


Form

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

PART A: PROPONENT AND REFERRER INFORMATION AND PROPOSAL DESCRIPTION	
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 of the referrer Mr Les Purves	Signature 
Contact details (for the EPA's assessment of this proposal) <i>Les Purves, organisation, position, email, phone and address</i>	Les Purves, General Manager-Environment & Approvals 1 Sleaf Rd, Applecross, WA, 6153 Phone 08 9329 3407 Email: les.purves@mrl.com.au
Does the referrer request that the EPA treat any part of the proposal information in the referral as confidential?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Declaration	
I, Les Purves declare that I am authorised to refer this proposal on behalf of Mineral Resources Limited and further declare that the information contained in this form is true and not misleading.	
Proponent information	
Name of the proponent/s <i>Include Trading Name if relevant</i>	Process Minerals International (ACN 063 988 894), herein MinRes), a wholly owned subsidiary of Mineral Resources Limited (ACN 118 549 910)
Australian Company Number(s) <input checked="" type="checkbox"/>	Process Minerals International (ACN 063 988 894)
OR Australian Business Number(s) <input type="checkbox"/>	Mineral Resources Limited (ACN 118 549 910)
Pre-referral discussions	
Have you had pre-referral discussions with the EPA (including the EPA Services of DWER)? <i>If so, provide name, date, and overview of discussions.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Pre-referral meeting with EPA Services to discuss environmental factors relevant to the proposal was held on 26 November 2021. Attending were: MinRes - Adam Parker, Thomas Stynes, Carl Paton, Sarah Osborne

	<p>Stantec - Peter Tapsell, Courtney Kains</p> <p>EPA - Troy Sinclair, Liesl Rohl</p> <p>No significant issues. The plant shown as critically endangered at GNH intersection is a result of misidentification and expected to be de-listed.</p> <p>EPA advice on aspects to ensure are included in referral, and recent experiences with other referrals:</p> <ul style="list-style-type: none"> • identify changes made to avoid heritage sites, committing to ongoing TO group engagement is important, • clearly demonstrate any risk, or lack thereof, of potentially acid-forming (PAF) wastes, • Ghost Bat habitat and distances from disturbances important.
Proposal information	
Proposal name	Lamb Creek Iron Ore Project
<p>What is the proposal? (Include general description in the Instructions and template: How to identify the content of a proposal)</p>	<p>Lamb Creek iron Ore Project located approximately 130 km northwest of Newman, the East Pilbara Region of Western Australia (WA) (refer to Figure ES 1 in the Referral Supporting Documentation – regional context map). The proposal includes, but is not limited to, the following:</p> <ul style="list-style-type: none"> • The development of above and below water table mine pit; • Ore processing facility; • Groundwater abstraction for water supply (for the mine and all associated infrastructure) and for the dewatering to facilitate the recovery of ore below water table in the mine pit; • Mineral waste management (waste rock dumps); • Infrastructure to manage surface water (diversion of creeks and surface water flows);

	<ul style="list-style-type: none"> • Linear infrastructure (haul roads, powerlines, pipelines and conveyor corridors); • Mine associated infrastructure and support facilities (including, but not limited to accommodation camp, energy supply infrastructure; wastewater treatment plant (WWTP); landfill, offices, workshops, hardstands, laydown areas, etc.); and • Transport of the ore via the Great Northern Highway to Port Hedland for export. <p>The Proposal is located within a 881 ha Development Envelope and will require the clearing of up to 650 ha of native vegetation.</p>
<p>Have you provided electronic spatial data, maps, and figures in the appropriate format?</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>What type of proposal is being referred?</p> <p><i>For significant amendment or derived proposal, provide the associated existing Ministerial statement number/s</i></p> <p><i>For a proposal under an assessed planning scheme, provide the scheme number and name</i></p>	<p><input checked="" type="checkbox"/> significant proposal. <i>Choose which type of significant proposal</i></p> <p><input checked="" type="checkbox"/> new proposal</p> <p><input type="checkbox"/> significant amendment (proposal only)</p> <p><input type="checkbox"/> significant amendment (conditions only)</p> <p><input type="checkbox"/> significant amendment (proposal and conditions)</p> <p><input type="checkbox"/> strategic proposal</p> <p><input type="checkbox"/> derived proposal</p> <p><input type="checkbox"/> proposals of a prescribed class</p> <p><input type="checkbox"/> proposal under an assessed planning scheme</p>
<p>Proposal content: <i>Complete the corresponding template (Proposal Content Document) from the Instructions and template: How to identify the content of a proposal for the type of proposal identified above. The completed form must be submitted with the referral.</i></p>	
<p>Alternatives</p>	<p>Alternatives have been, and will continue to be, considered during the development of the Proposal for:</p> <ol style="list-style-type: none"> 1. Non fixed assets including haul roads, waste rock dumps, power generation; 2. Use and extraction of ground water; 3. Use of autonomous equipment to reduce emissions; and 4. Material conveyance alternatives

PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS

Environmental factors

<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 ✓ Flora and Vegetation <input type="checkbox"/> Landforms ✓ Subterranean Fauna <input type="checkbox"/> Terrestrial Environmental Quality ✓ Terrestrial Fauna ✓ Inland Waters <input type="checkbox"/> Air Quality <input type="checkbox"/> