



Referral of a Proposal to the Environmental Protection Authority under Section 38 of the *Environmental Protection Act 1986*.

PURPOSE OF THIS FORM

Section 38 of the *Environmental Protection Act 1986* (EP Act) makes provision for the referral to the Environmental Protection Authority (EPA) of a proposal (significant proposals, strategic proposals and proposals under an assessed scheme) by a proponent, a decision making authority (DMA), or any other person.

The purpose of this form is to ensure that EPA has sufficient information about a proposal to make a decision about the nature of the proposal and whether or not the proposal should be assessed under Part IV of the EP Act. Information provided in the referral form must be brief (no more than 30 pages), sharp and succinct to achieve the purposes of this form.

This form does not prevent the referrer from providing a supplementary referral report. Should a referrer choose to submit a supplementary referral report please ensure the following.

- i. Information is short, sharp and succinct.
- ii. Attachments are below eight megabytes (8 MB) as they will be published on the EPA's website (exemptions apply) for public comment. To minimise file size, "flatten" maps and optimise pdf files.
- iii. Cross-references are provided in the referral form to the appropriate section/s in the supplementary referral report.

This form is to be used for all proposals¹ which can be referred to the EPA under section 38 of the EP Act; i.e. referrals from: **proponents** of proposals (significant proposals, strategic proposals, derived proposals, proposals under an assessed scheme); **DMAs** (significant proposals); and **third parties** (significant proposals).

This form is divided into several sections, including; Referral requirements and Declaration; Part A - Information of the proposal and proponent; and Part B Environmental Factors. Guidance on successfully completing this form is provided throughout the form and is also available in the EPA's *Environmental Assessment Guideline for Referral of a Proposal under s38 of the EP Act* (EAG 16).

Send completed forms to

Office of the Environmental Protection Authority
Locked Bag 10, East Perth WA 6892

or

Email: Registrar@epa.wa.gov.au

Enquiries

Office of the Environmental Protection Authority
Locked Bag 10, East Perth WA 6892

Telephone: 6145 0800

Fax: 6145 0895

Email: info@epa.wa.gov.au

Website: www.epa.wa.gov.au

¹ Please note that this form consolidates and replaces the following forms: *Referral of a Proposal by the Proponent to the EPA under section 38(1) of the EP Act*, *Referral of a Proposal by a third party to the EPA under section 38(1) of the EP Act*, and *Referral of a development proposal to the EPA by the decision making authority*.

Referral requirements and Declaration

The following section outlines the referral information required from a proponent, decision making authority and third party.

(a) Proponents

Proponents are expected to complete all sections of the form and provide GIS spatial data to enable the EPA to consider the referral. Spatial GIS data is necessary to inform the EPA's decision.

The EPA expects that a proponent will address Part B of the form as thoroughly as possible to demonstrate whether or not the EPA's objectives for environmental factors can be met.

If insufficient information is provided the EPA will request more information and processing of the referral will commence once the information is provided or the EPA decides to make a precautionary determination on the available information.

Proponent to complete before submitting form	
Completed all the questions in Part A (essential)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Completed all the questions in Part B	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Completed all other applicable questions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Included Attachment 1 – any additional document(s) the proponent wishes to provide	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Included Attachment 2 – confidential information (if applicable)	<input type="checkbox"/> Yes <input type="checkbox"/> No N/A
Enclosed an electronic copy of all referral information, including spatial data and contextual mapping but clearly separating any confidential information	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Completed the Declaration	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
What is the type of proposal being referred? <i>* a referred proposal seeking to be declared a derived proposal</i>	<input checked="" type="checkbox"/> significant <input type="checkbox"/> strategic <input type="checkbox"/> derived* <input type="checkbox"/> under an assessed scheme
Do you consider the proposal requires formal environmental impact assessment?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, what level of assessment? <i>API = Assessment of Proponent Information</i> <i>PER = Public Environmental Review</i>	<input type="checkbox"/> API Category A <input type="checkbox"/> API Category B <input type="checkbox"/> PER


NB: The EPA may apply an Assessment on Proponent Information (API) level of assessment when the proponent has provided sufficient information about:

- the proposal;
- the proposed environmental impacts;
- the proposed management of the environmental impacts; and
- when the proposal is consistent with API criteria outlined in the [Environmental Impact Assessment \(Part IV Division 1 and 2\) Administrative Procedures 2012](#).

If an API A formal level of assessment is considered appropriate, please refer to Environmental Assessment Guideline No. 14 *Preparation for an Assessment on Proponent Information (Category A) Environmental Review Document EAG 14 (EAG14)*.

Declaration

I, James Hickey, declare that I am authorised on behalf of IMD Gold Mines Ltd (being the person responsible for the proposal) to submit this form and further declare that the information contained in this form is true and not misleading.

