to the road to water down roads</li> <li>Sufficient water will be available at all times to meet dust suppression requirements</li> <li>Vehicle speeds and movements shall be managed by a Traffic Management Plan, including traffic restricted to designated roads and off-road driving is prohibited on site. It's expected 100-200 truck movements per day within the prescribed premises boundary for the purpose of crushing and screening. This will be dependent on source of material and distance to placement of crushed material</li> </ul> </li> </ul> |
| Discharge of contaminants to land (e.g., hydrocarbons spill)                | Operating a mobile crushing and screening plant (i.e., crushing, screening, unloading/loading, and stockpiling of material) and dust   | Seepage/spillage potentially causing ecosystem disturbance/soil contamination  | <ul style="list-style-type: none"> <li>All crushing and screening will occur over the dry season</li> <li>Appropriate maintenance on vehicles and associated machinery to minimise spillage</li> <li>Generators are double skinned fuel tanks and banded to minimise risk of</li> </ul>   |



| Emission | Sources  | Potential pathways | Proposed controls  |
|----------|--|--------------------|--|
|          | <p>suppression sprays</p> <p>Servicing and/or maintenance of mobile plant, vehicles, and associated machinery</p> <p>Refuelling, accidental spillage, leaks, and equipment malfunction (e.g., lines bursting)</p> <p>Storage of hydrocarbons<br/>(Approximately 10,000 L of diesel storage and 100 L of mixed lubricants and oils for maintenance purposes)</p> <p>Vehicle movements</p> |                    | <p>spillage</p> <ul style="list-style-type: none"> <li>• Hazardous chemicals, fuel, and other hydrocarbons will be stored and managed in accordance with <i>AS1940 – 2017 (as amended 2019 and 2021): Storage and handling of flammable and combustible liquids</i></li> <li>• Hazardous chemicals, fuel, and other hydrocarbons will be in a bunded area</li> <li>• Spill kits and other spill management equipment will be available on site</li> <li>• Hydrocarbons / chemicals (appropriate to volume and type) stored on site will always be clearly labelled and visible at the appropriate storage areas</li> <li>• All site personnel will be trained in spill responses, the use, storage, and disposal of hydrocarbons and other hazardous materials on site</li> <li>• All site personnel using or handling hazardous materials will be aware and follow safety data sheets (SDS) guidance prior to commencing works</li> <li>• Weekly inspections will be conducted of storage areas to identify any potential leaks or other issues</li> <li>• An up-to-date inventory of hydrocarbons, and other hazardous materials in storage will be maintained, including their quantities</li> <li>• Oils and lubricants will be stored in a weatherproof sea container</li> <li>• A bund and collection sump will be installed at the vehicle refuelling area</li> <li>• Refuelling procedures will be implemented for mobile equipment that includes the following: <ul style="list-style-type: none"> <li>- demarcated location for refuelling shall be maintained;</li> <li>- refuelling area shall be a hardstand area and be self-bunded;</li> <li>- drip trays between the fuel tank and vehicle will be used to collect any spills during refuelling; and</li> <li>- stormwater potentially contaminated will be collected</li> </ul> </li> </ul> |

