

# **Decision Report**

### **Application for Works Approval**

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

Works Approval Number W6763/2022/1 Applicant Industrial Minerals Ltd ACN 648 183 297 File number DER2022/000630 **Premises** Warradarge Silica Sand Project Legal description -Part of Mining Tenement M70/1417 and Miscellaneous leases L70/237 and L70/238 As defined by the premises map attached to the issued works approval Schedule 1 As defined by the coordinates in Schedule 2 Date of report 3 March 2023 Decision Works approval granted

#### Lauren Edmands MANAGER, RESOURCE INDUSTRIES REGULATORY SERVICES

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 premises. As a result of this assessment, works approval W6763/2022/1 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 <a href="https://dwer.wa.gov.au/regulatory-documents">https://dwer.wa.gov.au/regulatory-documents</a>.

#### 2.2 Application summary and overview of premises

On 21 November 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 proposed premises is approximately 23 km north of Eneabba.

The application is to undertake construction works to build a mobile screening and wash plant, and time-limited operations to process up to 575,000 tonnes per annum (tpa) of silica sand.

The premises relates to the categories and assessed production and design capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in works approval W6763/2022/1. 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 W6763/2022/1.

#### 2.2.1 Background

Most of the proposed prescribed premises is located on Mining tenement M70/1417 for which the applicant has legal ownership. The boundary closely follows that of the private land 8160 Coorow-Greenhead Road, Lot 1 on Plan 12540. The owner of this property has signed a Land Access Deed with the applicant.

This project began with exploration for high purity silica sand across mostly cleared private land. The applicant intends to deposit the excess material from the screening activity back into the mined areas which the applicant suggests will improve the productivity of the paddocks. The applicant has indicated they are cooperating with farming groups to benefit both parties.

#### 2.2.2 Construction

The applicant has stated that construction is likely to take approximately two weeks, including the construction of the settling ponds, mobilisation of the plant and other infrastructure (Figure 1). Infrastructure to be constructed during this period is listed below:

- 2 x track mounted inclined vibrating screening wash plants;
- 9 x settling ponds, each 50 x 33 m with a depth of 3 m 1 m raised embankment and 2 metres below ground level (mbgl);
- Drainage including overflow pipelines and sumps; and
- 2 x moveable cyclone stackers; or
- 2 x modular cyclone / vibrating dewatering plant and associated pumps, conveyors, and product stackers.

Drainage will be constructed around the plant area to direct any surface runoff from rainfall to a settlement sump for reclamation of water to be reused in the process.

The applicant has stated that there will be a total of 60m<sup>3</sup> of diesel fuel stored on site to support primary activities. This quantity does not trigger a category under Schedule 1 of the EP Regulations, however potential discharge and emissions associated with this infrastructure will be considered within the scope of this application as an assessed activity relating to Category 12. All storage tanks will be double walled and self-bunded tanks.

The applicant has advised that fuel will be stored at 3 locations:

- 1. Process plant generator fuel tank (capacity of 9m<sup>3</sup>);
- 2. Production bore generator fuel tank (1m<sup>3</sup>); and
- 3. The bulk storage fuel tank (capacity of 50m<sup>3</sup>) located within the main plant area.



Figure 1. Proposed Prescribed premises and infrastructure

#### 2.2.3 Time limited operations

The applicant has stated that they will only be mining silica sand particles between  $>75\mu$ m and <2mm in diameter. Sand outside of this range that are oversized (>2mm) or fines ( $<75\mu$ m) will be screened out and re-deposited back into mined areas.

The plant will process the mined silica sand at a throughput of 575,000 tpa. Mined material will be hauled to the Run of Mine (ROM) prior to being put through the plant. After the target product is screened, it will be washed to remove any attached fines and then stockpiled ready for removal off site.

Screened oversized material will be returned to the mining voids, while sediment-laden process water will be directed to settlement ponds to allow the fines to settle. The water will travel through

eight settlement ponds via overflow pipelines until the final process pond where the water will be extracted and reused for processing. Water from the process pond will also be used for dust suppression on roads and to wet down stockpiles.