Signature				Name	James Hickey		
Position	Director		Organisation	IMD Gold Mines Ltd			
Email	jim.hickey@imdgoldmines.com						
Address	125		Royal Street				
	East Perth			WA	6004		
Date	22 April 2016						

(b) Decision-making authority

The EPA expects decision-making authorities to complete applicable sections of Part A of the form and provide the proponent an opportunity to provide additional information in Part B of the form where appropriate.

Wherever possible the DMA should obtain relevant spatial information from the proponent and provide this to the EPA with the referral.

DMA to complete before submitting form	
Completed all the questions in Part A (essential)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Provided Part B to the proponent for completion	<input type="checkbox"/> Yes <input type="checkbox"/> No
Completed all other applicable questions	<input type="checkbox"/> Yes <input type="checkbox"/> No
Included Attachment 1 – any supporting information	<input type="checkbox"/> Yes <input type="checkbox"/> No
Enclosed an electronic copy of all referral information, including spatial data and contextual mapping	<input type="checkbox"/> Yes <input type="checkbox"/> No
Completed the below Declaration	<input type="checkbox"/> Yes <input type="checkbox"/> No
Do you consider the proposal requires formal environmental impact assessment?	<input type="checkbox"/> Yes <input type="checkbox"/> No
What is the type of proposal being referred?	<input type="checkbox"/> significant proposal <input type="checkbox"/> significant proposal under an assessed scheme

Declaration

I,, (*full name*) submit this referral to the EPA for consideration of the environmental significance of its impacts.

Signature		Name (print)	
Position		Organisation	
Email			
Address	Street No.	Street Name	
	Suburb	State	Postcode
Date			

(c) Third Party

Third parties are asked to have consideration for the Significance Test outlined in Part A Section 1.5 of this form before referring a significant proposal to the EPA. The EPA will only consider proposals that are likely, if implemented, to have a significant effect on the environment.

Third parties are to provide sufficient information to clearly identify the significant proposal, the proponent, and their reasons for referring the proposal. This can be done by completing as much of Part A of the form as possible, taking into consideration the information available. Third parties may wish to fill in Part B of the form to advance their own views of the significance of the environmental impacts and the need for EPA assessment.

In most cases the EPA will seek additional information from the proponent. This will be to confirm or amend the identity of the proponent, the proposal, and to allow the proponent opportunity to provide its views on the significance of the environmental impacts and the need for EPA assessment.

Third Party to complete before submitting form	
Complete all applicable questions in Part A and B	<input type="checkbox"/> Yes <input type="checkbox"/> No
Completed the Declaration	<input type="checkbox"/> Yes <input type="checkbox"/> No
Do you consider the proposal requires formal environmental impact assessment?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Declaration

I,, (*full name*) submit this referral to the EPA for consideration of the environmental significance of its impacts.

Signature		Name (print)	
Email			
Position		Organisation	
Address	Street No.	Street Name	
	Suburb	State	Postcode
Date			

PART A: Information on the proposal and the proponent

All fields of Part A must be completed by the proponent and/or decision-making authority for this document to be processed as a referral. Third party referrers are only expected to fill in the fields they have information for.

1 PROPONENT AND PROPOSAL DESCRIPTION

1.1 The proponent of the proposal

Proponent and/or DMA to complete	
Name of the proponent	IMD Gold Mines Ltd
Joint Venture parties (if applicable)	
Australian Company Number(s)	605 374 856
Postal Address <i>(Where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State)</i>	125 Royal Street, East Perth WA 6004
Key proponent contact for the proposal <i>Please include: name; physical address; phone; and email.</i>	Jim Hickey 125 Royal Street, East Perth WA 6004 0400 744 282 jim.hickey@imgoldmines.com.au
Consultant for the proposal (if applicable) <i>Please include: name; physical address; phone; and email.</i>	Sonia Finucane Bioscope Environmental Consulting Pty Ltd PO Box 1256 East Victoria Park WA 6101 sonia.finucane@biosenv.com.au

1.2 Proposal

Proposal is defined under the EP Act to mean a “project, plan, programme policy, operation, undertaking or development or change of land use, or amendment of any of the foregoing, but does not include scheme”. Before completing this section please refer to [Environmental Protection Bulletin 17 – Strategic and derived proposals \(EPB 17\)](#) and [Environmental Assessment Guideline for Defining the Key Characteristics of a proposal \(EAG 1\)](#).

