



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 checked="" type="checkbox"/> No
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 type="checkbox"/> significant <input type="checkbox"/> strategic <input type="checkbox"/> derived* <input type="checkbox"/> under an assessed scheme NA
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, [Paul Bennett](#), (*full name*) declare that I am authorised on behalf of.....[ACH Minerals Pty 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 (print): PAUL BENNETT	
Position	Managing Director	Organisation	ACH Minerals Pty Ltd
Email	pbennett@achminerals.com.au		
Address	15/11	Ventnor Avenue	
	West Perth	WA	6005
Date	12/12/2016		

(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	ACH Minerals Pty Ltd
Joint Venture parties (if applicable)	N/A
Australian Company Number(s)	609 225 023
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>	PO Box 470 West Perth WA 6872
Key proponent contact for the proposal <i>Please include: name; physical address; phone; and email.</i>	Paul Bennett Managing Director – ACH Minerals Pty Ltd 15/11 Ventnor Avenue, West Perth, WA 6005 Ph: (08) 9226 0887 Email: pbennett@achminerals.com.au
Consultant for the proposal (if applicable) <i>Please include: name; physical address; phone; and email.</i>	Sharon Arena Principal Environmental Adviser - Animal Plant Mineral Physical Address: 3/25 The Broadway, Ellenbrook, WA 6069 Ph: 0419 934 461 Email: sharon@animalplantmineral.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	Ravensthorpe Gold/Copper Project – Kundip and Myamba Mine Sites
What project phase is the proposal at?	<input type="checkbox"/> Scoping <input checked="" type="checkbox"/> Feasibility

Proponent and/or DMA to complete	
	<input type="checkbox"/> Detailed design <input type="checkbox"/> Other _____
<p>Proposal type</p> <p><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></p>	<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 <input type="checkbox"/> Renewable – geothermal <p>X Mineral / Resource Extraction</p> <ul style="list-style-type: none"> <input type="checkbox"/> Exploration – seismic <input type="checkbox"/> Exploration – geotechnical <p>X Development</p> <input type="checkbox"/> Oil and Gas Development <ul style="list-style-type: none"> <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 <ul style="list-style-type: none"> <input type="checkbox"/> Processing <input type="checkbox"/> Manufacturing <input type="checkbox"/> Beneficiation <input type="checkbox"/> Land Use and Development <ul style="list-style-type: none"> <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

Proponent and/or DMA to complete	
	<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 <input type="checkbox"/> Aquaculture <input type="checkbox"/> Dredging <p><i>If other, please state below:</i></p> <input type="checkbox"/> Other _____

Proponent and/or DMA to complete	
<p>Description of the proposal – describe the key characteristics of the proposal in accordance with EAG 1.</p>	<p><i>Background</i></p> <p>The Ravensthorpe Gold/Copper Project (RGCP) (the Project) is located in the Goldfields-Esperance region of Western Australia (WA) approximately 550 km southeast of Perth near Ravensthorpe. The RGCP will occur in two distinct locations, Kundip Mine Site and Myamba Mine Site. Kundip Mine Site will host open pits and underground mining coupled with a processing plant, office and primary workshop facilities, water storage facilities, run-of-mine (ROM) pad, waste rock landforms (WRL's) and a tailings storage facility (TSF). Myamba Mine Site, located approximately 7 km to the south of Kundip, will host a single open pit (Trilogy oxide pit) and an associated evaporation pond, WRL, ROM pad</p>