### 3. Legislative context

#### **3.1 Mining Act 1978**

The Department of Mines, Industry Regulation and Safety (DMIRS) advised that the Mining Proposal (Registration ID: 115066) related to this project has been submitted and is currently under assessment.

#### 3.2 Environmental Protection (Clearing of Native Vegetation) Regulations 2004

A native vegetation clearing permit (CPS9977/1) has been granted on 2 February 2023 for the proposed clearing of 4.25ha.

#### 3.3 Rights in Water and Irrigation Act 1914

The applicant has a groundwater licence (GWL207214) to abstract 49,000 kL/year. An amendment will be submitted to DWER to request an increase to abstract up to 51,800 kL/year to support project operations.

### 4. 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.

#### 4.1 Source-pathways and receptors

#### 4.1.1 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 details the control measures the applicant has proposed to assist in controlling these emissions, where necessary.

Emission	Sources	Potential pathways	Proposed controls
Construction	ı		
Noise	<ul> <li>Vehicle movement;</li> <li>Settling pond construction; and</li> <li>Movement of mobile plant onto premises.</li> </ul>	Air / windborne pathway	N/A

#### Table 1: Proposed applicant controls

Emission	Sources	Potential pathways	Proposed controls
Dust	Clearing and earthworks;		<ul> <li>Water trucks utilised for dust management on roads and during construction activities;</li> </ul>
	<ul> <li>Construction of settling ponds; and</li> </ul>		<ul> <li>Daily visual inspections to identify excessive dust generation;</li> </ul>
	<ul> <li>Movement of mobile plant onto premises.</li> </ul>		<ul> <li>Vehicles to travel at a speed limit 60km to reduce dust generation;</li> </ul>
			<ul> <li>Complaints on dust will be recorded, investigated and remedial action undertaken.</li> </ul>
Operation			
Dust	<ul> <li>Sand stockpiles;</li> <li>Product stockpiles; and</li> <li>Screening plant.</li> </ul>	Air / windborne pathway	<ul> <li>Applicant intends to undertake baseline dust monitoring prior to commencement of mining – project area and surrounding properties actively cropped (therefore there are local and regional dust sources during this process);</li> </ul>
			<ul> <li>Water truck used to manage dust around the plant, on the ROM pad and roads as required;</li> </ul>
			Product in plant will be wet;
			<ul> <li>Daily inspection of plant area will include observation of dust assessment and walking of plant site perimeter; and</li> </ul>
			Water sprays installed around the product area to minimise dust generation when dry stacking.
Noise	Screening / washing plant.		N/A
Contaminated stormwater	<ul> <li>Operation of the sand wash plant</li> </ul>	Direct discharge to land	<ul> <li>Bunds / drains constructed around plant and product stockpile;</li> </ul>
	(Including stockpiling of product)		• Plant / product stockpile areas to be graded so runoff is directed to sumps where it can be reclaimed.
Sediment	Settlement ponds	Overtopping	Ponds surrounded by cleared areas;
laden water		of ponds	<ul> <li>Area will be graded away from fenced remnant vegetation located to the east of the plant area;</li> </ul>
			Ponds inter-connected via overflow pipe;
			<ul> <li>Final pond (process water pond) lowered in elevation and critical freeboard of 0.3m.</li> </ul>
			<ul> <li>Process water pond water be prioritised for use instead of the groundwater to prevent breach of freeboard; and</li> </ul>
			Daily inspections and records for ponds.
		Seepage through walls / base	<ul> <li>Processing of product requires no chemicals or additives that could be a source of contamination; and</li> </ul>
			<ul> <li>Ponds lined with material to a permeability of 1 x 10<sup>-9</sup> m/s or less.</li> </ul>

Emission	Sources	Potential pathways	Proposed controls
Hydrocarbon spills / contaminated stormwater	Storage of hydrocarbons		• All hydrocarbons on site will be stored and handled according to the applicable sections of the Dangerous Goods Safety Act 2004, Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007 and Dangerous Goods Safety (Explosives) Regulations 2007;
			<ul> <li>High-density polyethylene lined earthen bund located around storage tanks OR double-skinned tanks used;</li> </ul>
			<ul> <li>Hydrocarbons stored in or on appropriately bunded areas;</li> </ul>
			Regular inspections of bulk fuel storage;
			<ul> <li>Spillages will be cleaned up and disposed of as per appropriate safety data sheets, relevant environmental and safety guidelines; and</li> </ul>
			<ul> <li>Spill kits made available in the plant and workshop areas.</li> </ul>