Proponent and/or DMA to complete	
Title of the proposal	Battler Gold Mine Redevelopment
What project phase is the proposal at?	<input type="checkbox"/> Scoping <input type="checkbox"/> Feasibility <input checked="" type="checkbox"/> Detailed design <input type="checkbox"/> Other _____
Proposal type <i>More than one proposal type can be identified, however for filtering purposes it is recommended that only the primary proposal type is identified.</i>	<input type="checkbox"/> Power/Energy Generation <ul style="list-style-type: none"> <input type="checkbox"/> Hydrocarbon Based – coal <input type="checkbox"/> Hydrocarbon Based – gas <input type="checkbox"/> Waste to energy <input type="checkbox"/> Renewable – wind <input type="checkbox"/> Renewable – wave <input type="checkbox"/> Renewable – solar

Proponent and/or DMA to complete	
	<input type="checkbox"/> Renewable – geothermal <input type="checkbox"/> Mineral / Resource Extraction <input type="checkbox"/> Exploration – seismic <input type="checkbox"/> Exploration – geotechnical <input checked="" type="checkbox"/> Development <input type="checkbox"/> Oil and Gas Development <input type="checkbox"/> Exploration <input type="checkbox"/> Onshore – seismic <input type="checkbox"/> Onshore – geotechnical <input type="checkbox"/> Onshore – development <input type="checkbox"/> Offshore – seismic <input type="checkbox"/> Offshore – geotechnical <input type="checkbox"/> Offshore – development <input type="checkbox"/> Industrial Development <input type="checkbox"/> Processing <input type="checkbox"/> Manufacturing <input type="checkbox"/> Beneficiation <input type="checkbox"/> Land Use and Development <input type="checkbox"/> Residential – subdivision <input type="checkbox"/> Residential – development <input type="checkbox"/> Commercial – subdivision <input type="checkbox"/> Commercial – development <input type="checkbox"/> Industrial – subdivision <input type="checkbox"/> Industrial – development <input type="checkbox"/> Agricultural – subdivision <input type="checkbox"/> Agricultural – development <input type="checkbox"/> Tourism <input type="checkbox"/> Linear Infrastructure <input type="checkbox"/> Rail <input type="checkbox"/> Road <input type="checkbox"/> Power Transmission <input type="checkbox"/> Water Distribution <input type="checkbox"/> Gas Distribution <input type="checkbox"/> Pipelines <input type="checkbox"/> Water Resource Development <input type="checkbox"/> Desalination <input type="checkbox"/> Surface or Groundwater <input type="checkbox"/> Drainage <input type="checkbox"/> Pipelines <input type="checkbox"/> Managed Aquifer Recharge <input type="checkbox"/> Marine Developments <input type="checkbox"/> Port <input type="checkbox"/> Jetties <input type="checkbox"/> Marina <input type="checkbox"/> Canal

Proponent and/or DMA to complete	
	<input type="checkbox"/> Aquaculture <input type="checkbox"/> Dredging <i>If other, please state below:</i> <input type="checkbox"/> Other _____
Proponent and/or DMA to complete	
Description of the proposal – describe the key characteristics of the proposal in accordance with EAG 1 .	<p>The proposal comprises re-opening and redevelopment of the Battler Gold Mine. It is proposed that up to 165,000 t of gold ore be mined from an open pit over a period of 11 months. Waste Rock Landforms will be developed along with support infrastructure (comprising a site office, crib room, explosives magazine). An evaporation pond will be developed.</p> <p>See Section 1 of the Environmental Referral Supporting Document (ERSD) for further information.</p>
Timeframe in which the proposal is to occur (including start and finish dates where applicable).	Commencement of ground-disturbing activities is scheduled for Q3 of 2016, following approval of the Mining Proposal and Mine Closure Plan.
Details of any staging of the proposal.	This is not a staged proposal.
What is the current land use on the property, and the extent (area in hectares) of the property?	<p>The project area has been disturbed by previous gold mining and processing activities. Areas adjacent to the existing mine have been subject to mineral exploration activities.</p> <p>The tenements that form the project envelope cover 61.5 ha.</p> <p>See Section 2 of the ERSD for further information.</p>
<p>Have pre-referral discussions taken place with the OEPA?</p> <p>If yes, please provide the case number. If a case number was not provided, please state the date of the meeting and names of attendees.</p>	Representatives of IMD met with Anthony Sutton and Helen Butterworth on 10 March 2016 (See Section 4-1 of the ERSD).
DMA (Responsible Authority) to complete	
<p>For a proposal under an assessed scheme (as defined in section 3 of the EP Act, applicable only to the proponent and DMA) provide details (in an attachment) as to whether:</p> <ul style="list-style-type: none"> <i>The environmental issues raised by the proposal were assessed in any assessment of the assessed scheme.</i> <i>The proposal complies with the assessed</i> 	

Proponent and/or DMA to complete	
<i>scheme and any environmental conditions in the assessed scheme.</i>	

1.3 Strategic / derived proposals

Complete this section if the proposal being referred is a strategic proposal or you are seeking the proposal to be declared a derived proposal. Note: Only a proponent may refer a strategic proposal and seek a proposal to be declared a derived proposal.

Proponent to complete	
Is this referred proposal a strategic proposal?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are you seeking that this proposal be declared a derived proposal?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If you are seeking that this proposal be declared a derived proposal, what is the Ministerial Statement number (MS #) of the associated strategic proposal?	MS #: _____

1.4 Location

Proponents and DMAs must provide spatial data. Please refer to [EAG 1](#) for more detail.