Proponent and/or DMA to complete	
	<p>and support office/crib and minor workshop facilities. The existing exploration offices at the site will host additional support facilities.</p> <p>ACH Minerals Pty Ltd (ACH) is the owner of all tenements associated with the RGCP. This referral relates specifically to Kundip Mine Site tenements M74/41, M74/51, M74/53, M74/135, M74/180, L74/34, and L74/45; and Myamba Mine Site tenements M74/176, L74/35 and L74/45.</p> <p>Originally titled the Phillips River Gold Project (PRGP), the Project was referred to the WA Environmental Protection Authority (EPA) and the Commonwealth Department of Environment (DoE) in 2005. The DoE determined the Project to be “Not a Controlled Action”. The State Minister for the Environment approved the Project in 2006 (Ministerial Statement (MS0716)), however, that approval lapsed in 2011 after the proponents failed to make a substantive commencement on the project and declined to request an extension to the approval. As a consequence, a modified version of the Project is now being referred by new proponents ACH to the EPA for consideration.</p> <p>The RGCP is smaller in scale than the previously approved Phillips River Project. In the first instance, mining and processing of gold bearing ore will be focussed on proposed open-pits at Kundip Mine Site and a single, shallower open-pit within cleared pasture at Myamba Mine Site. Mining will later progress towards underground mining at the Kundip Mine Site. Processing will also be contained within the Kundip Mine Site, negating the requirement for a haul road to traverse the adjacent proposed Nature Reserve, as was previously proposed in the Phillips River Proposal.</p> <p>A complete overview of the proposal is provided as Section 2 of the <i>EPA Referral Support Document (Attachment 1)</i>.</p>
<p>Timeframe in which the proposal is to occur (including start and finish dates where applicable).</p>	<p>ACH aims to have substantially commenced mining within one year of the date of this referral. The resource identified within the Kundip Mine Site is sufficient to undertake open pit mining of the Kaolin, May and Flag deposits for an initial duration of seven years. Underground mining of Harbour View and Flag deposits will commence concurrently from the second year of mine life and will continue for a duration of five-to-six years. Sufficient resource has been identified within the Myamba Mine Site to undertake open pit mining of oxide components of the Trilogy deposit for an initial duration of 1 year.</p> <p>There exists potential to further develop resources within the RGCP area following additional exploration drilling. It is predicted there would be sufficient resource to extend the Project life to in excess of ten years.</p>
<p>Details of any staging of the proposal.</p>	<p>N/A</p>
<p>What is the current land use on the property, and the extent (area in hectares) of the property?</p>	<p><i>Kundip Mine Site</i></p> <p>The Kundip Mine Site has been heavily impacted by historic mining activities. Existing disturbances within the site include costeaning and trenching, trial pits, numerous shafts and decline tunnels into mineralised targets. The site extends across 634.03 ha in total. It is proposed that approximately 252 ha will be disturbed within the 366 ha Kundip disturbance envelope.</p> <p><i>Myamba Mine Site</i></p> <p>The Myamba Mine Site has been completely cleared for agricultural use. The site extends across 939.02 ha in total. It is proposed that approximately 64 ha will be disturbed within the 150 ha Myamba</p>

Proponent and/or DMA to complete																																												
	<p>disturbance envelope.</p> <p>A breakdown of RGCP tenements and the corresponding areas are provided in the Table 1 below.</p> <p style="text-align: center;">Table 1: Mining / Miscellaneous tenements of the RGCP</p> <table border="1"> <thead> <tr> <th>Mine Site</th> <th>Tenement</th> <th>Commenced</th> <th>Expiry</th> <th>Area (ha)</th> </tr> </thead> <tbody> <tr> <td rowspan="7">Kundip</td> <td>M74/41</td> <td>29/12/1987</td> <td>28/12/2029</td> <td>3.44</td> </tr> <tr> <td>M74/51</td> <td>25/01/1990</td> <td>24/01/2032</td> <td>519.65</td> </tr> <tr> <td>M74/53</td> <td>26/01/90</td> <td>25/01/2032</td> <td>82.84</td> </tr> <tr> <td>M74/135</td> <td>19/12/2000</td> <td>18/12/2021</td> <td>9.16</td> </tr> <tr> <td>M74/180</td> <td>08/04/2009</td> <td>07/04/2030</td> <td>1.62</td> </tr> <tr> <td>L74/34</td> <td>03/07/2009</td> <td>02/07/2030</td> <td>1.70</td> </tr> <tr> <td>L74/45</td> <td>16/04/2009</td> <td>15/04/2030</td> <td>15.62</td> </tr> <tr> <td rowspan="2">Myamba</td> <td>M74/176</td> <td>03/08/2005</td> <td>02/08/2026</td> <td>936.15</td> </tr> <tr> <td>L74/35</td> <td>23/11/2005</td> <td>22/11/2026</td> <td>2.87</td> </tr> </tbody> </table>	Mine Site	Tenement	Commenced	Expiry	Area (ha)	Kundip	M74/41	29/12/1987	28/12/2029	3.44	M74/51	25/01/1990	24/01/2032	519.65	M74/53	26/01/90	25/01/2032	82.84	M74/135	19/12/2000	18/12/2021	9.16	M74/180	08/04/2009	07/04/2030	1.62	L74/34	03/07/2009	02/07/2030	1.70	L74/45	16/04/2009	15/04/2030	15.62	Myamba	M74/176	03/08/2005	02/08/2026	936.15	L74/35	23/11/2005	22/11/2026	2.87
Mine Site	Tenement	Commenced	Expiry	Area (ha)																																								
Kundip	M74/41	29/12/1987	28/12/2029	3.44																																								
	M74/51	25/01/1990	24/01/2032	519.65																																								
	M74/53	26/01/90	25/01/2032	82.84																																								
	M74/135	19/12/2000	18/12/2021	9.16																																								
	M74/180	08/04/2009	07/04/2030	1.62																																								
	L74/34	03/07/2009	02/07/2030	1.70																																								
	L74/45	16/04/2009	15/04/2030	15.62																																								
Myamba	M74/176	03/08/2005	02/08/2026	936.15																																								
	L74/35	23/11/2005	22/11/2026	2.87																																								
<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>	<p>A pre-referral discussion took place with the OEPA on 25 July 2016.</p> <p><i>APM representatives:</i></p> <ul style="list-style-type: none"> - Sharon Arena - Dr Mitchell Ladyman <p><i>ACH representative:</i></p> <ul style="list-style-type: none"> - Edmund Ainscough <p><i>OEPA representatives:</i></p> <ul style="list-style-type: none"> - Richard Southerland - Stephen Danti 																																											
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 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 checked="" 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 Ravensthorpe
<p>Location:</p> <p>a) street address; lot number; suburb; and nearest road intersection; or</p> <p>b) if remote the nearest town; and distance and direction from that town to the proposal site.</p>	<p>The RGCP is located in the Goldfields-Esperance region of Western Australia (WA) approximately 550 km southeast of Perth. The Kundip Mine Site is situated approximately 17 km southeast of the town of Ravensthorpe and can be accessed from the Hopetoun-Ravensthorpe Road. The Myamba Mine Site is a further 9 km south of the Kundip Mine Site and is also accessed via the Hopetoun-Ravensthorpe Road. The southern boundary of the Myamba Mine Site adjoins the Jerdacuttup Road, which runs eastwards from the Hopetoun-Ravensthorpe Road.</p> <p><i>Kundip Mine Site tenements: M74/41, M74/51, M74/53, M74/135, M74/180, L74/34, and L74/45.</i></p> <p><i>Triology Mine Site tenements: M74/176 and L74/35.</i></p> <p>See Figure 1-1 of the <i>EPA Referral Support Document (Attachment 1)</i>, for a location map of the Project area.</p>
<p>Have maps and figures been included with the referral (consistent with EAG 1 where appropriate)?</p> <p><i>The types of maps and figures which need to be provided (depending on the nature of the proposal) include:</i></p> <ul style="list-style-type: none"> • <i>maps showing the regional location and context of the proposal; and</i> • <i>figures illustrating the proposal elements.</i> 	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
Proponent and DMA to complete	
<p>Have electronic copies of spatial data been included with the referral?</p> <p>NB: <i>Electronic spatial (GIS or CAD) data, geo-referenced and conforming to the following parameters:</i></p> <ul style="list-style-type: none"> • <i>GIS: polygons representing all activities and named;</i> • <i>CAD: simple closed polygons representing all activities and named;</i> • <i>datum: GDA94;</i> • <i>projection: Geographic (latitude/longitude) or Map Grid of Australia (MGA);</i> 	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>

Proponent, DMA and Third Party to complete	
<ul style="list-style-type: none"> • format: ESRI geodatabase or shapefile, MapInfo Interchange Format, Microstation or AutoCAD.. 	

1.5 Significance test and environmental factors

Proponent, DMA and Third Party to complete	
<p>What are the likely significant environmental factors for this proposal?</p>	<ul style="list-style-type: none"> <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 checked="" type="checkbox"/> Landforms <input type="checkbox"/> Subterranean Fauna <input checked="" type="checkbox"/> Terrestrial Environmental Quality <input checked="" type="checkbox"/> Terrestrial Fauna <input checked="" type="checkbox"/> Hydrological Processes <input type="checkbox"/> Inland Waters Environmental Quality <input checked="" type="checkbox"/> Air Quality & Atmospheric Gases <input checked="" type="checkbox"/> Amenity <input checked="" type="checkbox"/> Heritage <input type="checkbox"/> Human Health <input type="checkbox"/> Offsets <input checked="" type="checkbox"/> Rehabilitation and Decommissioning
<p>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>	<p>Originally proposed as the PRGP, the Project was referred to the DoE for assessment in 2005 where it was determined to be “Not a Controlled Action” and was also approved by the Minister for Environment (Ministerial Statement (MS) 0716) under the <i>Environmental Protection Act 1986</i> (EP Act).</p> <p>The RGCP impact footprint is located within mining leases on crown land within what is known as the Ravensthorpe-Kundip copper-gold belt. This belt stretches 20 kilometres (km) in a north-south direction from just north of Ravensthorpe to south of the historic town of Kundip. The RGCP area is at the southern end of the belt where there is significant historical disturbance from small operations that commenced in the early 1900s. The number of mine shafts around the RGCP area is beyond count and all but a few are of concern having been left open without safety exclusion fencing by the previous tenement holders.</p> <p>The Project area lies adjacent the Kundip Nature Reserve and a larger proposed nature reserve covering the Ravensthorpe Range. The Fitzgerald River National Park is less than 10 km to the south west. Regionally there is a very large amount of land currently in the conservation estate and significant resources have been invested into the management of flora and vegetation.</p>