#### 4.1.2 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 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 I	human and environment	al receptors and	distance from	prescribed
activity				

Human receptors	Distance from prescribed activity					
Aboriginal heritage sites	No known Aboriginal sites will be impacted.					
Nearby Residencies	Residential dwelling on 8160 Coorow-Greenhead Rd approximately 1.2km south- east of plant location. As this receptor is located on the same cadastral boundary, the assigned noise levels (Noise Regulations) do not apply, and this receptor is therefore not assessed in this document.					
	Other nearby residencies are noted below:					
	<ul><li>3.3km SE of plant; and</li><li>4.4km NE of plant.</li></ul>					
	Due to this distance, noise emissions to human receptors will not be considered further in the risk assessment.					
Environmental receptors	Distance from prescribed activity					
Department of Biodiversity, Conservation and Attraction (DBCA) Legislated tenure	<ul> <li>The departments desktop survey indicated several DBCA reserves:</li> <li>A <i>Conservation of Flora</i> (R26125) directly west of the proposed prescribed premises; and</li> <li>A <i>Conservation of Flora and Fauna H982667</i> (R476713) 950m east of proposed prescribed premises.</li> </ul>					

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Threatened / Priority flora	The departments desktop survey indicated several Ecologically significant flora sightings within prescribed premises and within 500m buffer of the prescribed premises boundary:					
	<ul> <li>Eucalyptus exilis (P4);</li> <li>Verticordia rutilastra (P3);</li> <li>Loxocarya gigas (P2);</li> <li>Jacksonia anthoclada (P3);</li> <li>Grevillea rudis (P4);</li> <li>Calectasia browneana (P2);</li> <li>Lepidobolus quadratus (P3);</li> <li>Eucalyptus johnsoniana (Threatened);</li> <li>Calytrix chrysantha (P4).</li> </ul>					
Surrounding area	Area within M70/1417 is cleared for agricultural land and is subject to livestock grazing. Surveys have indicated that vegetation surrounding the plant site have been identified to be planted with Tagasaste ( <i>Chamaecytsis palmaensis</i> ) which is frequently used as animal fodder. The nearest patch of remnant vegetation is 100m east of the proposed plant area.					
Threatened fauna	The department's desktop survey indicated several sightings of <i>Zanda latirostris</i> (Carnaby's Cockatoo) – <u>Endangered</u> , within a 500m buffer of the prescribed premises boundary.					
Surface water lines	From the department's desktop survey:					
	<ul> <li>Two ephemeral creek line runs into the north sections of the premises; and</li> <li>Ephemeral creek line 1km to the west of the premises.</li> </ul>					
Groundwater	Groundwater depth (where unconfined) greater than 20m. Groundwater data (August 2022):					
	- pH: 6.23 - TDS: 1240 mg/L					
	Groundwater users:					
	<ul> <li>South (70,000kL/y), east (300,000kL/y) and northeast (24,000kL/y) from deep Yarragadee North aquifer.</li> </ul>					
	This project will take from the Perth surficial aquifer.					

#### 4.1.3 Receptor – Threatened fauna

It is noted that there are limited studies on noise and dust impacts to fauna.

The surrounding area is mostly cleared for agricultural purposes with some existing Coastal Blackbutt trees which could attract foraging activities to the area (Western Ecological, 2022). The nearest water sources are over 10km away. DAWE (2022) guidelines state that roosting sites (which are habitats of ecological importance) are usually within 2km of a watering point. Due this this rationale it is likely that these sightings were associated with foraging activities or flying over the area and not roosting impacts.

It is unlikely that noise and dust emissions produced on the premises will have a significant impact on this species.

### 4.2 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 4.1. 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 4.1), 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 W6763/2022/1 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. screening of silica sand and bulk fuel storage. 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.

