

# Form

## Referral of a proposal under s. 38 of the EP Act

PART A: PROPONENT AND REFERRER INFORMATION AND PROPOSAL DESCRIPTION			
<b>Referrer information</b>			
Who is referring this proposal?		<input checked="" type="checkbox"/> Proponent <input type="checkbox"/> Decision-making authority <input type="checkbox"/> Community member/third party	
Name (print) Sarah Carroll		Signature 	
Position	Director	Organisation	Rhodes Ridge Management Services Pty Ltd
Email	sarah.j.carroll@riotinto.com	Phone	(08) 9327 2000
Address	152 - 158	St Georges Terrace	
	Perth	WA	6000
Date	25 January 2024		
Does the referrer request that the EPA treat any part of the proposal information in the referral as confidential? <i>Provide confidential information in a separate attachment.</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Does the referrer confirm that they consent to receive correspondence electronically?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Referral declaration for proponent and Authorised representative: I, Sarah Carroll declare that I am authorised to refer this proposal on behalf of Rhodes Ridge Management Services and further declare that the information contained in this form is true and not misleading.  Date: 25 January 2024			
<b>Proponent information</b>			
Name of the proponent/s <i>Include Trading Name if relevant</i>		Rhodes Ridge Management Services Pty Ltd	
Australian Company Number(s) <input type="checkbox"/>		33 662 895 927	
<b>OR</b> Australian Business Number(s) <input checked="" type="checkbox"/>			

Pre-referral discussions	
<p><b>Have you had pre-referral discussions with the EPA (including the EPA Services of DWER)?</b></p> <p><i>If so, provide name, date, and overview of discussions.</i></p>	<p>✓ Yes <input type="checkbox"/> No</p> <p><b><u>Wednesday 19 July 2023</u></b></p> <p>Overview: Discussion with the EPA centred on the proposed approval approach for the Rhodes Ridge development, the consideration of cumulative impacts, and application of the revised Social Surrounds factor guideline.</p> <p><b><u>Tuesday 17 October 2023</u></b></p> <p>Overview: Discussion with EPA Services on the proposed scope of the project (including the addition of Giles Mini deposits), the biological survey work undertaken to date and the proposed plan for additional survey work throughout 2024. Discussion also included overall assessment timeframes.</p>
Proposal information	
<p><b>Proposal name</b></p>	<p>Rhodes Ridge Iron Ore Project</p>
<p><b>What is the proposal? (Include general description in the <a href="#">Instructions and template: How to identify the content of a proposal</a>)</b></p>	<p>The Proposal is for the development of the Rhodes Ridge Iron Ore Project (the Proposal), located approximately 40 km north-west of Newman, in the Shire of East Pilbara. The Proposal requires a disturbance footprint of up to 14,850 ha within a 61,301 ha Development Envelope.</p> <p>The Proposal includes the development of new above and below water table deposits, and associated activities. The proposal includes but is not limited to:</p> <ul style="list-style-type: none"> <li>• Development of new deposits including above and below water table mining at Rhodes Ridge Main and Arrowhead deposits and above water table mining only at Giles Mini deposits</li> <li>• Ore processing (wet and dry), transport and handling infrastructure</li> <li>• Ore, topsoil and subsoil stockpiles</li> <li>• Mineral waste management including but not limited to waste rock dumps, storage of waste fines, low grade ore dumps</li> <li>• Surface water management infrastructure</li> <li>• Groundwater abstraction infrastructure</li> </ul>

	<ul style="list-style-type: none"> <li>• Dewatering and surplus water management</li> <li>• Renewable energy infrastructure including solar</li> <li>• Other associated infrastructure and support facilities including accommodation camps, workshops, hydrocarbon storage, laydown areas and offices</li> </ul>
<b>Have you provided electronic spatial data, maps, and figures in the appropriate format?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>What type of proposal is being referred?</b>  <i>For significant amendment or derived proposal, provide the associated existing Ministerial statement number/s</i>  <i>For a proposal under an assessed planning scheme, provide the scheme number and name</i>	<input checked="" type="checkbox"/> significant proposal. <i>Choose which type of significant proposal</i> <input checked="" type="checkbox"/> new proposal <input type="checkbox"/> significant amendment (proposal only) <input type="checkbox"/> significant amendment (conditions only) <input type="checkbox"/> significant amendment (proposal and conditions) <input type="checkbox"/> strategic proposal <input type="checkbox"/> derived proposal <input type="checkbox"/> proposals of a prescribed class <input type="checkbox"/> proposal under an assessed planning scheme
<b>Proposal content:</b> Complete the corresponding template (Proposal Content Document) from the <a href="#">Instructions and template: How to identify the content of a proposal</a> for the type of proposal identified above. The completed form <b>must be</b> submitted with the referral.	
<b>Alternatives</b>	See Section 1.3.3 of the Supporting Document

## PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS

### Environmental factors

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 checked="" type="checkbox"/> Subterranean Fauna <input type="checkbox"/> Terrestrial Environmental Quality <input checked="" type="checkbox"/> Terrestrial Fauna <input checked="" type="checkbox"/> Inland Waters <input type="checkbox"/> Air Quality <input checked="" type="checkbox"/> Greenhouse Gas Emissions <input checked="" type="checkbox"/> Social Surroundings <input type="checkbox"/> Human Health
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*For **each** of the environmental factors identified above, complete the following table, or provide the information in a supplementary report*

### Potential environmental impacts – Flora and Vegetation

1	<b>EPA policy and guidance</b>	See Section 6.2 of the Supporting Document
2	<b>Receiving environment</b>	See Section 6.3 of the Supporting Document
3	<b>Likely environmental impacts</b>	See Section 6.4 of the Supporting Document
4	<b>Application of the mitigation hierarchy, including other statutory decision-making processes</b>	See Section 6.5 of the Supporting Document
5	<b>Assessment and significance of residual impacts</b>	See Section 6.6 of the Supporting Document
6	<b>Likely environmental outcomes</b>	See Section 6.7 of the Supporting Document

### Potential environmental impacts – Subterranean Fauna

1	<b>EPA policy and guidance</b>	See Section 9.2 of the Supporting Document
2	<b>Receiving environment</b>	See Section 9.3 of the Supporting Document
3	<b>Likely environmental impacts</b>	See Section 9.4 of the Supporting Document
4	<b>Application of the mitigation hierarchy, including other statutory decision-making processes</b>	See Section 9.5 of the Supporting Document
5	<b>Assessment and significance of residual impacts</b>	See Section 9.6 of the Supporting Document
6	<b>Likely environmental outcomes</b>	See Section 9.7 of the Supporting Document

### Potential environmental impacts – Terrestrial Fauna

1	<b>EPA policy and guidance</b>	See Section 7.2 of the Supporting Document
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2	<b>Receiving environment</b>	See Section 7.3 of the Supporting Document
3	<b>Likely environmental impacts</b>	See Section 7.4 of the Supporting Document
4	<b>Application of the mitigation hierarchy, including other statutory decision-making processes</b>	See Section 7.5 of the Supporting Document
5	<b>Assessment and significance of residual impacts</b>	See Section 7.6 of the Supporting Document
6	<b>Likely environmental outcomes</b>	See Section 7.7 of the Supporting Document
<b>Potential environmental impacts – Inland Waters</b>		
1	<b>EPA policy and guidance</b>	See Section 8.2 of the Supporting Document
2	<b>Receiving environment</b>	See Section 8.3 of the Supporting Document
3	<b>Likely environmental impacts</b>	See Section 8.4 of the Supporting Document
4	<b>Application of the mitigation hierarchy, including other statutory decision-making processes</b>	See Section 8.5 of the Supporting Document
5	<b>Assessment and significance of residual impacts</b>	See Section 8.6 of the Supporting Document
6	<b>Likely environmental outcomes</b>	See Section 8.7 of the Supporting Document
<b>Potential environmental impacts – Greenhouse Gas Emissions</b>		
1	<b>EPA policy and guidance</b>	See Section 11.2 of the Supporting Document
2	<b>Receiving environment</b>	See Section 11.3 of the Supporting Document
3	<b>Likely environmental impacts</b>	See Section 11.4 of the Supporting Document
4	<b>Application of the mitigation hierarchy, including other statutory decision-making processes</b>	See Section 11.5 of the Supporting Document
5	<b>Assessment and significance of residual impacts</b>	See Section 11.6 of the Supporting Document
6	<b>Likely environmental outcomes</b>	See Section 11.7 of the Supporting Document
<b>Potential environmental impacts – Social Surroundings</b>		
1	<b>EPA policy and guidance</b>	See Section 10.2 of the Supporting Document
2	<b>Receiving environment</b>	See Section 10.3 of the Supporting Document
3	<b>Likely environmental impacts</b>	See Section 10.4 of the Supporting Document