Proponent, DMA and Third Party to complete	
	<p>The RGCP is not likely to have significant impact on site specific flora, vegetation and fauna values and the proposal to recommence mining presents a unique opportunity to improve conservation and land management through the implementation of mining and minesite related environmental management practices, such as feral fauna, fire and weed management and the management of land access to the proposed conservation reserve to the east of the Project area.</p> <p>The proposed Project will not fragment or isolate any existing areas of natural vegetation currently, or proposed to be included in the conservation estate. Therefore, beyond the Project impact footprint, the likelihood of local or regional impact is very low, providing the site is adequately managed over the life of the mine.</p> <p>The level of site specific localised impact from clearing and construction has the potential to be rapidly offset by the longer term net positive impacts of proactive mine site environmental management.</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>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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	
Do you have legal access required for the implementation of all aspects of the proposal? <i>If yes, provide details of legal access authorisations / agreements / tenure.</i> <i>If no, what authorisations / agreements / tenure is required and from whom?</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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?
Environmental assessment of Project	EPA Referral	<i>Environmental Protection Act 1986 - Part IV</i>	EPA
Environmental impacts and management of Project	Mining Proposal	<i>Mining Act 1978</i>	DMP
Potential major risks	Project Management Plan	<i>Mines Safety and Inspection Act 1994</i>	DMP
Mineral processing / waste management / discharge of tailings	Works Approval / Environmental Protection Act Licence	<i>Environmental Protection Act – Part V</i>	DER
Dewatering / groundwater abstraction	5c Licence to Take Groundwater	<i>Rights in Water Irrigation Act 1914</i>	DoW

Clearing	Native Vegetation Clearing Permit	<i>Environmental Protection Act 1986</i>	DMP (under MOU)
----------	-----------------------------------	--	-----------------

*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> Originally titled the Phillips River Project, the RGCP was referred to the DoE on 15 February 2005 (Ref No: EPBC 2005/20002). The DoE determined the Project to be "Not a Controlled Action".
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 #)?	
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

Proponent to complete	
(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
(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
<p>Attachment 1: <i>The EPA Referral Supporting Document</i> provides comprehensive information on the proposal. A summary of existing environmental surveys, studies and monitoring information is provided in Table 3-1 of the <i>Supporting Document</i>. The most relevant reports have been attached as appendices, see the full list below.</p>
APPENDIX 1: KUNDIP WASTE LANDFORM & TSF DESIGN CONCEPT – GOLDER ASSOCIATES/DUMP SOLVER (2016)
APPENDIX 2: ORE PROCESSING - GR ENGINEERING SERVICES LIMITED (2016)
APPENDIX 3: WATER STORAGE FACILITY DESIGN – KUNDIP – COFFEY (2011)
APPENDIX 4: GROUNDWATER ASSESSMENT – KUNDIP – ROCKWATER PTY. LTD. (2011)
APPENDIX 5: GEOTECHNICAL ASSESSMENT FOR AN EVAPORATION POND - MYAMBA - SOIL AND ROCK ENGINEERING (2004)
APPENDIX 6: BIOLOGICAL SURVEY OF THE RGCP – ANIMAL PLANT MINERAL (2016)
APPENDIX 7: PHYTOPHTHORA DIEBACK ASSESSMENT – KUNDIP – TERRATREE (2013)
APPENDIX 8: GEOCHEMICAL CHARACTERISATION OF MINE WASTE – GRAEME CAMPBELL & ASSOCIATES (2004)
APPENDIX 9: GEOCHEMICAL CHARACTERISATION OF PROCESS-TAILINGS-SLURRY - GRAEME CAMPBELL & ASSOCIATES (2005)
APPENDIX 10: CHARACTERISATION OF MINE WASTE – TRILOGY DEPOSIT - GRAEME CAMPBELL & ASSOCIATES (2010)
APPENDIX 11: CHARACTERISATION OF WASTE REGOLITH – TRILOGY DEPOSIT - GRAEME CAMPBELL & ASSOCIATES (2010)
APPENDIX 12: CHARACTERISATION OF REGOLITH MATERIALS – OUTBACK (2011)
APPENDIX 13: GEOTECHNICAL ASSESSMENT OF THE KUNDIP MINE SITE – PETER O'BYRAN & ASSOCIATES (2010)
APPENDIX 14: GEOTECHNICAL ASSESSMENT OF THE MYAMBA MINE SITE – PETER O'BYRAN & ASSOCIATES (2010)
APPENDIX 15: CHARACTERISATION OF TOPSOILS – OUTBACK (2004)
APPENDIX 16: SURFACE WATER ASSESSMENT – KUNDIP MINE SITE – COFFEY (2011)
APPENDIX 17: SURFACE WATER ASSESSMENT – MYAMBA MINE SITE – COFFEY (2011)
APPENDIX 18: GROUNDWATER ASSESSMENT – MYAMBA – ROCKWATER PTY. LTD. (2011)
APPENDIX 19: DUST MONITORING – KUNDIP MINE SITE – WESTSAFE (2005)
APPENDIX 20: ABORIGINAL HERITAGE INQUIRY SYSTEM SEARCH OF THE RGCP AREA (2016)
APPENDIX 21: ETHNOGRAPHIC SURVEY REPORT – TAMORA PTY. LTD. (2003)
APPENDIX 22: STAKEHOLDER ENGAGEMENT 2004 TO 2011