Proponent, DMA and Third Party to complete	
Name of the Local Government Authority in which the proposal is located.	Shire of Southern Cross
Location: a) street address; lot number; suburb; and nearest road intersection; or b) if remote the nearest town; and distance and direction from that town to the proposal site.	The project area is located approximately 14 km southeast of the town of Southern Cross, Western Australia.
Have maps and figures been included with the referral (consistent with EAG 1 where appropriate)? <i>The types of maps and figures which need to be provided (depending on the nature of the proposal) include:</i> <ul style="list-style-type: none"> • maps showing the regional location and context of the proposal; and • figures illustrating the proposal elements. 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Proponent and DMA to complete	
Have electronic copies of spatial data been included with the referral? NB: <i>Electronic spatial (GIS or CAD) data, geo-referenced and conforming to the following parameters:</i> <ul style="list-style-type: none"> • GIS: polygons representing all activities and named; • CAD: simple closed polygons representing all activities and named; • datum: GDA94; 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Proponent, DMA and Third Party to complete	
<ul style="list-style-type: none"> • <i>projection: Geographic (latitude/longitude) or Map Grid of Australia (MGA);</i> • <i>format: ESRI geodatabase or shapefile, MapInfo Interchange Format, Microstation or AutoCAD..</i> 	

1.5 Significance test and environmental factors

Proponent, DMA and Third Party to complete	
What are the likely significant environmental factors for this proposal?	<input type="checkbox"/> Benthic Communities and Habitat <input type="checkbox"/> Coastal Processes <input type="checkbox"/> Marine Environmental Quality <input type="checkbox"/> Marine Fauna <input checked="" type="checkbox"/> Flora and Vegetation <input type="checkbox"/> Landforms <input type="checkbox"/> Subterranean Fauna <input type="checkbox"/> Terrestrial Environmental Quality <input type="checkbox"/> Terrestrial Fauna <input type="checkbox"/> Hydrological Processes <input type="checkbox"/> Inland Waters Environmental Quality <input type="checkbox"/> Air Quality & Atmospheric Gases <input checked="" type="checkbox"/> Amenity <input type="checkbox"/> Heritage <input checked="" type="checkbox"/> Human Health <input type="checkbox"/> Offsets <input type="checkbox"/> Rehabilitation and Decommissioning
Having regard to the Significance Test (refer to Section 7 of the <i>EIA Administrative Procedures 2012</i>) in what ways do you consider the proposal may have a significant effect on the environment and warrant referral to the EPA?	<p><i>Please outline in two paragraphs or less.</i></p> <p>IMD believes that the proposal could have a significant effect on the environment for three factors. The first two factors Amenity (Noise) and Human Health (Noise) are related, and are due to the location of sensitive receptors nearby. The project has include measures to protect sensitive receptors from the noise generated by the project. The third factor is Flora and Vegetation due to the presence of <i>Hydrocotyle corynophora</i> (P1) in the vicinity of the project and the project's location in the Great Western Woodlands, both of which may be of interest to the public.</p>

1.6 Confidential information

All information will be made publically available unless authorised for exemption under the EP Act or subject to the Freedom of Information Act 1992.

Proponent to complete

<p>Does the proponent request that the EPA treat any part of the referral information as confidential?</p> <p><i>Ensure all confidential information is provided in a separate attachment in hard copy.</i></p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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2 REGULATORY CONSIDERATIONS

This section applies to the Local, State and Commonwealth regulatory considerations for the referred proposal.

2.1 Government approvals

2.1.1 State or Local Government approvals

DMA to complete	
What approval(s) is (are) required from you as a decision-making authority?	
Is rezoning of any land required before the proposal can be implemented? If yes, please provide details.	<input type="checkbox"/> Yes <input type="checkbox"/> No

2.1.2 Regulation of aspects of the proposal

Complete the following to the extent possible.

Proponent to complete	
<p>Do you have legal access required for the implementation of all aspects of the proposal?</p> <p><i>If yes, provide details of legal access authorisations / agreements / tenure.</i></p> <p><i>If no, what authorisations / agreements / tenure is required and from whom?</i></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>The proposed Project will be developed on M77/166, M77/1025, M77/1044 and L77/224 which are held by Black Oak Minerals Limited (Receivers and Managers Appointed) (In Liquidation). IMD will have access to these tenements through the rights attached to the sale of these tenements, which is currently being progressed.</p>

Outline both the existing approvals and approvals that will be / are being sought as a part of this proposal.