Risk events					Risk rating <sup>1</sup> Applicant	Conditions <sup>2</sup>		
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls	C = consequence L = likelihood	controls sufficient ?	of works approval	Justification for additional regulatory controls
Category 12: Construc	Category 12: Construction							
Source: Placement of screener and sand wash plant; and Installation of fuel tanks	Dust	Pathway: air / windborne pathway Impact: smothering of vegetation	Priority flora and remnant native vegetation DBCA Legislated Land	Refer to Section 4.1.1	C = Slight L = Rare Low Risk	Y	Condition 1: infrastructure location	Estimated duration of construction is expected to take approximately 2 weeks. As dust emissions are likely to be minimal during this short-term duration, there are no additional regulatory controls.
Source: • Construction of settlement ponds;		<b>Pathway:</b> air / windborne	Threatened		C = Minor			
and Drainage sumps Activities: Earthworks; and Vehicle movements	Noise	pathway Impact: disturbance to fauna	fauna – Carnaby's Black Cockatoo	N/A	L = Rare Low Risk	N/A	N/A	See section 4.1.3
Time-limited operation	s							
Source: • Operation of sand screening / wash plant		<b>Pathway:</b> air / windborne pathway	Priority flora and	Refer to Section 4.1.1	C = Slight	Y	N/A	As feed product will be wet in screen, the dust emissions are considered minimal. No additional regulatory controls required.
Source: • Product stockpiles / ROM pad	Dust	Impact: smothering of vegetation and disturbance to fauna	vegetation DBCA Legislated Land	Refer to Section 4.1.1	L = Rare Low Risk	Y	Condition 1: Water truck	Applicant's proposed controls to suppress dust emissions with the use of water trucks are considered sufficient in mitigating the risk.

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

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

Risk events					Risk rating <sup>1</sup>	Applicant	Conditions <sup>2</sup>	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls	C = consequence L = likelihood	controls sufficient ?	of works approval	
			Threatened fauna – Carnaby's Black Cockatoo	N/A		N/A	N/A	See section 4.1.3
	Sediment laden stormwater	Pathway: overland flow Impact: contamination of vegetation and soil	Priority flora and remnant native	Refer to Section 4.1.1	C = Minor L = Unlikely <b>Medium Risk</b>	Y	Condition 1: drainage infrastructure	The applicant's proposed controls to construct bunds around the plant and product stockpile area and to create sumps to collect stormwater runoff.
Source: • Settlement ponds	Process water	Pathway: overtopping of ponds Impact: contamination to vegetation and soil	vegetation DBCA Legislated Land	Refer to Section 4.1.1	C = Slight L = Rare Low Risk	Y	Condition 1: construction of settling ponds Condition 6: freeboard limit & inspection of process water pond	Settling ponds will be interconnected with an overflow pipe to ensure overtopping does not occur. The final pond (process pond) will have the applicants proposed controls of a 0.3m freeboard and daily inspection to ensure this is maintained.
		Pathway: seepage through base / walls of ponds Impact: contamination to vegetation and soil	Groundwater (>20m deep)	Refer to	C = Slight	Y	Condition 1: construction of settling ponds	Ponds will be no deeper than 2 mbgl. Contents in the ponds will only be process water (retrieved from production bores) mixed with fine material. Due to the distance between groundwater, base of the ponds, and the contents held in the pond, the risk to groundwater is low and no additional regulatory controls will be conditioned.
Source: • Fuel storage tanks	Contaminated stormwater	Pathway: Leaks causing direct discharge to land and overland flow or infiltration and migration through soil and groundwater Impacts:	Ephemeral creek lines	Section 4.1.1	L = Rare Low Risk	Y	Condition 1: construction requirements	Topography of the area suggests location of activities occurs within lower altitudes and therefore any surface water produced as a result of these activities are unlikely to reach northern ephemeral creek lines. It is unlikely that proposed activities will have any impacts to surface water receptors and therefore no additional regulatory controls will be conditioned.

