



Application for Works Approval

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

Works Approval Number	W6672/2022/1
Applicant	Newcam Minerals Pty Ltd
ACN	30 627 911 997
File number	DER2021/000727
Premises	Mt Gould Iron Ore Project Legal description - Mining Tenement M52/236 Landor – Meekatharra Road PEAK HILL WA 6642 As defined by the premises map attached to the issued works approval
Date of report	7 July 2022
Decision	Works approval granted

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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 operation of the Mt Gould Iron Ore Project (MGP) Crushing and Screening Plant (the Premises). As a result of this assessment, works approval W6672/2022/1 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 17 December 2022, 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, environmental commissioning and time limited operations relating to the construction of a 3-stage mobile crushing and screening plant to process up to 1 million tonnes per annum (Mtpa) of iron ore mined from the MGP iron ore deposit over a two-year mine life. Although the expected throughput is proposed to be 1mtpa at peak production, the risk-based assessment is based on a maximum production capacity of the plant operating 575t/h, 24 hours a day, 7 days a week, 365 days a year, which is 5.03mtpa.

The Premises is located approximately 144 kilometres southeast of the Meekatharra township in the Goldfields region on mining tenement M52/236.

The Premises relates to the Category 5 and assessed production capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in works approval W6672/2022/1. 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 2020) are outlined in works approval W6672/2022/1.

2.3 Description of proposed activities

2.3.1 Construction Phase

The 3-stage crushing, and screening plant comprises of a primary (jaw crusher), secondary (cone crusher) and screening hydraulic diesel unit with associated radial stackers for the stockpiling of lump and fine product stockpiles at the Premises. The crushing and screening plant will be used at various locations around the Premises to generate the materials required for infrastructure and road construction prior to its establishment at the location shown in Figure 1. Materials will be extracted at these locations for the construction of access roads to link up to plant operations, the development of hardstand areas for plant operations, and the establishment of stockpile areas for the temporary storage of run-of-pit and crushed/screened materials. Extracted waste rock material that has been determined to be suitable will be stockpiled to 5m in height and will be separated based on material type and/or particle size. Stockpiles of mined waste rock are expected to only remain for a very short period during the construction phase of the project. Materials required for the on-going maintenance of roads for the Project may remain for longer periods and will require Heavy Duty Polyvinyl Chloride tarp-style covers as a measure for erosion control.

Stormwater management infrastructure is proposed to be constructed at the Prescribed Premises which includes stormwater bunds and trapezoidal or V-shaped drains for flow diversions, sediment

basins for the containment of potentially contaminated stormwater runoff and a flood diversion drain for the collection of uncontaminated stormwater runoff. The proposed locations of the stormwater diversion bunds and drains at the Premises are based on the likely flow of potentially contaminated and uncontaminated stormwater as recommended through the results of a hydrological study conducted by AQ2 Pty Ltd. Figure 2 illustrates the proposed locations of the stormwater diversion bunds and drains for directing flow of potentially contaminated stormwater to sediment basins located downstream of operating areas and uncontaminated water directed to a flood diversion drain to Turkey's Nest 1 for recycling on site.

The implementation of the proposed works is subject to the clearing of native vegetation. The Applicant applied to clear 95.6 hectares of native vegetation within a 266-hectare envelope through the Department of Mines, Industry Regulation and Safety (DMIRS) under clearing permit CPS 9417/1 for the purpose of mineral production. The application was granted by DMIRS on 19 May 2022.

2.3.2 Commissioning and Time-limited Operation Phase

2.3.2.1 Environmental Commissioning

Following the construction and installation of the crushing and screening plant, stormwater management infrastructure and processing areas, the commissioning phase will commence which will comprise of testing interlocks between each unit of the circuit. The testing of the dust suppression system to ensure its effectiveness during operation will be required during the environmental commissioning phase.

2.3.2.1 Time-limited operations

The Applicant is required to submit to the Department an Environmental Compliance Report and an Environmental Commissioning Report to demonstrate that the requirements of the conditions of this Works Approval have been met. The Department will review the Environmental Compliance Report to verify the works have been completed in accordance with the Works Approval conditions. The Time Limited Operations phase may commence upon the submission of the Environmental Commissioning Report verifying the environmental performance of the plant's dust suppression system.

2.3.3 Operations Phase

The ore will be mined from the open pit and scree deposit and transported to haul trucks via excavators to a temporary Run-of-Mine (ROM) where it will be reclaimed from the ROM stockpile and transported to the adjacent crushing and screening unit ready for processing. ROM stockpiles will have a maximum capacity of 45Kt. The ROM Pad has the capacity to store up to two weeks of feed from the crusher to allow for any operational disruptions between extraction and processing. Ore will be fed into the hopper of the primary crushing unit via a front-end loader where it will be processed through a three-stage crushing and screening unit and transferred onto the stockpile feed conveyor before being discharged to the Lump ore stockpile. Final ore products will be separated into lumps (between 31.5 and 6.3mm) and fines (less than 6.3mm) stockpiles ready for eventual transportation offsite via road trucks to Geraldton Port for export overseas. Figure 3 provides an indicative schematic of the crushing and screening the plant process flow.

To minimise dust emissions during ore processing, the Applicant has proposed the installation of water sprays at the head of the conveyor prior to discharging onto the ore stockpiles and the mobile crushing and screening unit. A mobile 25kL primary water cart with a water cannon will be maintained on site to manage dust emissions during pit and plant activities. A secondary 90kL road-train style watercart and a smaller rigid water cart 10kL will also be maintained on site during operation. The crushing unit is proposed to be in operation on a continuous 24-hour basis at the Premises.