| Emission  | Sources  | Potential pathways  | Proposed controls   |
|---|--|---|---|
|   |  |   | <p style="text-align: center;">and treated</p> <ul style="list-style-type: none"> <li>• All contaminated materials will be disposed of following the SDS and at an off-site licensed facility, the Kununurra landfill</li> </ul>  |
| Sediment laden and/or contaminated stormwater to surface and/or groundwater | <p>Operating a mobile crushing and screening plant (i.e., crushing, screening, unloading/loading, and stockpiling of material) and dust suppression sprays</p> <p>Servicing and/or maintenance of mobile plant, vehicles, and associated machinery</p> <p>Refuelling, accidental spillage, leaks, and equipment malfunction (e.g., lines bursting)</p> <p>Storage of hydrocarbons</p> <p>Vehicle movements</p> | <p>Overland runoff potentially causing ecosystem disturbance</p> <p>Runoff from area following rain / drainage</p> <p>Seepage causing contamination of surface water and/or groundwater</p> | <ul style="list-style-type: none"> <li>• All crushing and screening will occur over the dry season</li> <li>• Erosion and sediment control measures will be incorporated into the prescribed premises boundary to reduce runoff from the stockpiles and potential release of sediments to the surface water</li> <li>• Stockpile materials are to be located away from drainage lines</li> <li>• Diversion drains are to be constructed around the crushing and screening area</li> <li>• Bunding is to be placed around the crushing and screening plant and stockpiles to restrict runoff</li> <li>• Sediment basins are to be constructed within the crushing and screening plant to control quality of runoff outside of the operating area</li> <li>• Appropriate maintenance will be undertaken on vehicles and associated machinery to minimise spillage</li> <li>• Hydrocarbons will be stored and managed in accordance with <i>AS1940 – 2017 (as amended 2019 and 2021): The storage and handling of flammable and combustible liquids</i> and the Department of Water's (DoW) <i>Water Quality Protection Note: Stormwater Management at Industrial Sites</i> (DoW 2002)</li> <li>• Hazardous chemicals, fuel, and other hydrocarbons will in a bunded area</li> <li>• Spill kits and other spill management equipment will be available on site</li> <li>• Hydrocarbons / chemicals (appropriate to volume and type) stored on site will always be clearly labelled and visible at the storage areas</li> <li>• All site personnel will be trained in spill responses, the use, storage, and</li> </ul> |

| Emission | Sources | Potential pathways | Proposed controls  |
|----------|---------|--------------------|--|
|          |         |                    | <p>disposal of hydrocarbons and other hazardous materials on site</p> <ul style="list-style-type: none"> <li>All site personnel using or handling hazardous materials will be aware and follow materials safety data sheets (SDS) guidance prior to commencing works</li> <li>All contaminated materials will be disposed of following the SDS and at an off-site licensed facility, the Kununurra landfill</li> </ul> |

### 3.1.2 Receptors

In accordance with the *Guideline: Risk Assessment* (DWER 2020a), the Delegated Officer has excluded the applicant's employees, visitors, and contractors from its assessment. Protection of these parties often involves different exposure risks and prevention strategies and is provided for under other state legislation.

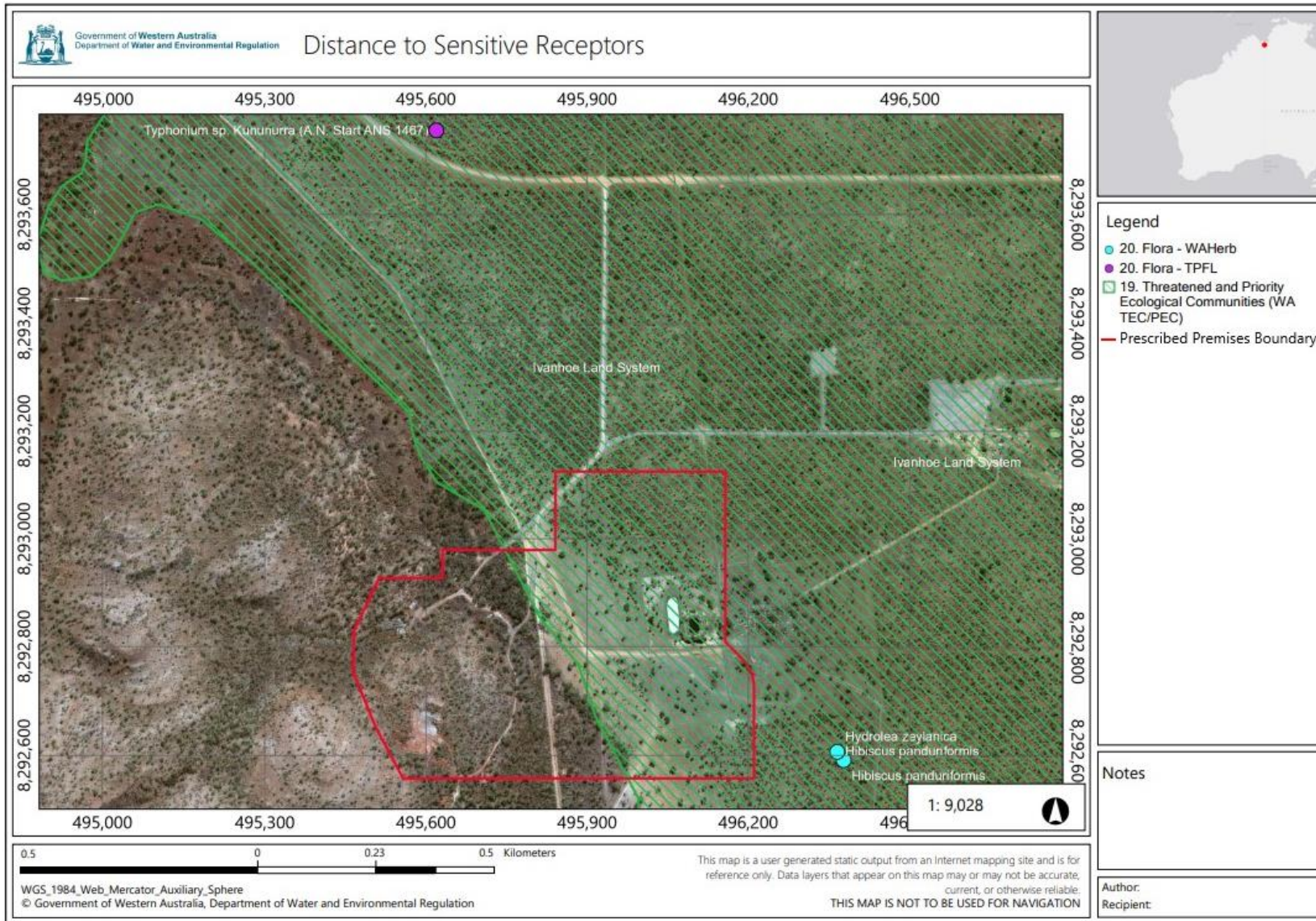
Table 2 and Figure 4 and Figure 5 below provides a summary of potential human and environmental receptors that may be impacted as a result of activities upon or emission and discharges from the prescribed premises (*Guideline: Environmental Siting* (DWER 2020b)).

