




# Environmental Protection Authority

## Form for the referral of a proposal to the Environmental Protection Authority under Section 38 of the *Environmental Protection Act 1986*

Referrer information			
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) Paul Shannon		Signature 	
Position	Director	Organisation	Robe River Mining Co. Pty. Ltd.
Email			
Address	152-158	St Georges Terrace	
	Perth	WA	6000
Date	11 July 2017		
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	
<b>Referral declaration for organisations, proponents and decision-making authorities:</b> I, Paul Shannon, declare that I am authorised to refer this proposal on behalf of Robe River Mining Co. Pty. Ltd. and further declare that the information contained in this form is true and not misleading.			
Part A: Proponent and proposal description			
Proponent information			
Name of the proponent/s (including Trading Name if relevant)		The Proponent for the Proposal is Robe River Mining Co. Pty. Ltd.  Robe River Mining Co. Pty. Ltd. (a wholly owned subsidiary of the Rio Tinto) is the authorised management company for the Robe River Iron Associates joint venture which is an unincorporated joint venture in which the Rio Tinto Group (53%), Mitsui (33%), Nippon Steel (10.5%) and Sumitomo Metal Industries (3.5%) retain interests.	
Australian Company Number(s) <input checked="" type="checkbox"/> <b>OR</b> Australian Business Number(s) <input type="checkbox"/>		71 008 694 246	

<p>Contact for the proposal (if different from the referrer)</p> <p><i>Please include: name; physical address; phone; and email.</i></p>	<p>The contact person in relation to the environmental approvals process for this Proposal is Carly Nixon (Environmental Approvals Specialist)</p> <p>A: 152-158 St Georges Terrace Perth, WA 6000</p> <p>T: +61 (08) 6213 1297</p> <p>E: carly.nixon@riotinto.com</p>
<p>Does the proponent have the legal access required for the implementation of all aspects of the proposal?</p> <p><i>If yes, provide details of legal access authorisations / agreements / tenure.</i></p> <p><i>If no, what authorisations / agreements / tenure is required and from whom?</i></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>The West Angelas Project is located on Mineral Lease 248SA which was granted in 1976 under the <i>Iron Ore (Robe River) Agreement Act 1964 (WA)</i>.</p> <p>The infrastructure at West Angelas that is located outside of ML248SA is supported by the following other tenure (General Purpose Leases and Miscellaneous Licences) that have been granted under the <i>Mining Act 1978 (WA)</i>:</p> <ul style="list-style-type: none"> <li>• General purpose leases 47/1235 and 47/1236;</li> <li>• Miscellaneous Licence L47/50 for the rail;</li> <li>• Miscellaneous Licence L47/409 for the gas pipeline; and</li> <li>• Miscellaneous Licence L47/53 for the pipeline and powerline to the Turee B Borefield and L47/41 for the Turee B Borefield.</li> </ul> <p>Refer to Section 1.4 of the Environmental Review document.</p>
<p><b>Proposal type</b></p>	
<p><b>What type of proposal is being referred?</b></p> <p>For a change to an approved proposal please state the Ministerial Statement number/s (MS No./s) of the approved proposal</p>	<p><input checked="" type="checkbox"/> significant – new proposal</p> <p><input type="checkbox"/> significant – change to approved proposal (MS No./s: _____)</p> <p><input type="checkbox"/> proposal under an assessed planning scheme</p> <p><input type="checkbox"/> strategic</p> <p><input type="checkbox"/> derived (Strategic MS No.: _____)</p>
<p>For a significant proposal:</p> <ul style="list-style-type: none"> <li>• Why do you consider the proposal may have a significant effect on the environment and warrant referral to the EPA?</li> </ul>	<p>Refer to Section 4.2 of the Environmental Review document.</p>
<p>For a proposal under an assessed planning scheme, provide the following details:</p> <ul style="list-style-type: none"> <li>• Scheme name and number</li> </ul> <p>For the Responsible Authority:</p> <ul style="list-style-type: none"> <li>• What new environmental issues are raised by the proposal that were not assessed during the assessment of the planning scheme?</li> <li>• How does the proposal not comply with the assessed scheme and/or the environmental conditions in the assessed planning scheme?</li> </ul>	<p>N/A</p>