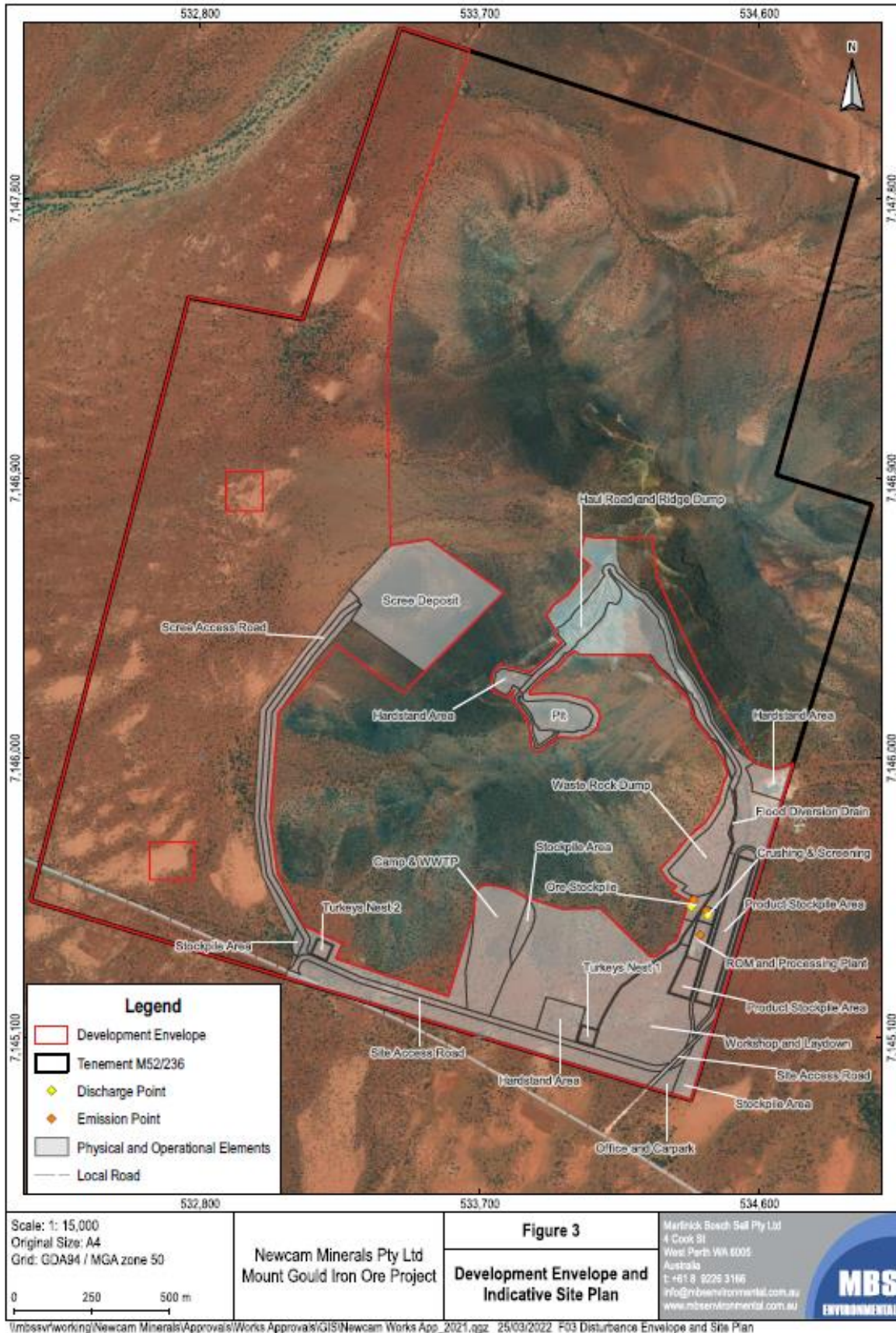


Figure 1: Premises map showing proposed layout of key infrastructure

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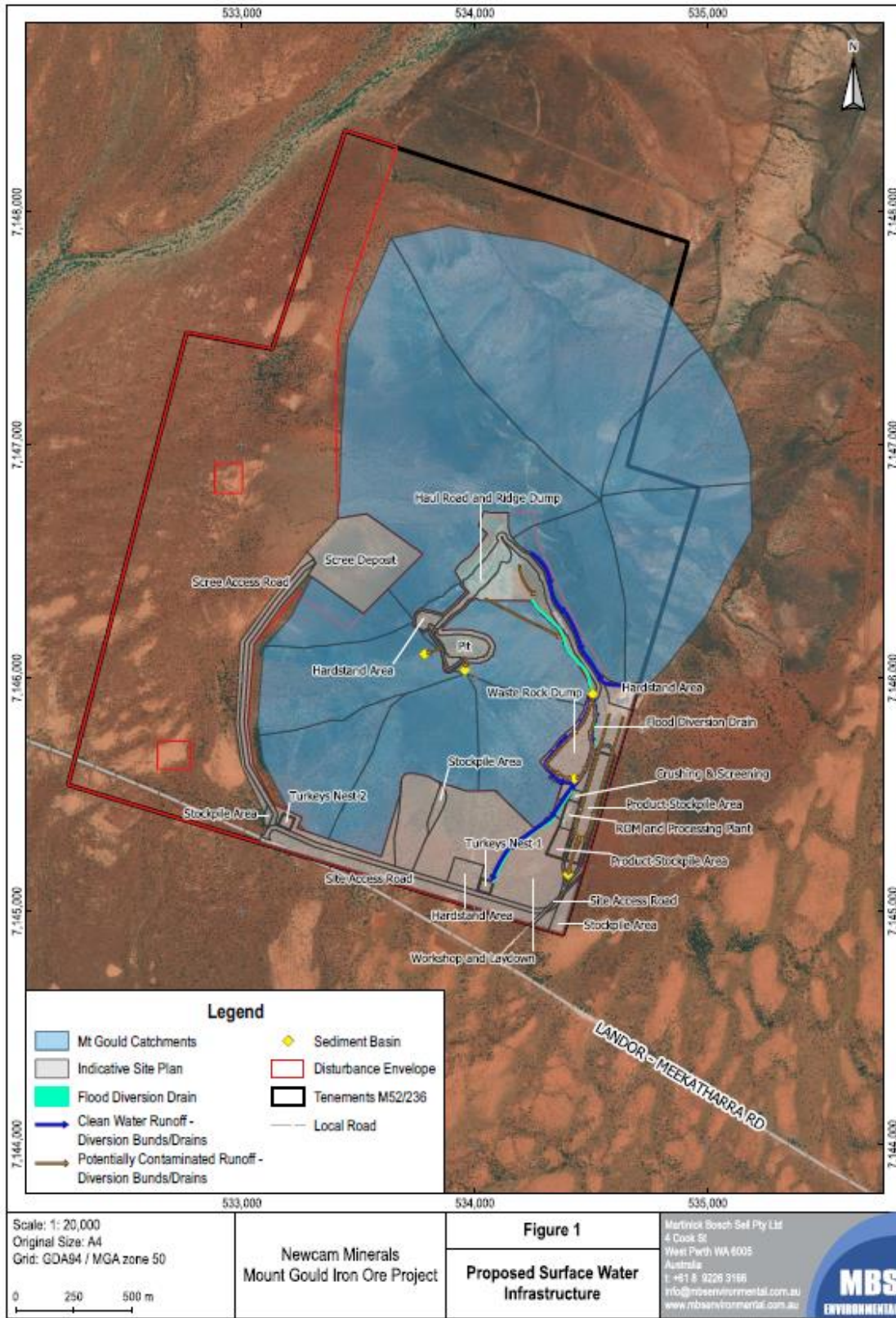


Figure 2: Stormwater Management Infrastructure at the Premises

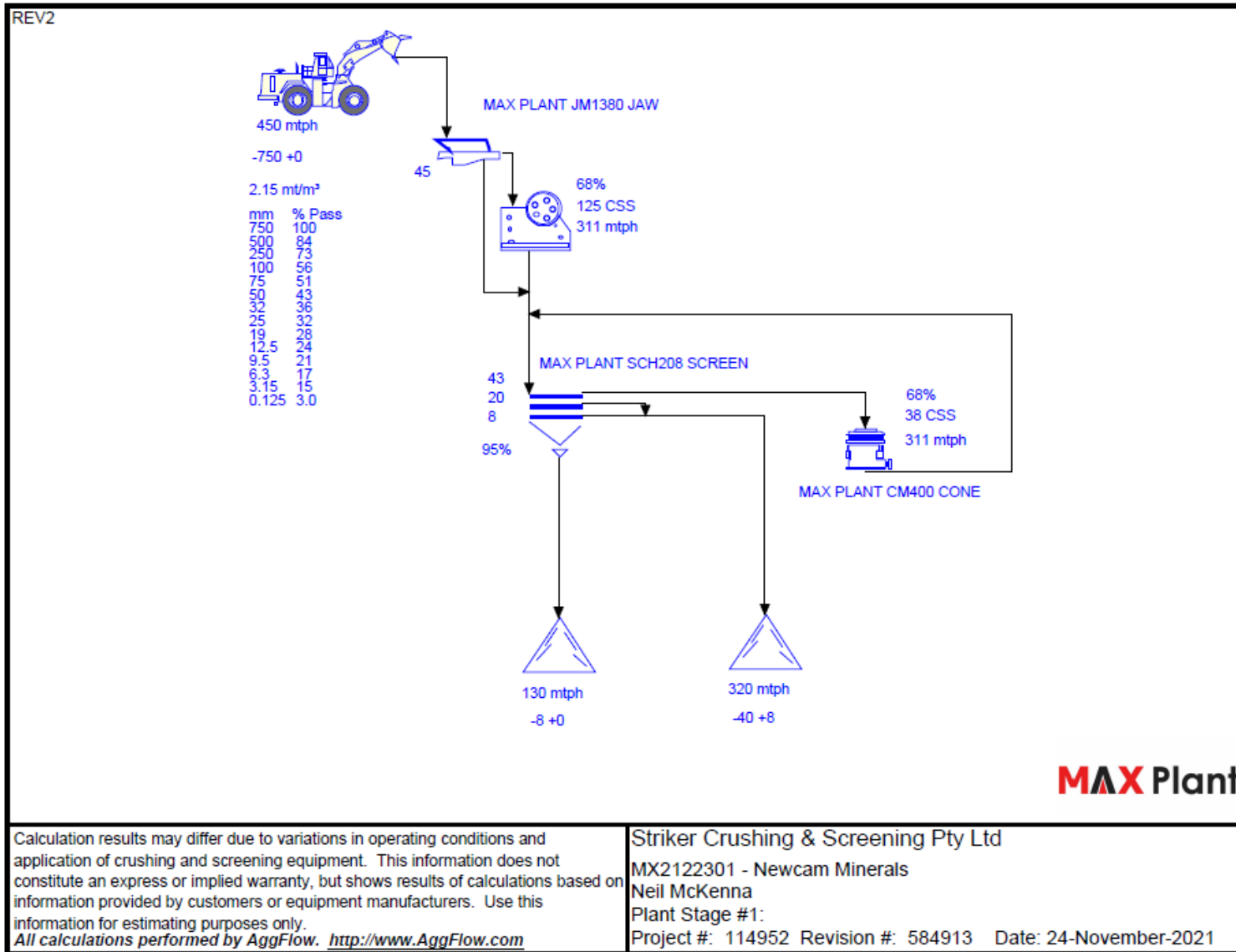


Figure 3: Crushing and Screening Plant Flow Diagram

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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 2020).

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.

Table 1: Proposed applicant controls

Emission	Sources	Potential pathways	Proposed controls
Construction			
Dust	Earth moving and land clearing activities to prepare site Construction of internal haul road and site access road Placement of crushing and screening plant associated equipment Vehicle movements on unsealed roads	Air / windborne pathway	Topsoil stripping activities associated with land clearing for the project will not be carried out during high wind conditions to minimise dust generation. Existing disturbed areas will be used wherever possible for construction of crushing and screening equipment and associated equipment to limit clearing and additional disturbance to native vegetation. Water cart maintained on site for watering down exposed areas for dust mitigation during the construction phase.
Noise	Construction of stormwater drainage infrastructure and or/surface water diversions		Applicant has not proposed controls.
Commissioning and Operation (including Time Limited Operations)			
Dust	Crushing and screening of ore	Air / windborne pathway	Dust suppression sprays installed within the crushing and screening plant to suppress dust generation during plant operation. 25kL primary water cart with a water cannon maintained on site to minimise dust emissions during pit and plant activities. Secondary watercarts including a 90kL road-train style watercart and a smaller rigid water cart 10kL will also be maintained on site during operation.