**Table 2: Sensitive human and environmental receptors and distance from prescribed activity**

| Human receptors   | Distance from prescribed activity   |
|---|---|
| Kumbrarumba community   | Approximately 26 km south from most southern corner of the prescribed premises boundary.<br><b>This receptor is screened out due to distance from the prescribed premises boundary.</b> |
| Wawulm community  | Approximately 29 km south-west from southern corner of the prescribed premises boundary.<br><b>This receptor is screened out due to distance from the prescribed premises boundary.</b> |
| Environmental receptors   | Distance from prescribed activity   |
| Goomig Conservation Park (Section 5(1)(h))                                  | Within 330 m west of the prescribed premises boundary.  |
| Darmalanka Conservation Park (Section 5(1)(h))                              | Approximately 4.8 km north-east of the prescribed premises boundary.  |
| Wiljim Nature Reserve   | Approximately 7.5 km north-west of the prescribed premises boundary.  |
| Priority Ecological Communities (PEC)<br><i>Ivanhoe Land System P3(iii)</i> | Within the prescribed premises boundary with the majority in the proposed laydown or hardstand areas.   |

| Environmental receptors  | Distance from prescribed activity   |
|--|---|
| PEC<br><i>Oryza australiensis</i> (wild rice) grasslands on alluvial flats of the Ord River P1                             | Approximately 3.9 km west of the prescribed premises boundary.  |
| Threatened (T)/Priority Flora  | <ol style="list-style-type: none"> <li>1. <i>Typhonium</i> sp. Kununurra (A.N. Start ANS 1467) T approximately 685 m north of the prescribed premises boundary.</li> <li>2. <i>Alibigaardia pachyptera</i> P1 within the prescribed premises s boundary.</li> <li>3. <i>Croton arnhemicus</i> P1 within the prescribed premises s boundary.</li> <li>4. <i>Hibiscus panduriformis</i> P1 approximately 160 m east of the prescribed premises boundary.</li> <li>5. <i>Hydrolea zeylanica</i> P1 approximately 160 m east of the prescribed premises boundary.</li> <li>6. <i>Goodenia malvina</i> P1 within the prescribed premises boundary.</li> <li>7. <i>Fimbristylis laxiglumis</i> P2 within the prescribed premises boundary.</li> <li>8. <i>Minuria macrorhiza</i> P2 within the prescribed premises boundary.</li> </ol> <p><b>Note: Any potential impacts to <i>Typhonium</i> sp. Kununurra (A.N. Start ANS 1467) T will be regulated by a Section 40 Ministerial authorisation under the BC Act.</b></p> <p><b>Priority flora potentially impacted through clearing have been assessed / approved under MS964. Priority flora were identified during flora and vegetation surveys in 2011 and 2012 undertaken by Animal Plant Mineral Pty Ltd.</b></p> |
| Threatened/Priority Fauna  | <ol style="list-style-type: none"> <li>1. Water-rat, rakali (<i>Hydromys chrysogaster</i>) P4 approximately 5.1 km north-west of the prescribed premises boundary.</li> <li>2. Orange leaf-nosed bat (<i>Rhinonicteris aurantia</i>) P4 approximately 6 km east of the prescribed premises boundary.</li> </ol>   |
| Ord River and Tributaries / Ord Irrigation District<br><i>RIWI Act 1914</i> (Surface Water Areas and Irrigation Districts) | Within the prescribed premises boundary.  |
| Canning-Kimberley Groundwater Area<br><i>RIWI Act 1914</i> (Groundwater Areas)   | Within the prescribed premises boundary.  |
| Jungil Complex (Registered place ID 15427)   | Approximately 360 m north of the prescribed premises boundary.  |
| Border Creek   | Approximately 3.4 km north of the prescribed premises boundary.   |
| Knox Creek   | Approximately 5.4 km south of the prescribed  |

|            |  |
|------------|--|
|            | premises boundary.   |
| Keep River | Approximately 6.7 km south-east of the prescribed premises boundary. |



**Figure 4: Distance to sensitive receptors**

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IR-T13 Decision report template (short) v3.0 (May 2021)