Proponent to complete			
Aspects* of the proposal	Type of approval	Legislation regulating this activity	Which State agency /entity regulate this activity?
Mining	Mining Proposal Approval	Mining Act 1978	DMP
Mine Water Abstraction/ Dewatering	Licence	RIWI Act 1914	DoW
Vegetation Clearing	Native Vegetation Clearing Permit	EP Act 1986 – Part V	DER
Decommissioning and Closure	Mine Closure Plan Approval	Mining Act 1978	DMP

*e.g. mining, processing, dredging

2.1.3 Commonwealth Government Environment Protection and Biodiversity Conservation Act 1999 approvals

Refer to the [assessment bilateral agreement](#) between the Commonwealth of Australia and the State of Western Australia for assistance on this section.

Proponent to complete	
1. Does the proposal involve an action that may be or is a controlled action under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (EPBC Act)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If no continue to Part A section 2.1.4.</i>
2. What is the status of the decision on whether or not the action is a controlled action?	<input type="checkbox"/> Proposal not yet referred <input type="checkbox"/> Proposal referred, awaiting decision <input type="checkbox"/> Assessed – controlled action <input type="checkbox"/> Assessed – not a controlled action
3. If the action has been referred, when was it referred and what is the reference number (Ref #)?	Date: _____ Ref #: _____
4. If the action has been assessed, provide the decision in an attachment. Has an attachment been provided?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Do you request this proposal to be assessed under the bilateral agreement?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Complete the following to the extent possible for the Public Comment of EPBC Act referral documentation.

Proponent to complete	
6. Have you invited the public to comment on your referral documentation?	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. How was the invitation published?	<input type="checkbox"/> newspaper <input type="checkbox"/> website
8. Did the invitation include all of the following?	
(a) brief description of the action	<input type="checkbox"/> Yes <input type="checkbox"/> No
(b) the name of the action	<input type="checkbox"/> Yes <input type="checkbox"/> No
(c) the name of the proponent	<input type="checkbox"/> Yes <input type="checkbox"/> No
(d) the location of the action	<input type="checkbox"/> Yes <input type="checkbox"/> No
(e) the matters of national environmental significance that will be or are likely to be significantly impacted	<input type="checkbox"/> Yes <input type="checkbox"/> No

Proponent to complete	
(f) how the relevant documents may be obtained	<input type="checkbox"/> Yes <input type="checkbox"/> No
(g) the deadline for public comments	<input type="checkbox"/> Yes <input type="checkbox"/> No
(h) available for public comment for 14 calendar days	<input type="checkbox"/> Yes <input type="checkbox"/> No
(i) the likely impacts on matters of national environmental significance	<input type="checkbox"/> Yes <input type="checkbox"/> No
(j) any feasible alternatives to the proposed action	<input type="checkbox"/> Yes <input type="checkbox"/> No
(k) possible mitigation measures	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. Were any submissions received during the public comment period?	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. Have public submissions been addressed? If yes provide attachment.	<input type="checkbox"/> Yes <input type="checkbox"/> No

2.1.4 Other Commonwealth Government Approvals

Proponent, DMA and Third Party to complete			
Is approval required from other Commonwealth Government/s for any part of the proposal?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please complete the table below.</i>	
Agency / Authority	Approval required	Application lodged?	Agency / Local Authority contact(s) for proposal
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	

3. SUPPORTING INFORMATION

Please attach copies of any relevant information on the proposal, supporting evidence and / or existing environmental surveys, studies or monitoring information undertaken and list the documents below.

Proponent, DMA and Third Party to complete			
1	Battler Gold Project Environmental Referral Supporting Document	Bioscope Environmental on behalf of IMD Gold Mines Ltd	Support document to this referral. Includes appended flora and vegetation, vertebrate fauna and noise studies.
2			
(3)			

PART B: ENVIRONMENTAL FACTORS

The purpose of Part B is to assist the EPA to determine the significance of the likely environmental impacts of the proposal in accordance with the EPA's *Environmental Assessment Guideline for Environmental factors and objectives* (EAG 8) and *Environmental Assessment Guideline for Application of a significant framework in the EIA process* (EAG 9). Referrers completing Part B should refer closely to EAG 8 and EAG 9.

The EPA has prepared [Referral of a Proposal under s38 of the EP Act EAG No.16 - Appendix A](#) (Appendix A) to assist in identifying factors and completing the below table. Further guidance can be found in the guidance and policy documents cited in Appendix A under each factor.

How to complete Part B

For each environmental factor, that is likely to be significantly impacted by the implementation of the proposal, make a copy of the table below and insert a summary of the relevant information relating to the proposal. The table can be broken down into more than one table per factor, if the need arises. For example the hydrological processes factor can be presented in two separate tables, one for surface water and one for groundwater, or similarly one for construction and one for operations.

For complex proposals a supplementary referral report can be provided in addition to the referral form. If this option is chosen the table must still be completed (summaries are acceptable) to assist the Office of the EPA with statistical reporting and filtering proposals for processing.

Proponents expecting an API level of assessment must provide information in accordance with the EPA's *Environmental Assessment Guideline for Preparation of an API-A environmental review document* (EAG 14).