Proponent, DMA and Third Party to complete

[APPENDIX 23: PROPOSED DISTURBANCE TO VEGETATION ASSOCIATIONS OF THE RGCP AREA](#)

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).

FLORA AND VEGETATION

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	To maintain representation, diversity, viability and ecological function at the species, population and community level.
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	<p>Guidance Statement No. 51: Terrestrial Flora and Vegetation Surveys for Environmental Impact Assessment in Western Australia</p> <p>Position Statement No. 2: Environmental Protection of Native Vegetation in Western Australia</p> <p>Position Statement No. 3: Terrestrial Biological Surveys as an Element of Biodiversity Protection</p> <p>Environmental Protection Bulletin No. 20: Protection of Naturally Vegetated Areas Through Planning and Development</p> <p>Environmental Protection Bulletin No. 21: Guidance for Wind Farm Developments</p> <p>Technical Guide – Flora and Vegetation Surveys for Environmental Impact Assessment</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>Locally the community have responded very well to discussion around the prospect of the Project.</p> <p>Refer to Section 4 and Appendix 22 of the EPA Referral Supporting Document.</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>	Details are provided in Section 3.3 of the EPA Referral Supporting Document.
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	Details are provided in Table 5.3 of the EPA Referral Supporting Document.
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</i> 	Mitigation measures are provided in Table 5.4 and offsets are provided in Table 5.5 of the EPA Referral Supporting Document.

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
	<p><i>adverse environmental impact altogether;</i></p> <ul style="list-style-type: none"> • <i>Minimisation - limiting the degree or magnitude of the adverse impact;</i> • <i>Rehabilitate – restoring the maximum environmental value that is reasonably practicable;</i> <i>and</i> • <i>Offsets – actions that provide environmental benefits to counterbalance significant residual environmental impacts or risks of a project or activity.</i> 	
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>Details are provided in Table 5.6 of the EPA Referral Supporting Document.</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>	<p>Critical assumptions include:</p> <ul style="list-style-type: none"> • Preservation of a 50.69 ha of the Kundip Mining Lease Area as conservation reserve. • Development and implementation of a Conservation Significant Flora Management Plan. • Rehabilitation of all disturbed areas within the RGCP area utilising the return of stockpiled vegetation and topsoil. • Utilisation of indigenous seed from local provenance species in rehabilitation activities to facilitate preservation of local genetic diversity within the re-established vegetation.

TERRESTRIAL FAUNA

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	Terrestrial fauna.
2	EPA Objective, as defined in EAG 8	To maintain representation, diversity, viability and ecological function at the species, population and assemblage level.
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	<p>Guidance Statement No. 20: Sampling of Short Range Endemic Invertebrate Fauna for Environmental Impact Assessment in WA.</p> <p>Guidance Statement No. 56: Terrestrial Fauna Surveys for Environmental Impact Assessment in Western Australia</p> <p>Position Statement 3: Terrestrial Biological Surveys as an Element of Biodiversity Protection</p> <p>Technical Guide on Terrestrial Vertebrate Fauna Surveys for Environmental Impact Assessment</p> <p>Environmental Protection Bulletin No. 20: Protection of Naturally Vegetated Areas Through Planning and Development</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>Locally the community have responded very well to discussion around the prospect of the Project.</p> <p>Refer to Section 4 and Appendix 22 of the EPA Referral Supporting Document.</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>	Details are provided in Section 3.4 of the EPA Referral Supporting Document.
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	Details are provided in Table 5.3 of the EPA Referral Supporting Document.