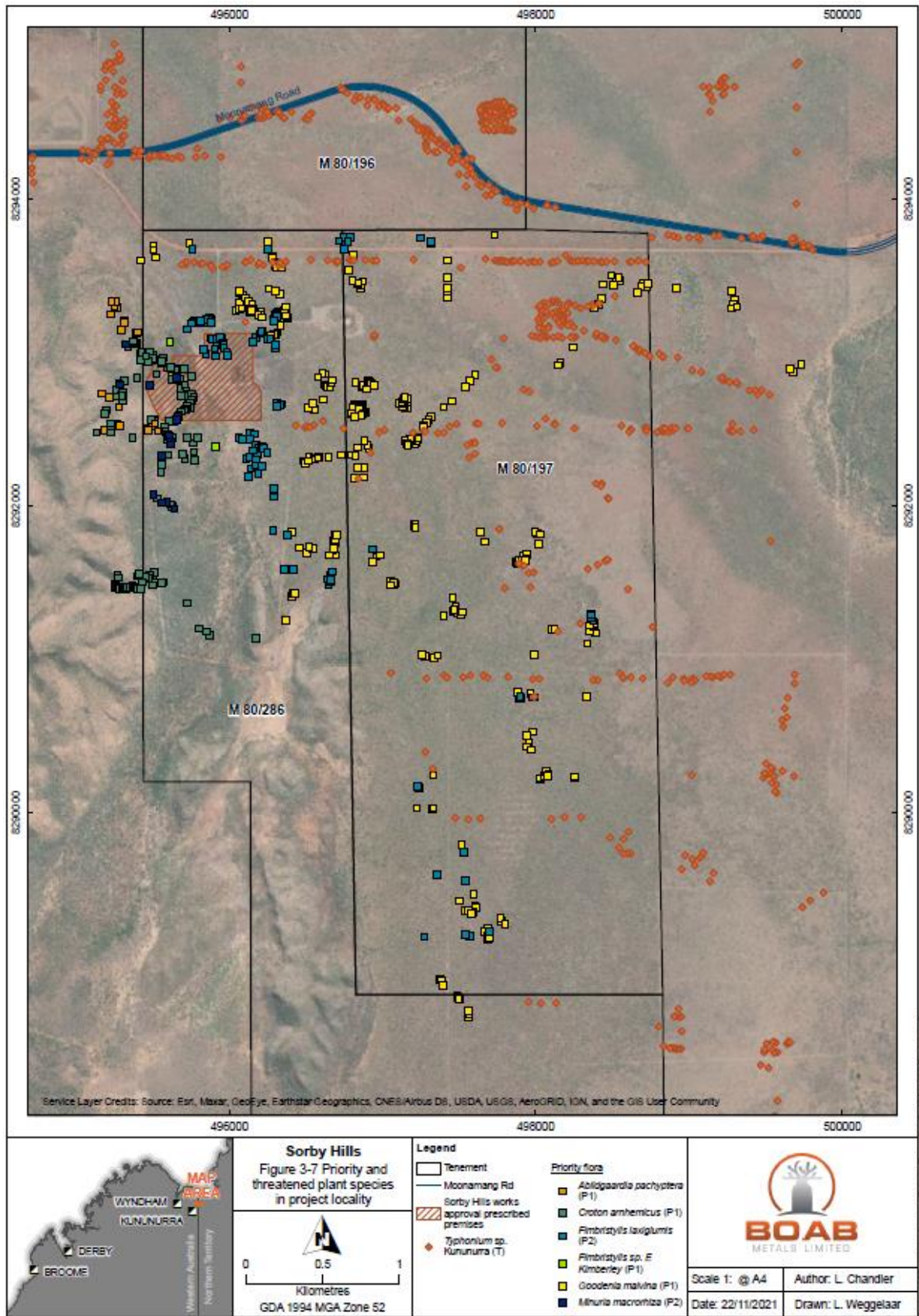


Figure 5: Threatened and priority flora species

## 3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guideline: Risk Assessments* (DWER 2020a) for each identified emission source and takes into account potential source-pathway and receptor linkages as identified in Section 3. Where linkages are in-complete they have not been considered further in the risk assessment.

Where the applicant has proposed mitigation measures/controls (as detailed in Section 3), these have been considered when determining the final risk rating. Where the delegated officer considers the applicant's proposed controls to be critical to maintaining an acceptable level of risk, these will be incorporated into the works approval as regulatory controls.

Additional regulatory controls may be imposed where the applicant's controls are not deemed sufficient. Where this is the case the need for additional controls will be documented and justified in Table 3.

Works approval W6636/2022/1 that accompanies this decision report authorises construction and operation. The conditions in the issued works approval, as outlined in Table 3 have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

A licence is required following the time-limited operational phase authorised under the works approval to authorise emissions associated with the ongoing operation of the premises i.e., category 5, 6, and 85A activities. A risk assessment for the operational phase has been included in this decision report, however licence conditions will not be finalised until the department assesses the licence application.



**Table 3: Risk assessment of potential emissions and discharges from the premises during construction and operation**

| Risk events   |  |  |  |                      | Risk rating <sup>1</sup>                        | Applicant controls sufficient? | Conditions <sup>2</sup> of works approval  | Justification for additional regulatory controls |
|---|--|--|--|----------------------|---|--------------------------------|--|--|
| Sources / activities  | Potential emission   | Potential pathways and impact  | Receptors  | Applicant controls   | C = consequence<br>L = likelihood               |                                |  |  |