Emission	Sources	Potential pathways	Proposed controls
			<p>Visual assessment of fugitive dust emissions and review of meteorological conditions (wind speed and direction) from the site weather station to be conducted by the responsible site supervisor to determine if dust generation from crushing and screening activities can be adequately managed.</p> <p>Operation of crushing and screening plant to be placed into idle or ceased when fugitive dust emissions are determined to be impacting upon sensitive nearby receptors following the application of standard operating procedures during times of strong prevailing winds.</p>
	Unloading, loading and stockpiling of material onto ROM pad during ore processing		Fixed dust suppression sprays on the plant and watercarts to control levels of fugitive dust lift off from product stockpiles.
	Vehicle movements on unsealed surfaces	Air / windborne pathway	Truckloads of bulk dry products to be transported in covered containers prior to leaving the Premises to minimise dust lift-off.
Noise	<p>Crushing and screening of ore</p> <p>Vehicle movements on unsealed surfaces</p> <p>Unloading, loading and stockpiling of material during ore processing</p>	Air / windborne pathway	<p>Noise emissions will be minimised by ensuring the crushing and screening plant is being maintained in accordance with original equipment manufacturers requirements.</p> <p>Equipment and design to be compliant with Australian Standard noise criteria.</p>
Sediment laden stormwater	Water and sediments generated via runoff from the ROM pad, process plant and stockpiles area	Overland runoff during high rainfall events potentially causing ecosystem disturbance	<p>To ensure that potentially contaminated stormwater is contained and does not mix with uncontaminated water, stormwater diversion bunds and drains will be constructed:</p> <ul style="list-style-type: none"> • along the western toe of the Waste Rock Dump; • around the processing area (ROM pad, process plant and stockpiles area); and • on the eastern and western sides of the flood diversion drain where it intersects the processing area. <p>Potentially contaminated stormwater from the process plant and stockpile area will be directed to a minimum of five sediment basins located on the downstream sides of the operating areas via stormwater diversion drains that have a nominal 1:3 side slopes and bunding built to a minimum top width of 3m and nominal side slope of 1:3. Overflow will be</p>

Emission	Sources	Potential pathways	Proposed controls
			<p>directed to an additional stormwater drain that will flow into a larger collection basin.</p> <p>The storage capacity of each sediment basin installed at the Premises will comprise of 2 x 100m² open pits, 1 x 900m² drain, 1 x 300m² waste dump and 1 x 300m² stockpile.</p> <p>Design capacity of each sediment basin to be sized to contain a 20% (1 in 5 year) AEP rainfall event to capture 100% of 50 um particles (coarse silt);</p> <p>Potentially contaminated stormwater/sediment runoff will be collected in the sediment basins and left to evaporate naturally and excess sediment will be cleaned out when required.</p> <p>Inspections of sediment basins to be conducted on a weekly basis and following significant rainfall events to ensure its integrity;</p> <p>Stockpiles are to be located away or protected from stormwater flows to minimise the potential losses through sedimentation runoff.</p> <p>To ensure that uncontaminated stormwater is diverted away from contaminated stormwater, stormwater diversion drains will also be constructed:</p> <ul style="list-style-type: none"> • on the southern side of the Premises to direct uncontaminated stormwater runoff to Turkeys Nest 1; • Along the eastern side of the Haul Road to direct uncontaminated stormwater runoff from processing areas; and • Along the western side of the Haul Road to direct uncontaminated stormwater runoff away from the processing areas. <p>Uncontaminated stormwater/sedimentation runoff will be diverted into the flood diversion drain which will be constructed along the eastern side of the haul road and around the processing area.</p> <p>The flood diversion drain will be constructed with compacted oxide or clay material and will be 1m wide x 1m deep and has been designed with a 1% AEP event.</p> <p>Uncontaminated stormwater/sedimentation runoff from the flood diversion drain will flow to Turkeys Nest 1 and be re-used on site.</p>
Spills / leaks of hydrocarbons	Hydrocarbon spills or leaks from vehicle and equipment use, refuelling or	Overland runoff during high rainfall events.	Containment and handling of hydrocarbons will be managed in accordance with <i>AS1940 Storage and Handling of Flammable and Combustible Liquids (2004)</i> , <i>AS3780 The</i>

Emission	Sources	Potential pathways	Proposed controls
	<p data-bbox="375 293 655 322">maintenance activities.</p> <p data-bbox="375 338 655 488">Spillage, leakage and seepage of hydrocarbons and chemicals used and stored onsite.</p>	<p data-bbox="678 293 847 412">Leaching through soil profile to groundwater.</p>	<p data-bbox="869 293 1406 443"><i>Storage and Handling of Corrosive Substances - Western Australia (2008)</i> or <i>AS3833 The Storage and Handling of Mixed Classes of Goods, in Packages and Intermediate Bulk Containers (2007)</i></p> <p data-bbox="869 459 1422 640">All chemical and reagents classed as dangerous goods will be stored in accordance with the <i>Dangerous Goods Safety Act 2004</i> and the <i>Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007</i>.</p> <p data-bbox="869 656 1417 748">Storage areas will be bunded with a minimum containment capacity of 110% of the largest container stored within it.</p> <p data-bbox="869 763 1374 882">Refueling and fuel delivery inlets will be located on concrete or High-density polyethylene lined to contain any potential spills or drips.</p> <p data-bbox="869 898 1430 1079">Hydrocarbon storage areas will be graded to direct any potentially contaminated stormwater to a concrete or HDPE lined collection sump located adjacent to the refueling facility in the hardstand area to the north of the processing area.</p> <p data-bbox="869 1095 1422 1160">No bulk chemical storage containers are to be used on site.</p> <p data-bbox="869 1176 1401 1240">Vehicles and machinery to be equipped with spill kits in the event there is a spill on site.</p> <p data-bbox="869 1256 1430 1375">Spill kits will be retained on site in the event there is a hydrocarbon or chemical spill on site and appropriate employees trained in their use.</p> <p data-bbox="869 1391 1401 1482">All employees will undertake a site induction which will include management and awareness of hydrocarbons and chemicals.</p> <p data-bbox="869 1498 1417 1590">All spillage incidents to be reported to the site supervisor and logged through the HSE incident management system.</p> <p data-bbox="869 1606 1430 1697">Spillages will be cleaned up and disposed of in accordance with the sites standard spill procedures (Control, Contain, Clean up)</p> <p data-bbox="869 1713 1422 1805">Significant spill incidents will be inspected and investigated, with the findings recorded in the HSE incident management system.</p> <p data-bbox="869 1821 1406 1886">Contaminated soils will be removed from site by a licensed third party.</p> <p data-bbox="869 1901 1422 1966">Pre-start vehicle and heavy machinery checks will be undertaken daily.</p> <p data-bbox="869 1982 1394 2011">Machinery for operations and vehicles to be</p>

Emission	Sources	Potential pathways	Proposed controls
			<p>regularly serviced and maintained to reduce the likelihood of fuel/oil leaks.</p> <p>Refuelling activities to be undertaken at the designated re-fuelling facility at the Premises.</p> <p>Drip trays will be utilised for any refuelling required to be undertaken in the field.</p>

3.1.2 Receptors

In accordance with the *Guideline: Risk Assessment* (DWER 2020), 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, Figure 5, Figure 6 and Figure 7 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 2020)).

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

Human receptors	Distance from prescribed activity
Mt Gould Homestead (nearest permanent community with 2 residents)	5 km east of the Prescribed Premises boundary.
Mount Gould Lockup historical site (intermittent tourists)	3 km west of the Prescribed Premises boundary.
Environmental receptors	Distance from prescribed activity
Priority Ecological Community	The Mount Gould vegetation complex (banded ironstone formation) (Priority 1) ecological community (Mount Gould PEC) is mapped over approximately 199.6ha of the Prescribed Premises boundary as shown in Figure 4.
Priority Flora Species	<p>According to the Department of Biodiversity, Conservation and Attractions (DBCAs) database and previous surveys of the project area, three priority flora species have been recorded within the Prescribed Premises boundary:</p> <ul style="list-style-type: none"> • <i>Halgania gustafsenii</i> var. <i>Murchison</i> (P1); • <i>Tribulus Adelacanthus</i> (P3); and • <i>Rhodanthe sphaerocephala</i> (P1). <p><i>Eremophila warnesii</i> (P1) was also recorded within the Prescribed Premises boundary during a flora survey undertaken by Woodman Environmental Consulting in 2012.</p> <p>Figure 5 illustrates the extensive number of records of conservation significant flora species recorded within and adjacent to the Prescribed Premises boundary.</p>
Remnant Native Vegetation	The boundary of the Prescribed Premises boundary comprises of approximately 266ha of remnant native