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 are provided in Table 5.4 and offsets are provided in Table 5.5 of the EPA Referral Supporting Document.</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>Details are provided in Table 5.6 of the EPA Referral Supporting Document.</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). <i>e.g. particular mitigation measures or regulatory conditions.</i></p>	<p>Critical assumptions include:</p> <ul style="list-style-type: none"> • Preservation of a 50.69 ha of the Kundip Mining Lease Area as conservation reserve. • Offsetting the clearing of Carnaby’s Black Cockatoo foraging habitat within the Kundip Mine Site with the planting of pines and native vegetation within the Myamba Mine Site. • Contribution of funds to allow fox control of the Ravensthorpe Range for five years (approximately \$10,000/yr). • Collaborative control of feral animals within the proposed nature reserve with CALM. • Development and implement of Conservation Significant Reptile/Bird/Mammal Management Plans.

TERRESTRIAL ENVIRONMENTAL QUALITY

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	Terrestrial Environmental Quality
2	EPA Objective, as defined in EAG 8	To maintain the quality of land and soils so that the environment values, both ecological and social, are protected.
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	Guidance Statement No. 6: <i>Rehabilitation of Terrestrial Ecosystems</i> .
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>Locally the community have responded very well to discussion around the prospect of the Project.</p> <p>Refer to Section 4 and Appendix 22 of the EPA Referral Supporting Document.</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>	Details are provided in Section 3.5 of the EPA Referral Supporting Document.
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	Details are provided in Table 5.3 of the EPA Referral Supporting Document.
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</i> 	Mitigation measures are provided in Table 5.4 and offsets are provided in Table 5.5 of the EPA Referral Supporting Document.

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
	<i>counterbalance significant residual environmental impacts or risks of a project or activity.</i>	
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>Details are provided in Table 5.6 of the EPA Referral Supporting Document.</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>Critical assumptions include:</p> <ul style="list-style-type: none"> • Identification and remediation of contaminated sites upon closure. • Encapsulation of identified PAF material to isolate the materials from oxygen and rainfall. • Bunding of low grade ore stockpiles. • Frequent inspection and appropriate bunding of tailings and return water pipelines. • Appropriate storage of hydrocarbons and dangerous goods.

LANDFORMS

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	Landforms
2	EPA Objective, as defined in EAG 8	To maintain the variety, integrity, ecological functions and environmental values of landforms.
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	<p>Guidance Statement No. 6: <i>Rehabilitation of Terrestrial Ecosystems</i></p> <p>Environmental Protection Bulletin No. 23: <i>Guidance on the EPA's Landforms factor</i></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>Locally the community have responded very well to discussion around the prospect of the Project.</p> <p>Refer to Section 4 and Appendix 22 of the EPA Referral Supporting Document.</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>	Details are provided in Section 3.6 of the EPA Referral Supporting Document.
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	Details are provided in Table 5.3 of the EPA Referral Supporting Document.

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 are provided in Table 5.4 and offsets are provided in Table 5.5 of the EPA Referral Supporting Document.</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>Details are provided in Table 5.6 of the EPA Referral Supporting Document.</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>	<p>Critical assumptions include:</p> <ul style="list-style-type: none"> • All constructed landforms will be designed to geotechnical specification. • At the end of the mine life, all natural drainage processes will be reinstated. • All final landforms will be stable, non-polluting and integrated appropriately into the surrounding landscape.

HYDROLOGICAL PROCESSES – SURFACE WATER

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	Hydrological Processes – Surface water
2	EPA Objective, as defined in EAG 8	To maintain the hydrological regimes of surface water so that existing and potential uses, including ecosystem maintenance, are protected.
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	Western Australian water in mining guideline.
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>Locally the community have responded very well to discussion around the prospect of the Project.</p> <p>Refer to Section 4 and Appendix 22 of the EPA Referral Supporting Document.</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>	Details are provided in Section 3.7.1 of the EPA Referral Supporting Document.
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	Details are provided in Table 5.3 of the EPA Referral Supporting Document.
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</i> 	Mitigation measures are provided in Table 5.4 and offsets are provided in Table 5.5 of the EPA Referral Supporting Document.