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Risk events			Risk rating <sup>1</sup>	Applicant	Conditions <sup>2</sup>			
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls	C = consequence L = likelihood	controls sufficient ?	of works approval	Justification for additional regulatory controls
		contamination to vegetation and soil	Driority floro and	Refer to	C = Minor			Applicant controls to construct the bunded storage tanks should be adequate in preventing leaks from contaminating stormwater and impacting surrounding vegetation and soils.
	Hydrocarbons	Pathway: Spills causing direct discharge to land and overland flow or infiltration and migration through soil and	Priority flora and remnant native vegetation Groundwater (>20m deep) DBCA Legislated Land	4.1.1 L = Un Medium	L = Unlikely <b>Medium Risk</b>			Applicant controls to construct bunded storage tank should be sufficient in mitigating the risk of hydrocarbon spills. Noting that the <i>Environmental Protection</i>
		groundwater Impacts: contamination to vegetation and soil		Refer to Section 4.1.1	C = Slight L = Unlikely Medium Risk	Y	Condition 1: construction requirements	(Unauthorised Discharges) Regulations 2004 are in place.

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.

### 5. 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 19 December 2022.	None received.	N/A.
Local Government Authority (Shire of Coorow) advised of proposal on 19 December 2022.	None received.	N/A.
8160 Coorow-Green Head Road Property Owner advised of proposal on 19 December 2022.	None received.	N/A.
Department of Mines, Industry Regulation and Safety (DMIRS) advised of proposal 19 December 2022.	Comments received on 16 January 2023 to confirm that the Mining Proposal (Reg ID 115066) is currently being assessed for this proposal.	Noted.
Applicant was provided with draft documents on 22 February 2023.	Applicant responded on 22 February 2023 to address outstanding information in the draft document and requested to waive the comments period.	Department has noted the outstanding information and waived the remainder of the comment period.

### 6. 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 Agriculture, Water and the Environment (DAWE) 2022, *Referral guideline for 3 WA threatened black cockatoo species: Carnaby's Cockatoo, Baudin's Cockatoo and the Forest Red-tailed Black-cockatoo*, Canberra.
- 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. SLR Consulting Australia Pty Ltd (SLR) 2022, *Environmental Noise Assessment Silica Sand Extraction Eneabba*, Perth, Western Australia.
- 6. Western Ecological 2022, Warradarge Fauna Desktop Assessment Report, Western Australia

## Appendix 1: Application validation summary

SECTION 1: APPLICATION SUMMARY								
Application type	Application type							
Works approval								
Date application received     21 November 2022								
Applicant and Premises details								
Applicant name/s (full legal Industrial Minerals Ltd (648 183 297)								
Premises name	Warradarge Silica Sand Project							
Premises location	Prescribed premises occurs as part of M70/1417, L70/237 and L70/238. 25km south of Eneabba and 220km north of Perth. Prescribed premises mostly lies over Lot 1 on Plan 12540 – address is 8160 Corrow-Green Head Road, WARRADARGE 6518							
Local Government Authority	Shire of Coorow							
Application documents								
HPCM file reference number:	DER2022/000630							
Key application documents (additional to application form):	Supporting docs:         -       Attach 1A: ASIC Company Extract         -       Attach 1B: Proof of occupier status (only for M70/1417)         -       Attach 2: Site Plan         -       Attach 3B: Proposed activities         -       Attach 3A: Commissioning / TLO plan         -       Attach 5: other approvals         -       Attach 6A: Emissions / discharges         -       Attach 7: siting and existing environment.							
Scope of application/asses	sment							