| <b>Construction</b>   |  |  |  |                      |   |                                |  |  |
| Movement and installation of mobile crushing and screening plant and associated equipment<br><br>Site establishment works<br><br>Vehicle movements  | Dust   | Air/windborne pathway<br><br>Smothering causing reduced photosynthetic functions of vegetation and impact to air quality | Nearby vegetation<br><br>Threatened/Priority Flora<br><br>Ambient air quality                          | Refer to Section 3.1 | C = Slight<br>L = Rare<br><b>Low Risk</b>       | Y                              | Condition 6, Table 2 – Operational requirements (Dust Controls)  | N/A  |
| <b>Operation</b>  |  |  |  |                      |   |                                |  |  |
| Operating a mobile crushing and screening plant (i.e., crushing, screening, unloading/loading, and stockpiling of material) and dust suppression sprays<br><br>Vehicle movements                            | Dust   | Air/windborne pathway<br><br>Smothering causing reduced photosynthetic functions of vegetation and impact to air quality | Nearby vegetation<br><br>Threatened/Priority Flora<br><br>Ambient air quality                          | Refer to Section 3.1 | C = Slight<br>L = Unlikely<br><b>Low Risk</b>   | Y                              | Condition 6, Table 2 – Operational requirements (Dust Controls)  | N/A  |
| Operating a mobile crushing and screening plant (i.e., crushing, screening, unloading/loading, and stockpiling of material) and dust suppression sprays<br><br>Servicing and/or maintenance of mobile plant | Discharge of contaminants to land (e.g., hydrocarbons spill) | Seepage/spillage potentially causing ecosystem disturbance/soil contamination  | Nearby vegetation<br><br>Threatened/Priority Flora<br><br>Nearby native fauna<br><br>Surrounding soils | Refer to Section 3.1 | C = Minor<br>L = Unlikely<br><b>Medium Risk</b> | Y                              | Condition 1, Table 1 – Construction requirements<br><br>Condition 6, Table 2 – Operational requirements (Discharge of Contaminants to Land Controls) | N/A  |