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
	<i>counterbalance significant residual environmental impacts or risks of a project or activity.</i>	
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>Details are provided in Table 5.6 of the EPA Referral Supporting Document.</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>Critical assumptions include:</p> <ul style="list-style-type: none"> At the end of the mine life, all natural drainage processes will be reinstated. Water quality monitoring will continue to be undertaken post closure until acceptable levels are reached.

HYDROLOGICAL PROCESSES - GROUNDWATER

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	Hydrological Processes - Groundwater
2	EPA Objective, as defined in EAG 8	To maintain the hydrological regimes of groundwater so that existing and potential uses, including ecosystem maintenance, are protected.
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	Operational Policy 5.08: Use of operating strategies in the water licensing process. Western Australian water in mining guideline.
4	Consultation - outline the need for consultation and the outcomes of any consultation in relation to the potential environmental impacts, including: <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> 	Locally the community have responded very well to discussion around the prospect of the Project. Refer to Section 4 and Appendix 22 of the EPA Referral Supporting Document.
5	Baseline information - describe the relevant characteristics of the receiving environment. <i>This may include: regional context; known environmental values, current quality, sensitivity to impact, and current level of cumulative impacts.</i>	Details are provided in Section 3.7.2 of the EPA Referral Supporting Document.
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	Details are provided in Table 5.3 of the EPA Referral Supporting Document.
7	Mitigation measures - what measures are proposed to mitigate the potential environmental impacts? The following should be addressed: <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> 	Mitigation measures are provided in Table 5.4 and offsets are provided in Table 5.5 of the EPA Referral Supporting Document.

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>Details are provided in Table 5.6 of the EPA Referral Supporting Document.</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>Critical assumptions include:</p> <ul style="list-style-type: none"> • Preferential use of mine dewater in processing and dust suppression. • Containment of excess saline groundwater (mine dewater) in the Myamba evaporation pond. • Storage of hydrocarbons in accordance with AS/NZS 1940:2004. • Storage and transportation of chemicals in accordance with Dangerous Goods Regulations. • Encapsulation (or bunding) of all identified PAF and metal-enriched materials. • Installation of groundwater monitoring bores downstream of the TSF embankment to monitor water levels and water quality.

AIR QUALITY AND ATMOSPHERIC GASSES

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	Air Quality and Atmospheric Gasses
2	EPA Objective, as defined in EAG 8	To maintain air quality for the protection of the environment and human health and amenity, and to minimise the emission of greenhouse and other atmospheric gases through the application of best practice.
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	<p>Guidance Statement No. 3: <i>Separation Distance between Industrial and Sensitive Land Uses</i></p> <p>Environmental Protection Bulletin No. 24: <i>Greenhouse Gas Emissions and Consideration of Projected Climate Change Impacts in the EIA Process</i></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>Locally the community have responded very well to discussion around the prospect of the Project.</p> <p>Refer to Section 4 and Appendix 22 of the EPA Referral Supporting Document.</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>	Details are provided in Section 3.8 of the EPA Referral Supporting Document.
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	Details are provided in Table 5.3 of the EPA Referral Supporting Document.
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> 	Mitigation measures are provided in Table 5.4 and offsets are provided in Table 5.5 of the EPA Referral Supporting Document.

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>Details are provided in Table 5.6 of the EPA Referral Supporting Document.</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>Critical assumptions include:</p> <ul style="list-style-type: none"> • Preservation of a 50.69 ha of the Kundip Mining Lease Area as conservation reserve. • Post mining landscape of the RGCP to have a net increase in the amount of vegetation cover to partially offset GHG emissions. • Implementation of mitigation measures as per Table 5-5 of the Supporting Document (Attachment 1).

AMENITY

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	Amenity
2	EPA Objective, as defined in EAG 8	To ensure that impacts to amenity are reduced as low as reasonably practicable.
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	<p>Environmental Assessment Guideline No. 13: <i>Consideration of Environmental Impacts from Noise</i></p> <p>Guidance Statement No. 3: <i>Separation Distance between Industrial and Sensitive Land Uses</i></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>Locally the community have responded very well to discussion around the prospect of the Project.</p> <p>Refer to Section 4 and Appendix 22 of the EPA Referral Supporting Document.</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>	Details are provided in Section 3.9.3 of the EPA Referral Supporting Document.
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	Details are provided in Table 5.3 of the EPA Referral Supporting Document.
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> 	Mitigation measures are provided in Table 5.4 and offsets are provided in Table 5.5 of the EPA Referral Supporting Document.