For each of the significant environmental factors, complete the following table (Questions 1 – 10).

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	Flora and Vegetation
2	EPA Objective, as defined in EAG 8	<i>To maintain representation, diversity, viability and ecological function at the species, population and community level.</i>
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	<p>EPA Position Statement 2: Environmental Protection of Native Vegetation in Western Australia (EPA 2000).</p> <p>EPA Position Statement 3: Terrestrial Biological Surveys as an Element of Biodiversity Protection (EPA 2002a).</p> <p>EPA Guidance Statement No. 51: Terrestrial Flora and Vegetation Surveys for Environmental Impact Assessment in Western Australia (EPA 2004a).</p> <p>Technical Guide – Flora and Vegetation Surveys for Environmental Impact Assessment (EPA 2015)</p>

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
4	<p>Consultation - outline the need for consultation and the outcomes of any consultation in relation to the potential environmental impacts, including:</p> <ul style="list-style-type: none"> • <i>anticipated level of public interest in the impact;</i> • <i>consultation with regulatory agencies; and</i> • <i>consultation with community.</i> 	<p>The recording of Priority Flora species (particularly <i>Hydrocotyle corynophora</i>) has been discussed with the DPaW and the OEPA (please see Section 4 of the ERSD).</p> <p>Concerns were raised by the Department of Parks and Wildlife that the surface drainage patterns would be disrupted such that the habitat of this species <i>Hydrocotyle corynophora</i> would be affected. IMD has committed to designing the project such the surface water drainage that supports these local populations are not adversely affected.</p>
5	<p>Baseline information - describe the relevant characteristics of the receiving environment.</p> <p><i>This may include: regional context; known environmental values, current quality, sensitivity to impact, and current level of cumulative impacts.</i></p>	<p>Approximately 9.4 ha of the project envelope has already been cleared as part of historical mining activities. Remaining vegetation comprises:</p> <ul style="list-style-type: none"> • <i>Eucalyptus longicornis</i> dominated woodland. • <i>Eucalyptus salubris</i> dominated woodland. • <i>Eucalyptus loxophleba</i> and <i>Acacia acuminata</i> drainage shrubland. • Mixed <i>Eucalyptus</i> and <i>Acacia acuminata</i> shrubland. <p>Five Priority flora species were recorded in the Project Area consisting <i>Goodenia heatheriana</i>, <i>Hydrocotyle corynophora</i>, <i>Hemigenia</i> sp. Newdegate (E. Bishop 75), <i>Phlematospermum eremaeum</i> (P3), <i>Gnephosis intonsa</i> (P3) and one species of interest, <i>Lepidosperma</i> aff. <i>fimbriatum</i>. Of these, <i>Gnephosis intonsa</i> and <i>Lepidosperma</i> aff. <i>fimbriatum</i> will be directly impacted by the project.</p>

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
6	<p>Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.</p>	<p>The impacts of this project on this factor, include direct clearing of 35.52 ha, of the following associations:</p> <ul style="list-style-type: none"> • <i>Eucalyptus longicornis</i> dominated woodland. • <i>Eucalyptus salubris</i> dominated woodland. • <i>Eucalyptus loxophleba</i> and <i>Acacia acuminata</i> drainage shrubland. • Mixed <i>Eucalyptus</i> and <i>Acacia acuminata</i> shrubland. <p>Clearing of vegetation will result in clearing of includes 2,030 individuals of <i>Gnephosis intonsa</i> (Priority 3) and 17 individuals <i>Lepidosperma</i> aff. <i>fimbratum</i> (Species of Interest).</p> <p>Indirect impacts may include a reduction in local vegetation health due to dust.</p> <p>Potential impacts include an increase in the number of weeds if management measures are not implemented.</p> <p>Given the suspected depth to groundwater, dependence of the vegetation on groundwater is unlikely.</p>
7	<p>Mitigation measures - what measures are proposed to mitigate the potential environmental impacts? The following should be addressed:</p> <ul style="list-style-type: none"> • <i>Avoidance - avoiding the adverse environmental impact altogether;</i> • <i>Minimisation - limiting the degree or magnitude of the adverse impact;</i> • <i>Rehabilitate – restoring the maximum environmental value that is reasonably practicable; and</i> • <i>Offsets – actions that provide environmental benefits to counterbalance significant residual environmental impacts or risks of a project or activity.</i> 	<p>The Project has been designed to avoid clearing of known populations of <i>Hydrocotyle corynophora</i>.</p> <p>Design the Project to, as far as practical, avoid disturbance to surface drainage such that the habitat of <i>Hydrocotyle corynophora</i> is not affected. In particular, this has been incorporated into the location and design of the western WRL.</p> <p>Maximise use of existing cleared areas for mine development.</p> <p>Limit ground disturbance and clearing of vegetation to designated areas and access routes.</p> <p>Restrict clearing during strong winds and regulate vehicle speeds to reduce dust generation and soil loss.</p> <p>Rehabilitate disturbed areas where possible.</p> <p>Implement vehicle hygiene measures.</p>