| Risk events   |   |  |   |                    | Risk rating <sup>1</sup><br>C = consequence<br>L = likelihood | Applicant controls sufficient? | Conditions <sup>2</sup> of works approval  | Justification for additional regulatory controls |
|---|---|--|---|--------------------|---|--------------------------------|--|--|
| Sources / activities  | Potential emission  | Potential pathways and impact  | Receptors   | Applicant controls |   |                                |  |  |
| Refueling, accidental spillage, leaks, and equipment malfunction (e.g., lines bursting)<br><br>Storage of hydrocarbons<br>Vehicle movements | Sediment laden and/or contaminated stormwater to surface and/or groundwater | Overland runoff potentially causing ecosystem disturbance<br><br>Runoff from area following rain / drainage<br><br>Seepage causing contamination of surface water and/or groundwater | Nearby drainage lines<br><br>Surface water<br><br>Groundwater |                    | C = Minor<br>L = Unlikely<br><b>Medium Risk</b>               | Y                              | Condition 1, Table 1 – Construction requirements<br><br>Condition 6, Table 2 – Operational requirements (Discharge of Sediment Laden and/or Stormwater Controls) | N/A  |

Note 1: Consequence ratings, likelihood ratings and risk descriptions are detailed in the *Guideline: Risk Assessments* (DWER 2020a).

Note 2: Proposed applicant controls are depicted by standard text. **Bold and underline text** depicts additional regulatory controls imposed by department.

## 4. Consultation

Table 4 provides a summary of the consultation undertaken by the department.

**Table 4: Consultation**

| Consultation method  | Comments received   | Department response   |
|--|---|---|
| Application advertised on the department's website on 17 January 2022                                    | None received   | N/A   |
| Local Government Authority advised of proposal on 14 January 2022  | LGA provided on 25 January 2022 a letter response that the LGA have no objections to the works approval but has requested inclusion of the access road in relation to the access road from the main road to the proposed mine site where a crossover is required. | A response letter to the LGA was sent on 22 February 2022 to indicate that the access road and crossover, and conditions will not be included in this works approval, as this falls under Section 45C currently under assessment with Part IV approvals. The access road and associated requirements will be part of a future works approval. |
| Department of Mines, Industry Regulation and Safety (DMIRS) advised of proposal on 14 January 2022       | None received   | N/A   |
| Department of Primary Industries and Regional Development (DPIRD) advised of proposal on 14 January 2022 | DPIRD contacted on 31 January 2022 via phone and then provided an email response that DPIRD has no comment in regard to the application   | Spoke to DPIRD 31 January 2022, providing clarification of the works approval application   |
| Department of Jobs, Tourism, Science and Innovation (JTSI) advised of proposal on 14 January 2022        | JTSI responded on 8 February 2022 and had no comment to the application   | N/A   |
| Kimberley Development Commission advised of proposal on 14 January 2022                                  | None received   | N/A   |
| MG Corporation advised of proposal on 14 January 2022  | None received   | N/A   |
| Kimberley Agricultural Investment Pty Ltd (KAI) advised of proposal on 14 January 2022                   | None received   | N/A   |
| Applicant was provided with draft documents on 2 March 2022  | Applicant provided responses to DWER's comment on 4 and 9 March 2022  | N/A   |