	Construction:			
	<ul> <li>Proposed commencement = Feb 2023 (approximately 2 weeks)</li> </ul>			
	<ul> <li>Placement of screening and sand wash plant (2 x track mounted inclined vibrating screening wash plants)</li> </ul>			
	- Settlement ponds (9 in total)			
	- Drainage and sumps (to collect surface water runoff)			
	Infrastructure:			
	- ROM;			
	- Product stockpiles; and			
	<ul> <li>Oversize and fines stockpile area (prior to being deposited back into mined areas)</li> </ul>			
	Commissioning (plan):			
Summary of proposed	- Proposed commencement = Mar 2023			
activities or changes to existing operations.	1. Stage 1: dry commissioning = test and commission all systems			
	<ol><li>Stage 2: wet commissioning = systems and components operated with water but no feed running through the plant.</li></ol>			
	<ol> <li>Stage 3: introduction of feed into circuit = adjustments to conveyors and chutes. Initial feed rate will be low and gradual</li> </ol>			
	- Timeframe: within 2 weeks of mobilising plant			
	Operation (including time-limited operations):			
	<ul> <li>Proposed commencement of TLO = Mid-Mar 2023</li> </ul>			
	- 575,000 tonnes per annual period; operating period for approx. 5 years.			
	<ul> <li>Material transported to ROM → material will be screened / washed (stockpiling of product temporarily before being transported off-site)</li> </ul>			
	<ul> <li>Water used in plant discharged to settlement ponds to settle out fines → water will travel through all ponds, stored in final pond in series (process pond) and will be re-circulated for processing and dust- suppression</li> </ul>			
Category number/s (activitie	s that cause the premises to become pres	cribed premises)		
Table 1: Prescribed premise	s 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	<b>Proposed</b> – 575,000 tonnes per annual period (Estimated plant operation is based on a single 12 hour shift, 6 days per week roster. Estimated operating period of 5 years)	N/A		
Legislative context and other approvals				
Has the applicant referred, or do they intend to refer, their propos the EPA under Part IV of the EP as a significant proposal?	al to Act Yes □ No ⊠			
Does the applicant hold any exis Part IV Ministerial Statements relevant to the application?	ting Yes □ No ⊠			

Has the proposal been referred and/or assessed under the EPBC Act?	Yes 🗆 No 🛛	
Has the applicant demonstrated occupancy (proof of occupier status)?	Yes 🗆 No 🗆	<ul> <li>Miscellaneous lease ⊠ Expiry:</li> <li>L70/237 – Expiry: 2/12/2043</li> <li>L70/238 – Expiry: 2/12/2043</li> <li>Mining lease / tenement ⊠ Expiry:</li> <li>M70/1417 – Expiry: 24/08/2043</li> </ul>
Has the applicant obtained all relevant planning approvals?	Yes □ No □ N/A ⊠	Approval: Expiry date: If N/A explain why? Subject to Mining Act 1978 – previously on freehold land before signing Land Access agreement (19/10/21) with property owner of 8160 Coorow- Greenhead Rd Lot 1 on Plan 12540
Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?	Yes ⊠ No □	CPS No: 9977/1 – assessed by DMIRS
Has the applicant applied for, or have an existing CAWS Act clearing licence in relation to this proposal?	Yes □ No ⊠	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 🛛 No 🖾	Application reference No: Licence/permit No: GWL2072014 – abstraction of 49,000kL (from Perth – Surficial aquifer, from groundwater area Arrowsmith, subarea Twin Hills) Applicant have stated that based on estimated annual production, the annual water requirement from the borefield has been estimated at 51,800kL
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)?	Yes □ No ⊠	Name: N/A         Type: N/A         Has Regulatory Services (Water) been consulted?         Yes □ No □ N/A ⊠         Regional office:         Note: Proposed premises lies on top of Arrowsmith Groundwater Area and Arrowsmith Hill River and Tributaries Catchment Surface Water Area
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes □ No ⊠	Name: N/A Priority: N/A Are the proposed activities/ landuse compatible with the PDWSA (refer to <u>WQPN 25</u> )? Yes □ No □ N/A ⊠

Is the Premises subject to any other Acts or subsidiary regulations (e.g. Dangerous Goods Safety Act 2004, Environmental Protection (Controlled Waste) Regulations 2004, State Agreement Act xxxx)	Yes ⊠ No □	Health Act 1911 – (approval to install septic sewage system at site of office / crib room) Mining Act 1978 Rights in Water and Irrigation Act 1914
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes 🗆 No 🖂	
Is the Premises subject to any EPP requirements?	Yes ⊠ No ⊠	
Is the Premises a known or suspected contaminated site under the Contaminated Sites Act 2003?	Yes 🗆 No 🖂	