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
8	<p>Residual impacts – review the residual impacts against the EPA objectives.</p> <p><i>It is understood that the extent of any significant residual impacts may be hard to quantify at the referral stage. Referrers are asked to provide, as far as practicable, a discussion on the likely residual impacts and form a conclusion on whether the EPA's objective for this factor would be met if residual impacts remain. This will require:</i></p> <ul style="list-style-type: none"> <i>quantifying the predicted impacts (extent, duration, etc.) acknowledging any uncertainty in predictions;</i> <i>putting the impacts into a regional or local context, incorporating knowable cumulative impacts; and</i> <i>comparison against any established environmental policies, guidelines, and standards.</i> 	<p>The impacts of this project on this factor, include direct clearing of 35.52 ha, of the following associations:</p> <ul style="list-style-type: none"> <i>Eucalyptus longicornis</i> dominated woodland. <i>Eucalyptus salubris</i> dominated woodland. <i>Eucalyptus loxophleba</i> and <i>Acacia acuminata</i> drainage shrubland. Mixed <i>Eucalyptus</i> and <i>Acacia acuminata</i> shrubland. <p>This includes 2,030 individuals of <i>Gnephosis intonsa</i> (Priority 3) and 17 individuals <i>Lepidosperma</i> aff. <i>fimbratum</i> (Species of Interest).</p> <p>These associations are not restricted to the immediate area.</p>
9	<p>EPA's Objective – from your perspective and based on your review, which option applies to the proposal in relation to this factor? Refer to EAG 9</p>	<p><input checked="" type="checkbox"/> <i>meets the EPA's objective</i></p> <p><input type="checkbox"/> <i>may meet the EPA's objective</i></p> <p><input type="checkbox"/> <i>is unlikely to meet the EPA's objective</i></p>
10	<p>Describe any assumptions critical to your conclusion (in Question 9). e.g. <i>particular mitigation measures or regulatory conditions.</i></p>	<p>Avoidance of direct impacts on <i>Hydrocotyle corynophora</i>.</p>

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	Amenity (Noise)
2	EPA Objective, as defined in EAG 8	To ensure that impacts to amenity are reduced as low as reasonably practical.

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
3	<p>Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?</p>	<p>EPA Environmental Assessment Guideline 13 – Consideration of environmental impacts from noise (EPA 2014)</p> <p>EPA Guidance Statement 3: Separation Distance between Industrial and Sensitive Land Uses (EPA 2005)</p> <p>Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure and Ground Vibration (Australian and New Zealand Environment Council [ANZEC] 1990).</p> <p>Environmental Protection (Noise) Regulations 1997</p>
4	<p>Consultation - outline the need for consultation and the outcomes of any consultation in relation to the potential environmental impacts, including:</p> <ul style="list-style-type: none"> • <i>anticipated level of public interest in the impact;</i> • <i>consultation with regulatory agencies; and</i> • <i>consultation with community.</i> 	<p>Consultation has been conducted with the owner of the adjacent farm that contains sensitive receptors, the OEPA and DER Noise Branch as detailed in Section 4 of the ERSD.</p>
5	<p>Baseline information - describe the relevant characteristics of the receiving environment.</p> <p><i>This may include: regional context; known environmental values, current quality, sensitivity to impact, and current level of cumulative impacts.</i></p>	<p>Lloyd George Acoustics (2010) described the site as having a rural character.</p>
6	<p>Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.</p>	<p>The noise from the site has been modelled to be 56 dB L_{A10} during the daytime and 51 dB L_{A10} during night-time operations. When adjusted for tonality and assuming the farmhouses are highly sensitive receptors, the maximum Assessable Noise Level modelled at the most exposed receptor were 61 dB L_{A10} during 6 am to 7 am Monday to Saturday and 7 am to 9 am Sundays and Public Holidays. This was recognised as not compliant with the Environmental Protection (Noise) Regulations 1997 and mitigation measures were investigated, as stated below. (Please also see Section 6 of the ERSD).</p>