## 5. Conclusion

Based on the assessment in this decision report, the delegated officer has determined that a works approval will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

## References

1. Department of Environment Regulation (DER) 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
2. Department of Water (DoW) 2010, *Water quality protection note 52: Stormwater management at industrial sites*, Perth, Western Australia.
3. Department of Water and Environmental Regulation (DWER) 2020a, *Guideline: Risk Assessments*, Perth, Western Australia.
4. DWER 2020b, *Guideline: Environmental Siting*, Perth, Western Australia.
5. Environmental Protection Authority (EPA) 2014, *Ministerial Statement 964 – Sorby Hills Silver Lead Zinc Project*, Environmental Protection Authority, Perth, WA.

## Appendix 1: Summary of applicant's comments on risk assessment and draft conditions

| Condition                                 | Summary of applicant's comment  | Department's response  |
|---|---|--|
| 6, Table 2                                | Applicant has clarified the footprint is referring to the Part V licence area   | The department has reworded the footprint to prescribed premises boundary  |
| Decision report<br>Section 2.2            | Applicant has provided a schematic diagram of the layout of the mobile plant as requested by the department.                  | The department has included the schematic diagram as Figure 3 on page 6 of this report.  |
| Decision report<br>Section 3.1.1, Table 1 | Applicant has provided the frequency of truck movement as requested by the department.  | The department has included the following information:<br>It's expected 100-200 truck movements per day within the prescribed premises boundary for the purpose of crushing and screening. This will be dependent on source of material and distance to placement of crushed material  |
|   | Applicant has provided the approximate volumes of hydrocarbons as requested by the department.                                | The department has included the following information:<br>(Approximately 10,000 L of diesel storage and 100 L of mixed lubricants and oils for maintenance purposes)   |
|   | Applicant has provided more detail on refuelling procedures as requested by the department.                                   | The department has included the following information: <ul style="list-style-type: none"> <li>- demarcated location for refuelling shall be maintained;</li> <li>- refuelling area shall be a hardstand area and be self-bunded;</li> <li>- drip trays between the fuel tank and vehicle will be used to collect any spills during refuelling; and</li> <li>- stormwater potentially contaminated will be collected and treated</li> </ul> |
|   | Applicant has provided the location of the facility for the disposal of contaminated material as requested by the department. | The department has included the facility, which is the Kununurra landfill.   |
|   | Applicant has clarified the footprint is referring to the Part V licence area   | The department has reworded the footprint to prescribed premises boundary  |

## Appendix 2: Application validation summary

| SECTION 1: APPLICATION SUMMARY                                    |   |  |   |                               |
|---|---|--|---|-------------------------------|
| Application type  |   |  |   |                               |
| Works approval  | <input checked="" type="checkbox"/>   |  |   |                               |
| Licence   | <input type="checkbox"/>  | Relevant works approval number:  |   | None <input type="checkbox"/> |
|   |   | Has the works approval been complied with?   | Yes <input type="checkbox"/> No <input type="checkbox"/>                              |                               |
|   |   | Has time limited operations under the works approval demonstrated acceptable operations? | Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> |                               |
|   |   | Environmental Compliance submitted?  | Yes <input type="checkbox"/> No <input type="checkbox"/>                              |                               |
|   |   | Date Report received:  |   |                               |
| Renewal   | <input type="checkbox"/>  | Current licence number:  |   |                               |
| Amendment to works approval                                       | <input type="checkbox"/>  | Current works approval number:   |   |                               |
| Amendment to licence  | <input type="checkbox"/>  | Current licence number:  |   |                               |
|   |   | Relevant works approval number:  | N/A   | <input type="checkbox"/>      |
| Registration  | <input type="checkbox"/>  | Current works approval number:   | None  | <input type="checkbox"/>      |
| Date application received   | 23 November 2021  |  |   |                               |
| Applicant and Premises details                                    |   |  |   |                               |
| Applicant name/s (full legal name/s)                              | Boab Metals Limited   |  |   |                               |
| Premises name   | Mining Lease M80/286  |  |   |                               |
| Premises location   | Approximately 50 km north of Kununurra, in the East Kimberley region, Western Australia.  |  |   |                               |
| Local Government Authority  | Shire of Wyndham – East Kimberley   |  |   |                               |
| Application documents   |   |  |   |                               |
| HPCM file reference number:                                       | DER2018/001042-6-64   |  |   |                               |
| Key application documents (additional to application form):       | Supporting Information, Works Approval Application – Sorby Hills Silver Lead Zinc Project – Category 12   |  |   |                               |
| Scope of application/assessment                                   |   |  |   |                               |
| Summary of proposed activities or changes to existing operations. | It has been proposed to place a mobile crushing and screening plant with a design capacity of 2 million tonnes per annum (Mtpa) onsite. Approximately 500, 000 tonnes of rock will be utilised in the construction of hardstand areas, laydowns and haul roads for the site. No construction activities are required for the proposed activity. |  |   |                               |