	<p>vegetation of which 95.6ha is proposed to be cleared under clearing permit CPS 9417/1. Remnant vegetation also adjoins the boundary of the Prescribed Premises.</p>
Conservation Significant Fauna species	<p>According to the Department of Biodiversity, Conservation and Attractions (DBCAs) database, one fauna species, the Peregrine Falcon (<i>Falco peregrinus</i>) listed as 'Other Specially Protected Fauna' under the <i>Biodiversity Conservation Act 2016</i> has been recorded within the boundary of the Prescribed Premises boundary.</p> <p>The fauna survey undertaken by Biologic Consulting in 2012 identified seven fauna habitats within the Prescribed Premises boundary. Of the habitats recorded, two habitats namely the 'Spinifex Hummock Grasslands' and 'Breakaway System' which are restricted to Mount Gould and considered to be locally significant provide habitat for the following fauna species:</p> <ul style="list-style-type: none"> • Peregrine Falcon (<i>Falco peregrinus</i>); - conservation significant – recorded within the boundary of the Prescribed Premises; • Painted Finch (<i>Emblema pictum</i>) – Locally significant; • Rainbow Bee-eater (<i>Merops ornatus</i>) – conservation significant – recorded within the boundary of the Prescribed Premises- listed as marine under the <i>Environmental Protection and Biodiversity Conservation Act 1999</i>; • Woolley's Pseudantechinus (<i>Pseudantechinus woolleyae</i>) – Locally significant; • Little Woodswallow (<i>Artamus minor</i>) (Habitat 7) - Locally Significant; and • Little Broad-nosed Bat (<i>Scotorepens greyii</i>) – locally significant and limited range. <p>Figure 6 illustrates the fauna habitats and number of conservation significant fauna species recorded within and adjacent to the Prescribed Premises boundary.</p>
Surface Waterbodies	<p>The Prescribed Premises is located within the Murchison River Catchment Basin.</p> <p>Two minor ephemeral watercourses known as 'Gould Creek' and 'Bedaburra Creek' are located approximately 70m northwest and 2.7km east of the Prescribed Premises boundary. Both surface waterbodies are tributaries of the Murchison River which is a major watercourse located 12km south of the boundary of the Premises.</p> <p>The Prescribed Premises sits on an escarpment with a high topographic relief of between 400m to 620m which promotes surface water runoff to flow downslope to the wash plain below and nearby creek lines eventually converging with the Murchison River.</p>
Groundwater	<p>The Premises is located within the Proclaimed East Murchison Groundwater Area under the <i>Rights in Water and Irrigation Act 1914</i>.</p> <p>Groundwater flow direction mimics the topography of the land in a north to south direction.</p> <p>A drilling program was conducted by Aquatech Drilling</p>

	<p>between 24/01/2022 and 29/01/2022, to confirm the life-of-mine water supply at the Premises (AQ2 Pty Ltd, 2022). Production bores were drilled at two locations (Bore 1 and Bore 2) within the Prescribed Premises boundary targeting the paleochannel aquifer. The bore logs for these production bores provide an indication on the depth to groundwater levels at the locations shown in Figure 7 being 8.8mbgl at Bore 1 and 6.1mbgl at Bore 2. Both bores are located in close proximity to the crushing and screening plant, ROM and processing area and stockpile areas. Bore 1 is located approximately 100m from the crushing and screening plant. Groundwater flow direction mimics the topography of the land in a north to south direction.</p> <p>Groundwater quality ranges from brackish to saline with TDS levels ranging from 2100 to 28000 mg/L suggesting that groundwater sources receive low levels of groundwater discharge.</p>
<p>Aboriginal Sites and Heritage Places</p>	<p>One Aboriginal Site of Significance known as 'Mt Gould' (Site No. 7450) is recorded over the majority of the Prescribed Premises as a 5km area. The site was first recorded in the mid 1980's as an ethnographic (mythological) site of importance. The actual location of the site within the cultural area is not shown due to cultural sensitivity of the site, however the Applicant has excluded this area from the Prescribed Premises boundary to ensure there is no disturbance to the site.</p> <p>The boundary of the Prescribed Premises falls within the Wajarri Yamatji (Part A) Native Title Claim area (WAD6033/1998). Native title was initiated on the site on 29 July 2021. The Applicant is currently working with the Wajarri Yamatji Native Title Claimant group to develop an Aboriginal Heritage Agreement between the company and the Native Title Group.</p>