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>Details are provided in Table 5.6 of the EPA Referral Supporting Document.</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>Critical assumptions include:</p> <ul style="list-style-type: none"> • Location of critical infrastructure at Kundip Mine Site which is less exposed and not as visible from the Hopetoun-Ravensthorpe road as Myamba Mine Site. • Development of a band of vegetation along the western edge of Myamba Mine Site to reduce visibility of the proposed activities from the Hopetoun-Ravensthorpe Road. • Contribution of funds to construct a communal shelter at the old Kundip Town Site, a half way stop over for cyclists and trail walkers using the trail moving between Ravensthorpe and Hopetoun. • Upon cessation of mining activities, rehabilitation will be undertaken to restore areas within the RGCP where visual amenity was compromised.

HERITAGE - INDIGENOUS

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	Indigenous Heritage
2	EPA Objective, as defined in EAG 8	To ensure that cultural associations are not adversely affected.
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	Guidance Statement No. 41: Assessment of Aboriginal Heritage.
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>Locally the community have responded very well to discussion around the prospect of the Project.</p> <p>Refer to Section 4 and Appendix 22 of the EPA Referral Supporting Document.</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>	Details are provided in Section 3.9.1 of the EPA Referral Supporting Document.
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	Details are provided in Table 5.3 of the EPA Referral Supporting Document.
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</i> 	Details are provided in Table 5.4 of the EPA Referral Supporting Document.

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
	<i>residual environmental impacts or risks of a project or activity.</i>	
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>Mitigation measures are provided in Table 5.4 and offsets are provided in Table 5.5 of the EPA Referral Supporting Document.</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>There are no ‘registered’ Aboriginal sites or ‘other heritage places’ within the KGP area.</p> <p>All actions will be undertaken in accordance with the <i>Aboriginal Heritage Act 1972.</i></p>

HERITAGE -ENVIRONMENTAL

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	Environmental Heritage
2	EPA Objective, as defined in EAG 8	To ensure that historical associations and natural heritage are not adversely affected.
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	N/A
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>Locally the community have responded very well to discussion around the prospect of the Project.</p> <p>Refer to Section 4 and Appendix 22 of the EPA Referral Supporting Document.</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>	Details are provided in Section 3.9.2 of the EPA Referral Supporting Document.
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	Details are provided in Table 5.3 of the EPA Referral Supporting Document.
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</i> 	Mitigation measures are provided in Table 5.4 and offsets are provided in Table 5.5 of the EPA Referral Supporting Document.

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
	<i>residual environmental impacts or risks of a project or activity.</i>	
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>Details are provided in Table 5.6 of the EPA Referral Supporting Document.</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>	N/A

REHABILITATION AND CLOSURE

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
1	Factor, as defined in EAG 8	Rehabilitation and Closure
2	EPA Objective, as defined in EAG 8	To ensure that premises are decommissioned and rehabilitated in an ecologically sustainable manner.
3	Guidance - what established policies, guidelines, and standards apply to this factor in relation to the proposal?	<p>Environmental Assessment Guideline: Joint Guidelines for Preparing Mine Closure Guidelines</p> <p>Guidance Statement No. 6: <i>Rehabilitation of Terrestrial Ecosystems</i></p> <p>Environmental Protection Bulletin No. 19: <i>EPA Involvement in Mine Closure</i></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>Locally the community have responded very well to discussion around the prospect of the Project.</p> <p>Refer to Section 4 and Appendix 22 of the EPA Referral Supporting Document.</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>	Details are provided in Section 2.9 of the EPA Referral Supporting Document.
6	Impact assessment - describe the potential impact/s that may occur to the environmental factor as a result of implementing the proposal.	Details are provided in Table 5.3 of the EPA Referral Supporting Document.
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> 	Mitigation measures are provided in Table 5.4 and offsets are provided in Table 5.5 of the EPA Referral Supporting Document.

Proponent to complete. DMA and Third Party to complete to the best of their knowledge.		
	<ul style="list-style-type: none"> Offsets – actions that provide environmental benefits to counterbalance significant residual environmental impacts or risks of a project or activity. 	
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"> quantifying the predicted impacts (extent, duration, etc.) acknowledging any uncertainty in predictions; putting the impacts into a regional or local context, incorporating knowable cumulative impacts; and comparison against any established environmental policies, guidelines, and standards. 	<p>Details are provided in Table 5.6 of the EPA Referral Supporting Document.</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>The post-mining landscape will support the same uses and functions to that which existed pre-mining.</p>

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.