<b>Proposal description</b>	
Title of the proposal	West Angelas Iron Ore Project Deposit C, D and G Proposal
Name of the Local Government Authority in which the proposal is located.	The Proposal is located in the Shire of East Pilbara.
Location: a) street address, lot number, suburb, and nearest road intersection; or b) if remote the nearest town and distance and direction from that town to the proposal site.	The West Angelas Iron Ore Mine is located approximately 130 km northwest of Newman in the Pilbara region of Western Australia.
Proposal description – including the key characteristics of the proposal	Refer to Section 2.2 of the Environmental Review document.
Have you provided electronic spatial data, maps and figure in the appropriate format?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
What is the current land use on the property, and the extent (area in hectares) of the property?	Existing land uses in the region are limited to mining activities.  This Proposal is located adjacent to the existing West Angelas Iron Ore Mine. Clearing of up to 7,890 ha within the 22,600 ha West Angelas development envelope has been approved under existing Ministerial Statements 970 and 1015.
Have you had pre-referral discussions with the OEPA? If so, quote the reference number and/or the OEPA contact.	Pre-referral discussions were held with the OEPA on 1 November and 22 November 2017. The Proponent has, and will continue to, consult with the OEPA and other relevant stakeholders during the environmental approval process. Refer to Section 3 of the Environmental Review document.
<b>Part B: Environmental impacts</b>	
<b>Environmental factors</b>	
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"/> Hydrological Processes <input type="checkbox"/> Inland Waters Environmental Quality <input type="checkbox"/> Air Quality <input type="checkbox"/> Social Surroundings <input type="checkbox"/> Human Health
<i>For the environmental factors identified above, complete the following table, or provide the information in a supplementary report. Please be sure to complete a separate table per factor identified above.</i>	

Potential environmental impacts		
1	<b>EPA Factor</b>	The Proponent considers that the preliminary key environmental factors relevant to this Proposal are: <i>Flora and Vegetation</i> (refer to Section 5 of the Environmental Review document); <i>Terrestrial Fauna</i> (refer to Section 6 of the Environmental Review document); <i>Subterranean Fauna</i> (refer to Section 7 of the Environmental Review document); and <i>Hydrological Processes</i> (refer to Section 8 of the Environmental Review document).  In addition, Closure and Offsets are considered relevant to this Proposal (refer to Sections 9 and 10 of the Environmental Review document).
2	<b>EPA policy and guidance</b> - What have you considered and how have you applied them in relation to this factor?	Refer to the following Sections of the Environmental Review document: Flora and Vegetation - Section 5.2 ; Fauna - Section 6.2; Subterranean Fauna - Section 7.2; and Hydrological Processes - Section 8.2.
3	<b>Consultation</b> – Outline the outcomes of consultation in relation to the potential environmental impacts	Refer to Section 3 of the Environmental Review document.
4	<b>Receiving environment</b> - Describe the current condition of the receiving environment in relation to this factor.	Refer to the following Sections of the Environmental Review document: Flora and Vegetation - Section 5.3 ; Fauna - Section 6.3; Subterranean Fauna - Section 7.3; and Hydrological Processes - Section 8.3.
5	<b>Proposal activities</b> – Describe the proposal activities that have the potential to impact the environment	Refer to Section 2.2 of the Environmental Review document.
7	<b>Impacts</b> - Assess the impacts of the proposal and review the residual impacts against the EPA objective.	Refer to the following Sections of the Environmental Review document: Flora and Vegetation - Section 5.4 ; Fauna - Section 6.4; Subterranean Fauna - Section 7.4; and Hydrological Processes - Section 8.4.
6	<b>Mitigation</b> - Describe the measures proposed to manage and mitigate the potential environmental impacts.	Refer to the following Sections of the Environmental Review document: Flora and Vegetation - Section 5.5 ; Fauna - Section 6.5; Subterranean Fauna - Section 7.5; and Hydrological Processes - Section 8.5.
8	<b>Assumptions</b> - Describe any assumptions critical to your assessment <i>e.g. particular mitigation measures or regulatory conditions.</i>	As above.