4	<b>Application of the mitigation hierarchy, including other statutory decision-making processes</b>	See Section 10.5 of the Supporting Document
5	<b>Assessment and significance of residual impacts</b>	See Section 10.6 of the Supporting Document
6	<b>Likely environmental outcomes</b>	See Section 10.7 of the Supporting Document
<b>Holistic impact assessment</b>		
See Section 14 of the Supporting Document		
<b>Cumulative environmental impact assessment</b>		
See Section 15 of the Supporting Document		
<b>Consultation</b>		
Stakeholder Consultation Table is provided as Table 4-1 in the Supporting Document.		
<b>Supporting documents</b>		
<p>A number of reports are currently in preparation (final consolidated reports to be provided with the draft ERD). These include:</p> <p>Astron 2021. Rhodes Ridge Targeted Northern Quoll Fauna Assessment. Rev A (Draft).</p> <p>Astron 2022a. Species Distribution Models Rhodes Ridge Priority Flora and Ecological Communities. Rev A (Draft).</p> <p>Astron 2022b. Rhodes Ridge Remote Sensing Vegetation Classification. Rev A (Draft).</p> <p>Astron 2022c. Species Distribution Models Rhode Ridge Priority and Threatened Fauna. Rev A (Draft).</p> <p>Astron 2022d. Rhodes Ridge Project. Matters of National Environmental Significance Fauna and Habitat Assessment.</p> <p>Astron 2023a. Rhodes Ridge Vegetation and Flora Assessment. Interim Report. Rev A (Draft).</p> <p>Astron 2023b. Rhodes Ridge Project Detailed Fauna Survey. Rev A (Draft)</p> <p>Biologic 2022a. Rhodes Ridge: Level 2 Subterranean Fauna Assessment – Preliminary Results. Rev 1 (Draft)</p> <p>Biologic 2022b. Rhodes Ridge: Integrated Aquatic Memo.</p> <p>eDNA frontiers for Astron 2022. Detection of the Pilbara Olive Python in a series of persistent pools and gorge/gullies in the Pilbara using eDNA metabarcoding.</p> <p>GHD 2022. Rhodes Ridge Targeted Flora Survey. Draft</p> <p>Stantec 2020. Rhodes Ridge Baseline Subterranean Fauna 2019 Sampling Program for EPA Level 2 Stygofauna and Troglifauna Assemblage Survey. Rev v0.4 (Draft).</p>		
Has the referrer provided survey information according to the <a href="#">Instructions and Form: IBSA Data Packages</a> and/or the <a href="#">Instructions and form: IMSA Data Packages</a>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Conclusion</b>		
A detailed environmental impact assessment will be presented within the ERD. This assessment, in consideration of the proposed avoidance and management measures, will demonstrate that the Proposal can be implemented to meet the EPA’s objectives		

## PART C: OTHER APPROVALS AND REGULATION

### Decision-making authorities and their approvals

Provide a table list of the decision-making authorities, associated legislation or agreement regulating the activity and the specific approval required. (Example table at the end of form)	Refer to Table 3-2 in the Supporting Document.
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Provide a summary of the statutory decision-making processes you consider can mitigate the potential impacts of the proposal on the environment. (Note: this should be a summary of the information provided in Part B section 2.4). (Example table at the end of form)	Refer to Table 3-2 in the Supporting Document.
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### Tenure and Local Government approvals

Location of proposal: 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 Proposal is located approximately 40 km north-west of Newman.
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Name of the Local Government Authority in which the proposal is located.	Shire of East Pilbara
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Is rezoning of any land required before the proposal can be implemented? If yes, please provide details.	<input type="checkbox"/> Yes <span style="margin-left: 100px;"><input checked="" type="checkbox"/> No</span>
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What is the current land use on the property, and the extent (area in hectares) of the property?	N/A
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Does the proponent have the 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 <span style="margin-left: 100px;"><input type="checkbox"/> No</span>
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### Commonwealth Government approvals

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 checked="" type="checkbox"/> Yes <span style="margin-left: 100px;"><input type="checkbox"/> No</span>
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Has the proposed action been referred? If yes, when was it referred and what is the reference number (EPBC No.)?	<input type="checkbox"/> Yes <span style="margin-left: 100px;"><input checked="" type="checkbox"/> No</span> Date: _____ EPBC No.: _____
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<p>If referred, has a decision been made on whether the proposed action is a controlled action? If 'yes', check the appropriate box and provide the decision in an attachment.</p>	<p><input type="checkbox"/> Yes <span style="float: right;"><input checked="" type="checkbox"/> No</span>  <input type="checkbox"/> Decision – controlled action  <input type="checkbox"/> Decision – not a controlled action</p>
<p>If the proposal is determined to be a controlled action, do you request that this proposal be assessed under a Bilateral Agreement or as an accredited assessment?</p>	<p><input type="checkbox"/> Yes - Bilateral <span style="float: right;"><input checked="" type="checkbox"/> No</span>  <input type="checkbox"/> Yes - Accredited</p>
<p>Is approval required from other Commonwealth Government/s for any part of the proposal?  <i>If yes, describe.</i></p>	<p><input type="checkbox"/> Yes <span style="float: right;"><input checked="" type="checkbox"/> No</span>  Approval:</p>