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
7	<p>Mitigation measures - what measures are proposed to mitigate the potential environmental impacts? The following should be addressed:</p> <ul style="list-style-type: none"> • <i>Avoidance - avoiding the adverse environmental impact altogether;</i> • <i>Minimisation - limiting the degree or magnitude of the adverse impact;</i> • <i>Rehabilitate – restoring the maximum environmental value that is reasonably practicable; and</i> • <i>Offsets – actions that provide environmental benefits to counterbalance significant residual environmental impacts or risks of a project or activity.</i> 	<p>Mitigation measures considered were the construction of a bund that would become the most western edges of the WRLs, using modified machinery or providing the opportunity for the adjacent landowners to live locally but away from the mine during operations.</p> <p>IMD has reached an agreement with the local residents to relocate elsewhere during the construction and operation of the mine. Therefore, no highly sensitive receptors will be within 1 km of the mine.</p>
8	<p>Residual impacts – review the residual impacts against the EPA objectives.</p> <p><i>It is understood that the extent of any significant residual impacts may be hard to quantify at the referral stage. Referrers are asked to provide, as far as practicable, a discussion on the likely residual impacts and form a conclusion on whether the EPA's objective for this factor would be met if residual impacts remain. This will require:</i></p> <ul style="list-style-type: none"> • <i>quantifying the predicted impacts (extent, duration, etc.) acknowledging any uncertainty in predictions;</i> • <i>putting the impacts into a regional or local context, incorporating knowable cumulative impacts; and</i> • <i>comparison against any established environmental policies, guidelines, and standards.</i> 	<p>After cessation of activities on site there should not be residual impacts.</p>
9	<p>EPA's Objective – from your perspective and based on your review, which option applies to the proposal in relation to this factor? Refer to EAG 9</p>	<p><input checked="" type="checkbox"/> <i>meets the EPA's objective</i></p> <p><input type="checkbox"/> <i>may meet the EPA's objective</i></p> <p><input type="checkbox"/> <i>is unlikely to meet the EPA's objective</i></p>

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
10	Describe any assumptions critical to your conclusion (in Question 9). e.g. <i>particular mitigation measures or regulatory conditions.</i>	

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	Human Health (Noise and Vibration)
2	EPA Objective, as defined in EAG 8	To ensure that human health is not adversely affected.
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	<p>EPA Environmental Assessment Guideline 13 – Consideration of environmental impacts from noise (EPA 2014)</p> <p>EPA Guidance Statement 3: Separation Distance between Industrial and Sensitive Land Uses (EPA 2005)</p> <p>Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure and Ground Vibration (Australian and New Zealand Environment Council [ANZEC] 1990).</p> <p>Environmental Protection (Noise) Regulations 1997</p>
4	<p>Consultation - outline the need for consultation and the outcomes of any consultation in relation to the potential environmental impacts, including:</p> <ul style="list-style-type: none"> <i>anticipated level of public interest in the impact;</i> <i>consultation with regulatory agencies; and</i> <i>consultation with community.</i> 	Please see the section on Amenity (Noise) and Section 4 of the ERSD.
5	<p>Baseline information - describe the relevant characteristics of the receiving environment.</p> <p><i>This may include: regional context; known environmental values, current quality, sensitivity to impact, and current level of cumulative impacts.</i></p>	Lloyd George (2010) described the site as having a rural character.
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	Please see the corresponding Section in Amenity (Noise) and Section 6 of the ERSD.

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
7	<p>Mitigation measures - what measures are proposed to mitigate the potential environmental impacts? The following should be addressed:</p> <ul style="list-style-type: none"> • <i>Avoidance - avoiding the adverse environmental impact altogether;</i> • <i>Minimisation - limiting the degree or magnitude of the adverse impact;</i> • <i>Rehabilitate – restoring the maximum environmental value that is reasonably practicable; and</i> • <i>Offsets – actions that provide environmental benefits to counterbalance significant residual environmental impacts or risks of a project or activity.</i> 	Please see the corresponding Section in Amenity (Noise) and Section 6 of the ERSD.
8	<p>Residual impacts – review the residual impacts against the EPA objectives.</p> <p><i>It is understood that the extent of any significant residual impacts may be hard to quantify at the referral stage. Referrers are asked to provide, as far as practicable, a discussion on the likely residual impacts and form a conclusion on whether the EPA's objective for this factor would be met if residual impacts remain. This will require:</i></p> <ul style="list-style-type: none"> • <i>quantifying the predicted impacts (extent, duration, etc.) acknowledging any uncertainty in predictions;</i> • <i>putting the impacts into a regional or local context, incorporating knowable cumulative impacts; and</i> • <i>comparison against any established environmental policies, guidelines, and standards.</i> 	After cessation of activities on site there should not be residual impacts.
9	<p>EPA's Objective – from your perspective and based on your review, which option applies to the proposal in relation to this factor? Refer to EAG 9</p>	<p><input checked="" type="checkbox"/> <i>meets the EPA's objective</i></p> <p><input type="checkbox"/> <i>may meet the EPA's objective</i></p> <p><input type="checkbox"/> <i>is unlikely to meet the EPA's objective</i></p>

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
10	Describe any assumptions critical to your conclusion (in Question 9). e.g. <i>particular mitigation measures or regulatory conditions.</i>	

In circumstances where there was some uncertainty on the level of significance of a particular factor it is recommended that a brief summary (no longer than 1 - 2 paragraphs) is provided on the steps taken to determine why a factor was not considered to be significant.