Part C: Other approvals and regulation		
State and Local Government approvals		
Is rezoning of any land required before the proposal can be implemented? If yes, please provide details.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If this proposal has been referred by a decision-making authority, what approval(s) are required from you?		N/A
Proposal activities	Land tenure/access	Type of approval / Legislation regulating the activity
Clearing	<i>Iron Ore (Robe River) Agreement Act 1964</i> General purpose leases and Miscellaneous Licences granted under the <i>Mining Act 1978</i> .	Clearing is subject to approval under Part IV of the <i>Environmental Protection Act 1986</i> . Mining Proposals may be required for work on General Purpose Leases under the <i>Mining Act 1978</i> .
Mining	<i>Iron Ore (Robe River) Agreement Act 1964</i>	State Agreement approval is required under the <i>Iron Ore (Robe River) Agreement Act 1964</i> for the proposed additional Deposits C, D and G and new associated infrastructure (including but not limited to transport routes, power and water supply, accommodation).
Processing	<i>Iron Ore (Robe River) Agreement Act 1964</i>	A Works Approval may be required under Part V of the <i>Environmental Protection Act 1986</i> for new infrastructure considered a prescribed activity (i.e. processing facilities). An amendment to the existing existing Operating Licence, L7774/2000, issued under Part V of the <i>Environmental Protection Act 1986</i> is potentially required if a Works Approval has been issued in order to operate a new facility or for changes to existing facilities within the existing prescribed premise.
Diversions	<i>Iron Ore (Robe River) Agreement Act 1964</i>	A Permit to Obstruct or Interfere with Bed / Banks may be required under the <i>Rights in Water and Irrigation Act 1914</i> for the proposed diversion of Turee Creek East.
Dewatering	<i>Iron Ore (Robe River) Agreement Act 1964</i>	A Licence to Construct Wells is required under section 26D of the <i>Rights in Water and Irrigation Act 1914</i> for new bores. An amendment to the existing Groundwater Licence GWL98740 is required under section 5C of the <i>Rights in Water and Irrigation Act 1914</i> for groundwater abstraction from new water supply / dewatering bores or an increase in abstraction from existing water supply / dewatering bores.

		The existing Groundwater Operating Strategy must also be updated prior to groundwater abstraction commencing.
Discharge	<i>Iron Ore (Robe River) Agreement Act 1964</i> and unallocated crown land	An amendment to the existing existing Operating Licence, L7774/2000, issued under Part V of the <i>Environmental Protection Act 1986</i> is potentially required when changing the volume of discharge.
Closure	<i>Iron Ore (Robe River) Agreement Act 1964</i>	A Closure Plan which meets the requirements of the requirements of the EPA / DMP <i>Guidelines for Preparing Mine Closure Plans</i> (2015) is required under the <i>Environmental Protection Act 1986</i> .
<b>Commonwealth Government approvals</b>		
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 Refer to Section 12 of the Environmental Review document.	
Has the proposed action been referred? If yes, when was it referred and what is the reference number (EPBC No.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: _____ EPBC No.: _____	
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.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Decision – controlled action <input type="checkbox"/> Decision – not a controlled action	
Do you request that this proposal be assessed under the bilateral agreement or as an accredited assessment?	<input type="checkbox"/> Yes - Bilateral <input type="checkbox"/> No <input type="checkbox"/> Yes - Accredited	
Is approval required from other Commonwealth Government/s for any part of the proposal? <i>If yes, describe.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No Approval:	