| Category number/s (activities that cause the premises to become prescribed premises)  |  |   |
|---|--|---|
| Table 1: Prescribed premises categories   |  |   |
| Prescribed premises category and description  | Proposed production or design capacity   | Proposed changes to the production or design capacity (amendments only)   |
| Category 12 – Screening etc. of material: premises (other than premises within category 5 or 8) on which material extracted from the ground is screened, washed, crushed, ground, milled, sized or separated. | 500,000 tonnes for the entire project (5 months).<br>2 Mtpa (design capacity)                    |   |
| Legislative context and other approvals   |  |   |
| Has the applicant referred, or do they intend to refer, their proposal to the EPA under Part IV of the EP Act as a significant proposal?  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                              | Referral decision No:<br>Managed under Part V <input type="checkbox"/><br>Assessed under Part IV <input type="checkbox"/>   |
| Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                              | Ministerial statement No: 964 & MS1097 (time limit extension)<br>EPA Report No: 1491  |
| Has the proposal been referred and/or assessed under the EPBC Act?  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                              | Reference No:   |
| Has the applicant demonstrated occupancy (proof of occupier status)?  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                              | Certificate of title <input type="checkbox"/><br>General lease <input type="checkbox"/> Expiry:<br>Mining lease / tenement <input checked="" type="checkbox"/><br>M80/197 Expiry: 21/01/2030<br>M80/286 Expiry: 28/03/2031<br>Other evidence <input type="checkbox"/> Expiry: |
| Has the applicant obtained all relevant planning approvals?   | Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> | Approval:<br>Expiry date:<br>If N/A explain why?  |
| Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                              | CPS No: N/A<br>Area is approved under MS 964  |
| Has the applicant applied for, or have an existing CAWS Act clearing licence in relation to this proposal?  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                              | Application reference No: N/A<br>Licence/permit No: N/A   |
| Has the applicant applied for, or have an existing RIWI Act licence or permit in relation to this proposal?   | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                              | Application reference No: N/A<br>Licence/permit No:<br>Existing Licences  |

|  |   |  |
|--|---|--|
|  |   | GWL202494 & GWL203787  |
| Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)?  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Name: N/A<br>Type: N/A<br>Has Regulatory Services (Water) been consulted?<br>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/><br>Regional office: N/A<br><b>Note: Proclaimed surface water/ groundwater areas do occur within the Premises but no discharging for this category activity.</b><br><b>Ord river and tributaries/Ord irrigation district (RIWI Act 1914 Surface water areas &amp; Irrigation districts)</b><br><b>Canning-Kimberley Groundwater area (RIWI Act 1914 Groundwater area)</b> |
| Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?   | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Name: N/A<br>Priority: N/A<br>Are the proposed activities/ landuse compatible with the PDWSA (refer to <a href="#">WQPN 25</a> )?<br>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>  |
| Is the Premises subject to any other Acts or subsidiary regulations (e.g. <i>Dangerous Goods Safety Act 2004, Environmental Protection (Controlled Waste) Regulations 2004, State Agreement Act xxxx</i> ) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | <i>Dangerous Goods Safety Act 2004</i> – for diesel and hydraulic lubricants on premises.  |
| Is the Premises within an Environmental Protection Policy (EPP) Area?  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |  |
| Is the Premises subject to any EPP requirements?   | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |  |
| Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i> ?  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Classification: N/A<br>Date of classification: N/A   |