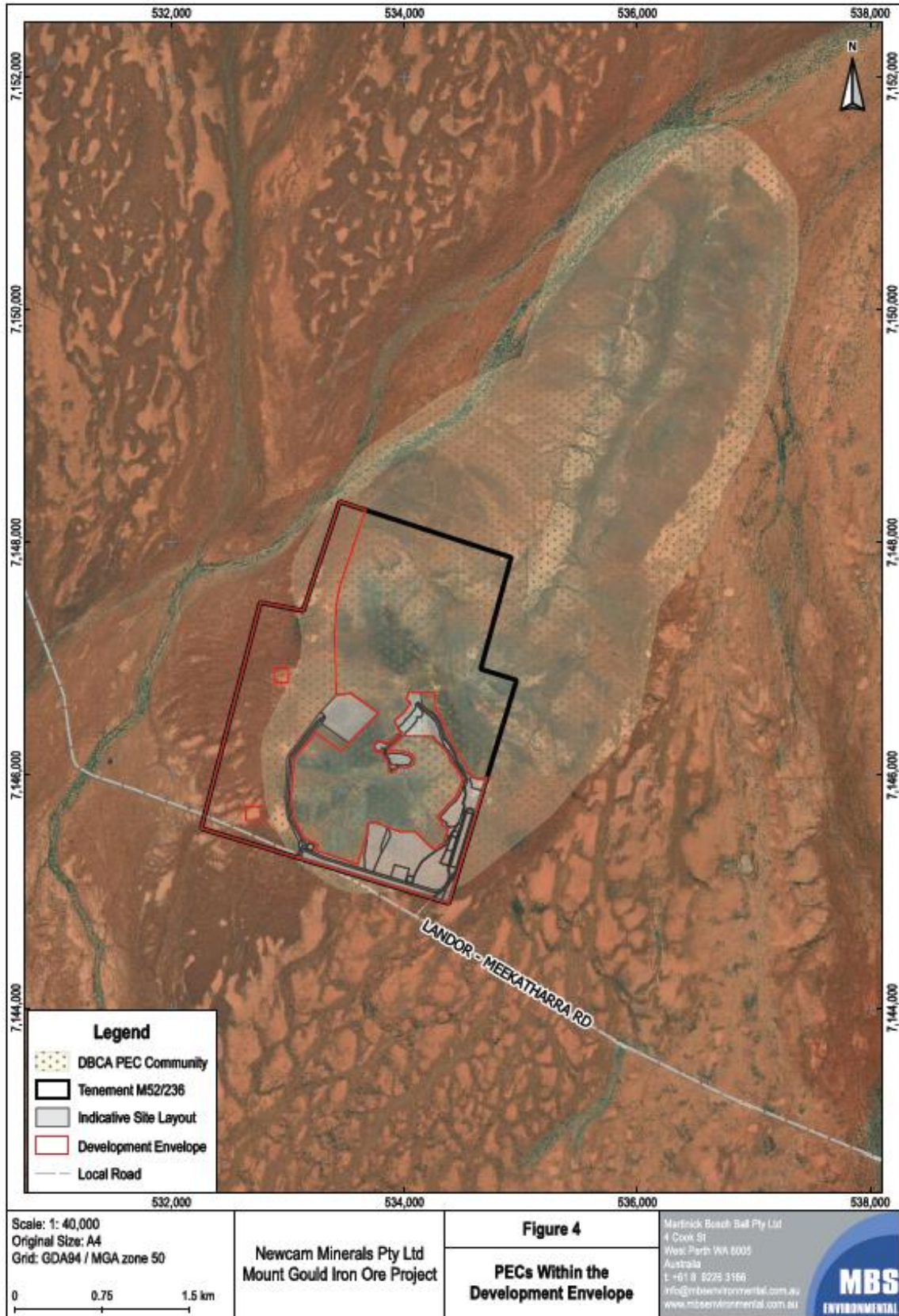


Figure 4: Extent of Mount Gould PEC

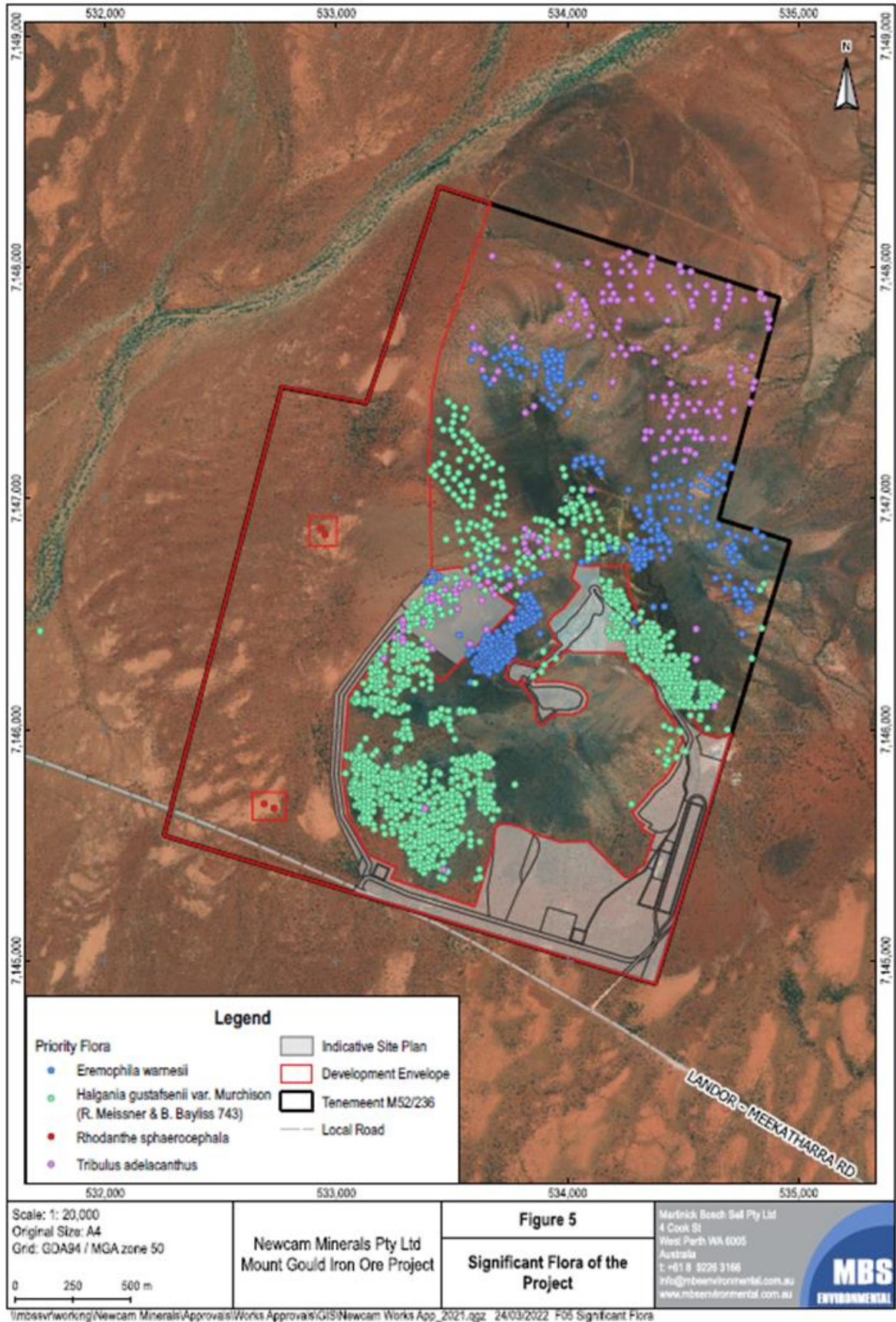


Figure 5: Locations of conservation significant flora records in the vicinity of the Premises.

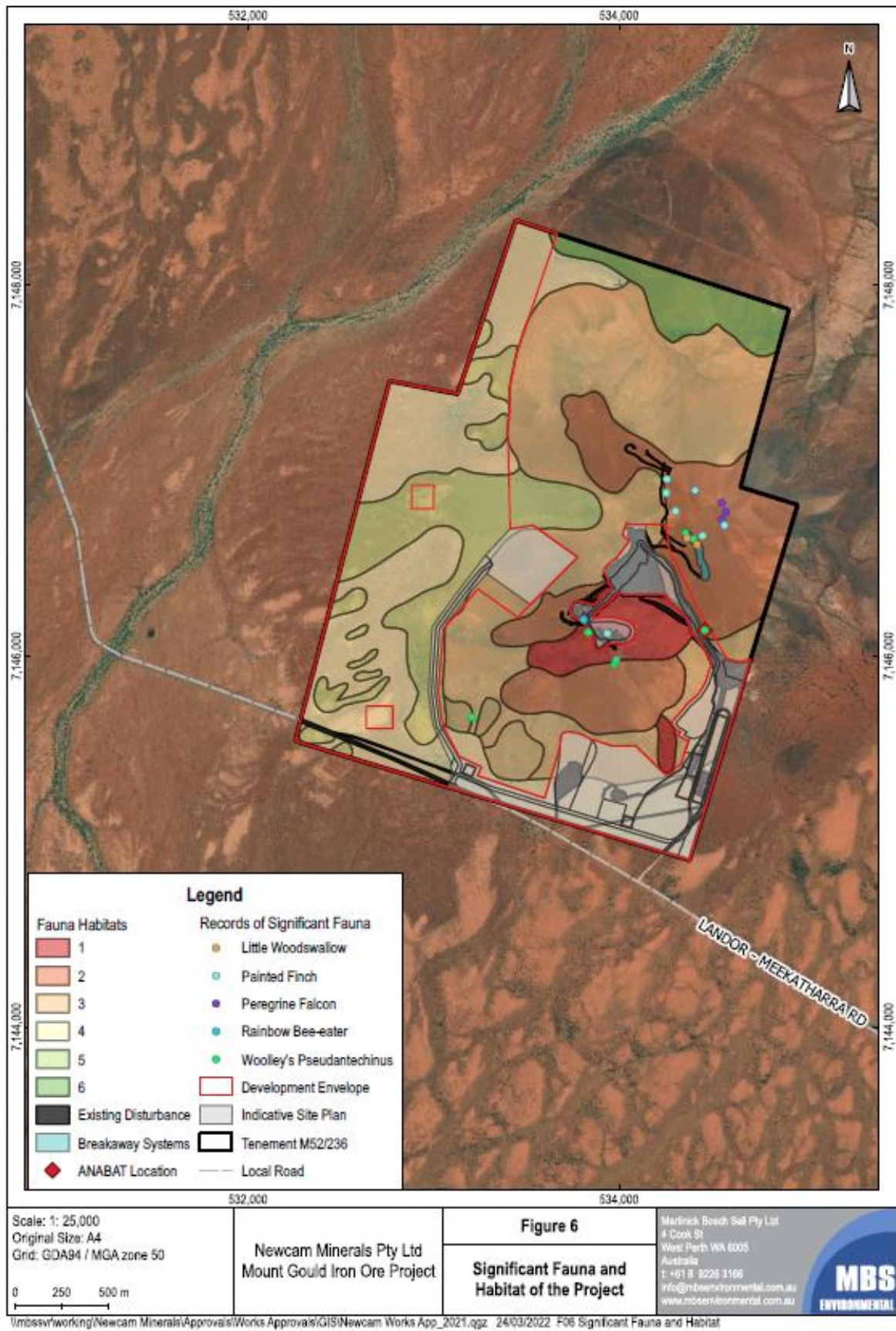


Figure 6: Location of conservation significant fauna records in the vicinity of the Premises.

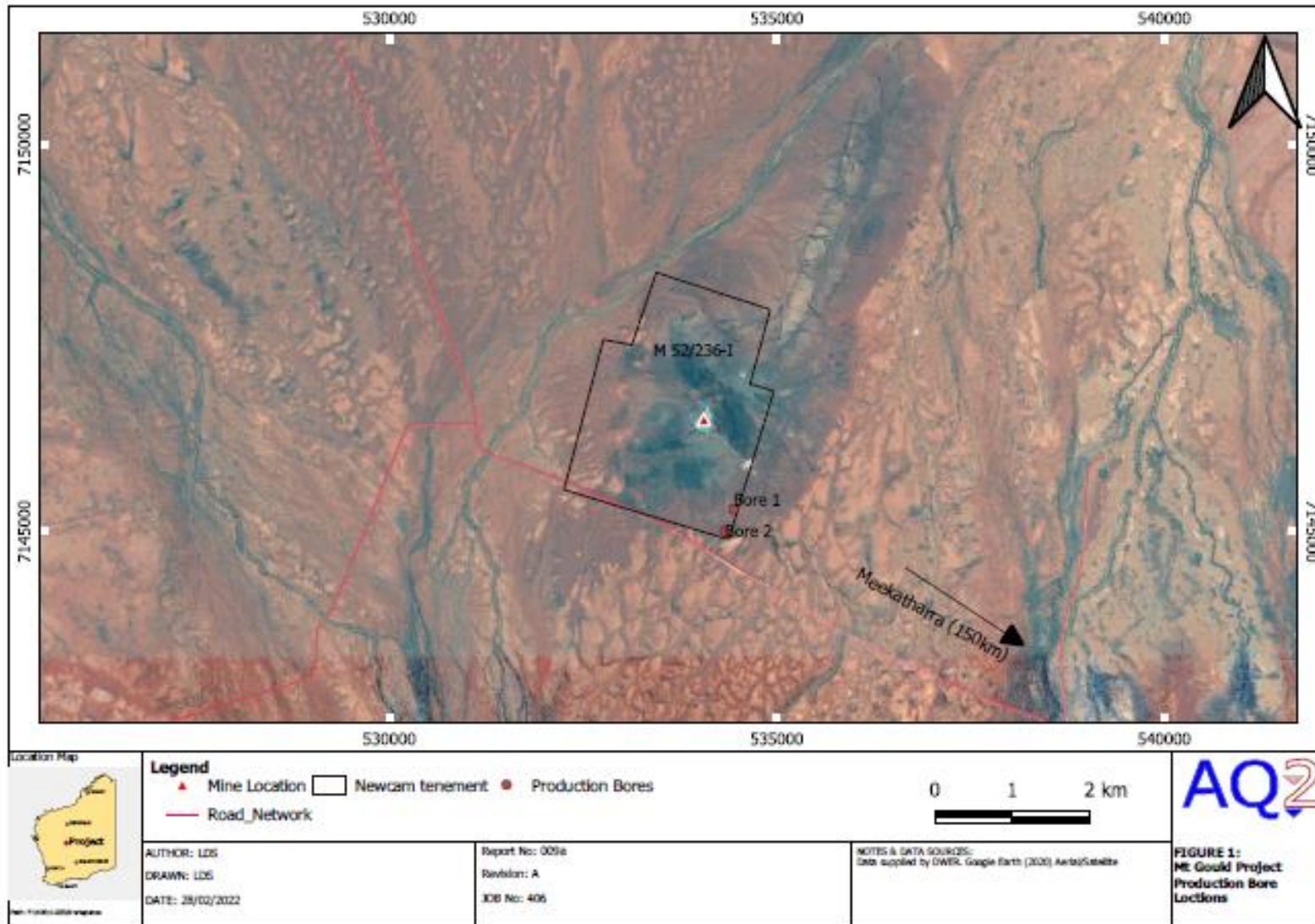


Figure 7: Location of production bores at the Premises

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3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guideline: Risk Assessments* (DWER 2020) for each identified emission source and takes into account potential source-pathway and receptor linkages as identified in Section 3.1. 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 3.1), 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 W6672/2022/1 that accompanies this decision report authorises construction and time-limited operations. 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. crushing and screening 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, commissioning and operation

Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
Construction								
Earth moving and land clearing activities to prepare site Construction of internal haul road and site access road Construction and installation of mobile crushing and screening plant and associated equipment Construction of stormwater drainage infrastructure and or/surface water diversions	Dust	Pathway: Air / windborne dispersion Impact: Health and amenity of closest human receptors.	Mount Gould Lockup historical site located 3km from the Premises, however, only receives intermittent tourists. Mt Gould Homestead located 5km from Premises boundary (nearest permanent community with 2 residents)	Refer to Section 3.1.	C = Minor L = Unlikely Medium Risk	Y	Condition 1 (Table 1): Design and Construction/installation requirements for Crushing and screening plant with associated equipment and 25kL watercart Condition 2: Submission of an Environmental Compliance Report	Minimal dust emissions may be generated from site preparation works including earthworks/clearing activities and the installation of the crushing and screening plant, stormwater management infrastructure and transportation roads during the construction period. The Delegated Officer considers the controls proposed by the applicant sufficient to the control the impacts of dust associated with the construction works on sensitive receptors to be sufficient.
		Pathway: Air/windborne dispersion Impact: Ecosystem disturbance and impacts to adjacent remnant vegetation, conservation significant flora species and a priority ecological community through dust deposition.	Remnant native vegetation that contains the Mount Gould vegetation complex (banded ironstone formation) (Priority 1) ecological community is located within and adjacent to the Premises boundary. Four priority flora species including <i>Halgania gustafsenii</i> var. <i>Murchison</i> (P1); <i>Tribulus Adelacanthus</i> (P3), <i>Rhodanthe sphaerocephala</i> (P1) and <i>Eremophila warnesii</i> (P1) occur within and adjacent to the Premises boundary.		C = Minor L = Possible Medium Risk			

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Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
	Noise	Pathway: Air / windborne dispersion Impact: Health and amenity	Mount Gould Lockup historical site located 3km from the Premises, however, only receives intermittent tourists. Mt Gould Homestead located 5km from Premises boundary (nearest permanent community with 2 residents)	No Applicant Controls outlined in submission.	N/A	N/A	N/A	The distance to human receptors is considered to be too great for noise impacts from construction of the project to occur. The Delegated Officer considers that a pathway for noise emissions does not exist. The provisions of the <i>Environmental Protection (Noise) Regulations 1997</i> are also applicable.
Commissioning and Operation (including Time Limited Operations)								
Commissioning and operation of ore processing plant Unloading, loading and stockpiling of material onto ROM pad during ore processing Vehicle movements on unsealed surfaces	Dust	Pathway: Air / windborne dispersion Impact: Health and amenity of closest human receptors.	Mount Gould Lockup historical site located 3km from the Premises, however, only receives intermittent tourists. Mt Gould Homestead located 5km from Premises boundary (nearest permanent community with 2 residents)	Refer to Section 3.1	C = Minor L = Unlikely Medium Risk	Y	Condition 1 (Table 1): Design and Construction/installation requirements for Crushing and screening plant with associated equipment and 25kL Primary watercart	Dust emissions are expected to be generated from the commissioning and operation of the crushing and screening plant, vehicle movements, stockpiling and loading/unloading of material. Noting the separation distance to the closest human receptor which only receives intermittent visitors, the Delegated Officer has determined that the likelihood of dust emissions impacting upon this sensitive receptor is unlikely. The Delegated Officer also took into consideration the Applications proposed controls outlined under Section 3.1 which reduces the likelihood of the risk event occurring, therefore no additional regulatory controls are required.

Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
		<p>Pathway: Air/windborne dispersion</p> <p>Impact: Ecosystem disturbance and impacts to adjacent remnant vegetation, conservation significant flora species, threatened fauna species and a priority ecological community through dust deposition smothering vegetation.</p>	<p>Remnant native vegetation that contains the Mount Gould vegetation complex (banded ironstone formation) (Priority 1) ecological community (Mount Gould PEC) is located within and adjacent to the Premises boundary.</p> <p>Four priority flora species including <i>Halgania gustafsenii</i> var. <i>Murchison</i> (P1); <i>Tribulus Adelacanthus</i> (P3), <i>Rhodanthe sphaerocephala</i> (P1) and <i>Eremophila warnesii</i> (P1) occur within and adjacent to the Premises boundary.</p> <p>Conservation significant and locally significant fauna species that are known to occur within and adjacent to the Premises boundary.</p> <p>Aboriginal Heritage Site No. 7450 located 450m from the Premises.</p>	Refer to Section 3.1	C = Moderate L = Possible Medium Risk	N	<p>Condition 1 (Table 1): Design and Construction/installation requirements for Crushing and screening plant with associated equipment and 25kL Primary watercart</p> <p>Condition 4 (Table 2): Baseline native vegetation health assessment</p> <p>Condition 6 (Table 3): Environmental Commissioning requirements for dust suppression system</p> <p>Conditions 7 and 8: Environmental Commissioning Reporting requirements for dust suppression system</p> <p>Condition 11 (Table 4): Infrastructure and equipment requirements for crushing and screening plant with associated equipment, stockpile material and watercarts during Time Limited Operations</p> <p>Condition 12: Native Vegetation Health Assessment during Time Limited Operations</p> <p>Condition 13: Submission of Time</p>	<p>As described under Section 3.1.2 of this report, the Prescribed Premises is located within and adjacent to remnant native vegetation that is representative of the Mount Gould PEC, contains large populations of priority flora taxa and habitat for conservation significant/locally significant fauna species that have been recorded in the area through surveys. In addition, the Premises is located approximately 450m from Aboriginal Heritage Site No. 7450.</p> <p>Noting the close proximity of these sensitive receptors to the proposed activities, there is a possible likelihood of dust emissions during commissioning and operations resulting in onsite and offsite impacts to the degradation of remnant native vegetation, the Mt Gould PEC, priority flora species and conservation significant fauna that may utilise the area within and adjacent to the Premises.</p> <p>The Delegated Officer has taken into consideration the Applicant's proposed controls for dust suppression including the application of water sprays throughout the plant and the maintenance of watercarts on site for watering down exposed areas for dust mitigation which will reduce the risk of dust emissions impacting on nearby sensitive receptors.</p> <p>To ensure dust emissions are not likely to impact upon the relevant receptors discussed above, the Delegated Officer has determined that the testing of the plant's dust suppression system</p>

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Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
							Limited Operations report Condition 14: Time Limited Operations reporting requirement for Crushing and screening plant with associated equipment, stockpile material, watercarts and comparison of environmental monitoring data obtained for native vegetation health assessments.	is required during the environmental commissioning phase to ensure its effectiveness. A Native Vegetation Health Assessment of native vegetation located within 500m of the crushing and screening plant is required to be conducted prior to environmental commissioning and during time limited operations to ensure vegetation is not being impacted by dust deposition during plant operation If dust management controls are not preventing dust generated from the primary activities (crushing and screening of iron ore) from crossing the Premises boundary, the works approval holder must apply further controls for dust management. Where further controls are still not preventing dust from the primary activities from crossing the boundary, operations are required to cease. These additional regulatory controls will be conditioned on the works approval to reduce the likelihood of receptors being impacted.
	Noise	Pathway: Air / windborne dispersion Impact: Health and amenity of closest human receptors	Mt Gould Homestead located 5km from Premises boundary. Mount Gould Lockup historical site located 3km from the Premises, however, only receives intermittent tourists.	Refer to Section 3.1	N/A	N/A	N/A	The Delegated Officer considers there is sufficient separation from sensitive receptors to mitigate the risk of noise impacts (no pathway to receptor). The <i>Environmental Protection (Noise) Regulations 2004</i> will apply in respect to potential noise emissions.

Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
		<p>Pathway: Air/windborne dispersion</p> <p>Impact: Impacts to health of threatened fauna species that utilize the area resulting in displacement from their habitat and behavioral changes.</p>	Conservation significant and locally significant fauna species that are known to occur within and adjacent to the Premises boundary.	Refer to Section 3.1	C = Minor L = Unlikely Medium Risk	Y	Condition 1 (Table 1): Design and Construction/installation requirements for Crushing and screening plant with associated equipment	<p>As discussed above, the native vegetation that is within and surrounding the Prescribed Premises boundary contains habitat suitable for conservation significant and locally significant fauna species that have been recorded within the local area.</p> <p>The Delegated Officer considers that the controls proposed by the Applicant including the maintenance of plant equipment in accordance with manufacturers requirements to ensure efficient operation and the plant design to be compliant with Australian Standard Noise Criteria are expected to be sufficient to attenuate any potential noise emissions from the crushing and screening operation to local fauna that may utilize the native vegetation adjacent to the Prescribed Premises boundary.</p>
	Sediment laden stormwater	<p>Pathway: Overland and stockpile runoff during high rainfall events.</p> <p>Impacts: Increase of suspended solids into the environment causing ecosystem disturbance and impacts to surface water quality of nearby waterbodies.</p> <p>Reduced quality of native vegetation representative of the PEC and impact upon conservation</p>	<p>Minor ephemeral tributaries located 70m west and 2.7kms east of the Prescribed Premises boundary.</p> <p>Four priority flora species including <i>Halgania gustafsenii</i> var. <i>Murchison</i> (P1); <i>Tribulus Adelacanthus</i> (P3), <i>Rhodanthe sphaerocephala</i> (P1) and <i>Eremophila wamesii</i> (P1) occur within and adjacent to the Premises boundary.</p> <p>Remnant native vegetation that contains</p>	Refer to Section 3.1	C = Minor L = Unlikely Medium Risk	Y	<p>Condition 1 (Table 1): Design and Construction/installation requirements for Stormwater Management Infrastructure</p> <p>Condition 4 (Table 2): Baseline native vegetation health assessment</p> <p>Condition 11 (Table 4) Infrastructure and equipment requirements for Associated ancillary and Stormwater Management System</p>	<p>The Prescribed Premises sits on an escarpment with a high topographic relief of between 400m to 620m which promotes surface water runoff to flow downslope to the wash plain below and nearby creek lines eventually converging with the Murchison River.</p> <p>Noting the topography of the site and close proximity of the surface water bodies to the operation, there is a risk of surface water/sedimentation runoff from the ROM pad, process plant and stockpile area during a rainfall event entering nearby ephemeral tributaries 'Gould Creek' and 'Bedaburra Creek'.</p> <p>The Delegated Officer has determined that the likelihood of surface water</p>

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Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
		significant flora.	the Mount Gould vegetation complex (banded ironstone formation) (Priority 1) ecological community is located within and adjacent to the Premises boundary.				during Time Limited Operations Condition 12: Native Vegetation Health Assessment during Time Limited Operations Condition 13: Submission of Time Limited Operations report Condition 14: Time Limited Operations reporting requirement for Stormwater Management System and comparison of environmental monitoring data obtained for native vegetation health assessments.	contamination is unlikely based on the Applicant's proposed controls which include the construction of stormwater diversion bunds and drains to separate clean water from potentially contaminated stormwater based on the results of a hydrological study. Therefore, the Delegated Officer considers the likelihood of this risk event to be unlikely. The Applicant's controls will be conditioned within the works approval for time limited operations. The operational requirement to regularly inspect and pump out sedimentation basins to remove excess sediment to prevent overflowing of contaminated stormwater has also been included as an additional regulatory control under Time Limited Operations.
Hydrocarbon spills or leaks from vehicle and equipment use, refuelling or maintenance activities. Spillage, leakage and seepage of hydrocarbons and chemicals used and stored onsite.	Spills / leaks of hydrocarbons	Pathway: Overland runoff during high rainfall events. Leaching through soil profile to groundwater. Impact: Overland flow following a spill or leak event may impact on surface water bodies if not properly contained. Contamination of soils and deterioration of groundwater quality	Minor ephemeral tributaries located 70m west and 2.7kms east of the Prescribed Premises boundary. Four priority flora species including <i>Halgania gustafsenii</i> var. <i>Murchison</i> (P1); <i>Tribulus Adelacanthus</i> (P3), <i>Rhodanthe sphaerocephala</i> (P1) and <i>Eremophila warnesii</i> (P1) occur within and adjacent to the Premises boundary. Remnant native vegetation that contains	Refer to Section 3.1	C = Moderate L = Unlikely Medium Risk	Y	Condition 1 (Table 1): Design and Construction/installation requirements for Associated ancillary and Stormwater Management Infrastructure Condition 11 (Table 4) Infrastructure and equipment requirements for Associated ancillary and Stormwater Management System during Time Limited Operations Condition 13:	Unintended spillages or leakage of hydrocarbons and chemicals from vehicle and equipment use, refuelling and storage on site have the potential to enter and contaminate the nearby 'Gould Creek' and 'Bedaburra Creek', that are located 70m west and 2.7kms east of the Prescribed Premises boundary during high rainfall events. Any contamination entering the creek system during a rain event has the potential to become highly mobile, potentially affecting downstream remnant vegetation. If surface water contamination occurs, the Delegated Officer has determined that the impact of discharges from the

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Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
		inhibiting the survival of adjacent remnant native vegetation, impacting priority flora species and a priority ecological community.	the Mount Gould vegetation complex (banded ironstone formation) (Priority 1) ecological community is located within and adjacent to the Premises boundary.				Submission of Time Limited Operations report. <u>Condition 14:</u> Time Limited Operations reporting requirement for Stormwater Management System and comparison of environmental monitoring data obtained for native vegetation health assessments.	Premises will be offsite impacts with possible adverse effects to the localised environment. Therefore, the Delegated Officer considers the consequence of surface water contamination to be moderate. Onsite impacts to adjoining native vegetation representative of a PEC and containing priority flora taxa and habitat may also occur given the high topographic relief of the site and the likely flow of surface water during rainfall events. The Delegated Officer has determined that the likelihood of surface water contamination is unlikely based on the Applicant's proposed controls. Therefore, the Delegated Officer considers the likelihood of this risk event to be unlikely. The Applicant's controls will be conditioned within the works approval for time limited operations. The operational requirement to regularly inspect and pump out sedimentation basins and the collection sump to remove excess sediment/contaminated stormwater to prevent overflowing has been conditioned on the works approval as an additional regulatory control.

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

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 9 May 2022.	No comments received.	N/A
Local Government Authority advised of proposal on 5 May 2022	The Shire of Meekatharra responded on 13 May 2022 advising that they have no objection to the works approval application being granted.	Noted.
Department of Mines, Industry Regulation and Safety (DMIRS) advised of proposal on 5 May 2022	On 1 June 2022, DMIRS advised that clearing permit CPS 9417/1 was granted on 19 May 2022 and provided a copy of the clearing permit and decision report to the Department. DMIRS advised on 4 July 2022 that the Mining Proposal and Mine Closure Plan for the Mt Gould Project (Reg ID 110364) is still under assessment. DMIRS will be reviewing the acceptability of the proposed crushing and screening plant operation as part of the Mining Proposal assessment.	Noted.
Wajarri Yamaji Aboriginal Corporation advised of proposal on 5 May 2022	No comments received.	N/A
Department of Planning, Lands and Heritage advised of proposal on 5 May 2022	No comments received.	N/A
Department of Biodiversity, Conservation and Attractions (DBCA) advised of proposal on 5 May 2022	Replied on 31 May 2022 advising that DBCA have no comments to provide.	Noted.
Applicant was provided with draft documents on 07 June 2022.	Comments from Applicant received on 30 June 2022. Comments are summarised in Appendix 1.	Refer to Appendix 1.

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. AQ2 Pty Ltd 2022, *Factual Drilling Report – Mt Gould Project Water Supply*, prepared for Newcam Minerals, dated 4 March 2022, Perth, Western Australia, DWER Reference: DWERDT625552.
2. Department of Environment Regulation (DER) 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
3. Department of Water and Environmental Regulation (DWER) 2020, *Guideline: Environmental Siting*, Perth, Western Australia.
4. DWER 2020, *Guideline: Risk Assessments*, Perth, Western Australia.
5. MBS Environmental Pty Ltd 2022, Response on Applicant's behalf to request for further information, dated 18 February 2022, DWER Reference: DWERDT566149.
6. MBS Environmental Pty Ltd 2022a, Response on Applicant's behalf providing information on the revised project area, dated 25 March 2022, DWER Reference: A2092682.
7. MBS Environmental Pty Ltd 2022b, Second response on Applicant's behalf to request for further information for the revised project area, dated 26 April 2022, DWER Reference A2097706.
8. MBS Environmental Pty Ltd 2022c, Response on Applicant's behalf to request for further information providing updated surface water management figure, dated 27 April 2022, DWER Reference: A2097728.
9. MBS Environmental Pty Ltd 2022d, Response on Applicant's behalf to Draft Instrument and Report, dated 30 June 2022, DWER Reference: DWERDT625552
10. Shire of Meekatharra 2022, Response to Referral of a Works Approval under the *Environmental Protection Act 1986* – Reference DER2021/000727, dated 13 May 2022, DWER Reference: DWERDT603662.

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

Condition	Summary of applicant's comment	Department's response
Works Approval		
<p>Condition 1 (Table 1): Construction / installation requirements for Associated ancillary</p> <p>DWER requested that the Applicant advise what material the collection sump will be constructed from and its location at the Premises.</p>	<p>The Applicant noted that the hydrocarbon collection sump will be constructed from concrete or lined with a HDPE liner. The sump will be located adjacent to the refuelling facility in the hardstand area located to the north of the processing area.</p>	<p>Noted and updated Condition 1 (Table 1). Item 2 (c) of the Works Approval with this additional information on the design and construction/installation requirements of the hydrocarbon collection sump at the Premises.</p>
<p>Condition 1 (Table 1): Construction / installation requirements for Stormwater Management Infrastructure</p> <p>DWER requested that the Applicant confirm the number of sedimentation basins at the Premises, the storage capacity of each basin and the Annual Exceedance Probability (AEP) percentage).</p>	<p>The Applicant advised that there will be a minimum of five sediment basins constructed at the Premises with a storage capacity of each basin being:</p> <ul style="list-style-type: none"> • Open Pit - 2 x 100 m2; • Drain 900 m2; • Waste Dump - 300 m2; and • Stockpile 300m2. <p>The Applicant noted that the calculations above are based on the area of catchment reporting to each sediment basin and a 20% (5-yr) AEP Event to capture 100% of 50 um particles (coarse silt) and assumes a total pond depth of 1.5 m.</p> <p>The Applicant noted that inspections of each of the sediment basins will be conducted on a weekly basis and following significant rainfall events to ensure its integrity.</p>	<p>Noted and updated Condition 1 (Table 1), Item 3 of the Works Approval to include this additional information from the Applicant regarding the stormwater management infrastructure that will be constructed and implemented to manage sediment stormwater laden at the Premises.</p>
Decision Report		
<p>Section 3.1.1 (Table 1) of the</p>	<p>The same comments noted above under Condition 1 (Table 1)</p>	<p>Noted and updated Section 3.1.1 (Table 1) of the Decision Report with this additional information from the Applicant</p>

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Condition	Summary of applicant's comment	Department's response
<p>Decision Report: Proposed Applicant's controls for Sediment laden stormwater</p> <p>DWER requested the Applicant advise of the dimensions of the sediment basins located on site. Applicant to advise storage capacity of the basins and the Annual Exceedance Probability (AEP) percentage).</p> <p>DWER requested the Applicant to advise if inspections of sediment basins will be conducted to ensure its integrity (particularly following large rainfall events) and if so the frequency of inspections.</p>	<p>Construction / installation requirements for Stormwater Management Infrastructure of the Works Approval have been provided from the Applicant for the Decision Report.</p>	<p>regarding the stormwater management infrastructure that will be constructed and implemented to manage sediment stormwater laden at the Premises.</p>
<p>Section 3.1.1 (Table 1) of the Decision Report: Proposed Applicant's controls for Spills / leaks of hydrocarbons.</p> <p>The Applicant had noted that incident investigation will be undertaken as required to determine the cause of environmentally harmful spills/leaks and control measures identified to prevent future incidents. DWER advised that noting the presence of nearby receptors, the Applicant is to provide more detail on what incident investigation for determining cause of spills/leaks will entail and the</p>	<p>The Applicant provided the following additional management measures to minimise the risk of potential hydrocarbon/chemical spills occurring at the Premises:</p> <ul style="list-style-type: none"> • Daily pre-start vehicle checks will be undertaken on vehicles and heavy Machinery; • Vehicles and heavy machinery will undergo regular maintenance; • Refuelling activities will be undertaken at the designated re-fuelling facility. Any re-fuelling required in the field will utilise drip trays; • Any spill response will be undertaken in accordance with standard spill procedures (Control, Contain, Clean Up); • Spill kits will be available in each vehicle/machinery and be located in strategic locations around site; • Spills will be reported to the site supervisor and logged in the HSE incident system; • Significant spill incidents will be inspected and investigated, with the 	<p>Noted and updated Section 3.1.1 (Table 1) of the Decision Report to include the Applicant's additional proposed controls for managing spills/leaks of chemicals and hydrocarbon's.</p> <p>Condition 11 (Table 4), Item 3: Stormwater Management Infrastructure of the Works Approval has been updated to specify the frequency of inspections and removal of sediment to be weekly and following rainfall events.</p>

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Condition	Summary of applicant's comment	Department's response
control measures that prevent spills from occurring in the future.	<p>findings recorded in the HSE incident system;</p> <ul style="list-style-type: none"> • All hydrocarbons and chemicals will be stored on appropriate bunding and in accordance with Australian Standards; • There will be no bulk chemical storage containers used on site; and • All employees will undertake a site induction which will include management and awareness of hydrocarbons and chemicals. 	
<p>Section 3.1.2 (Table 2) of the Decision Report: Sensitive human & environmental receptors and distance from prescribed activity - Groundwater</p> <p>Applicant is required to advise what the groundwater levels are (as mBGL (meters below ground level)) across the Premises or provide the surface topography mAHD to allow for understanding of groundwater level mbgl).</p>	<p>The Applicant advised that since submitting the Works Approval application, a water bore drilling program has been conducted to determine the life-of-mine water supply for the Project and two production bores have been drilled at the Premises. The Applicant provided a full copy of the drilling report which provided information on the depth to groundwater data for the two production bores.</p> <p>The Applicant also provided a surface water topography map of the tenement and relevant spatial data (1m and 5m contours to allow for a better understanding of groundwater levels at the Premises.</p>	<p>Updated Section 3.1.2 (Table 2) of the Decision Report to include the additional information on depth to groundwater at the Premises. Figure 7 has also been included in the Decision Report to show the location of the two production bores to understand depth to groundwater at the Premises near the location of the proposed activity.</p>

Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY		
Application type		
Works approval	<input checked="" type="checkbox"/>	
Date application received	17 December 2021 (project area was revised and Premises boundary changed by the Applicant on 25 March 2022).	
Applicant and Premises details		
Applicant name/s (full legal name/s)	Newcam Minerals Pty Ltd	
Premises name	Mt Gould Iron Ore Project	
Premises location	M52/236 (Landor-Meekatharra Rd), Peak Hill	
Local Government Authority	Shire of Meekatharra	
Application documents		
HPCM file reference number:	DER2021/000727	
Key application documents (additional to application form):	Supporting Documents (DWERDT498667) including: <ul style="list-style-type: none"> • <i>WA Application Form Submission;</i> • <i>Attachment 1A Proof of Occupier Status;</i> • <i>Attachment 1B ASIC Company Extract;</i> • <i>Attachment 1C Letter of Authority;</i> • <i>Attachment 2 Premises Maps and Figures;</i> • <i>Attachment 3B Proposed Activities;</i> • <i>Attachment 3C Proposed Clearing;</i> • <i>Attachment 5 Stakeholder Register;</i> • <i>Attachment 6A Emissions and Discharges;</i> • <i>Attachment 7 Siting and Location; and</i> • <i>Attachment 9 Details for Cost of Works.</i> 	
Scope of application/assessment		
Summary of proposed activities or changes to existing operations.	Construction of a 3-stage mobile crushing and screening plant to process up to 1 million tonnes of iron ore mined from one scree deposit over a two year mine life at Mount Gould for the Mount Gould Iron Ore Project.	
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
Category 5: Processing or beneficiation of metallic or non-metallic ore		5.03 mtpa
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: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/>
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA Report No:
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"/> General lease <input type="checkbox"/> Expiry: Mining lease / tenement <input checked="" type="checkbox"/> Expiry: Other evidence <input type="checkbox"/> Expiry:
Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Approval: Expiry date: If N/A explain why? The Applicant has noted on the application form that they intend to apply for planning approvals (as required) at a later date.
Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?	Yes <input type="checkbox"/> No <input type="checkbox"/>	CPS No: 9417/1 The Applicant has applied to clear 95.6 hectares of native vegetation within a 266-hectare envelope under clearing permit CPS 9417/1 for the purpose of mineral production. The application is still under assessment by the Department of Mines, Industry Regulation and Safety.
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 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 checked="" type="checkbox"/> No <input type="checkbox"/>	Application reference No: 5C Groundwater licence application 044257 submitted on 2 September 2021 – currently under assessment Licence/permit No: 26D Licence CAW206588(1) approved on 9 November 2021.
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 type="checkbox"/>	Name: East Murchison Type: Proclaimed Groundwater Area Has Regulatory Services (Water) been consulted? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: N/A Priority: N/A Are the proposed activities/ landuse compatible with the PDWSA (refer to WQPN 25)? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
Is the Premises subject to any other Acts or subsidiary regulations (e.g. <i>Dangerous Goods Safety Act 2004</i> , <i>Environmental Protection (Controlled Waste) Regulations 2004</i> , <i>State Agreement Act xxx</i>)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<i>Mining Act 1978</i> - The Mining Proposal and Mine Closure Plan for the Mt Gould Project (Reg ID 110364) was submitted on 04 April 2022 and is currently under assessment.
Is the Premises within an Environmental	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A

Protection Policy (EPP) Area?		
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
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 Date of classification: N/A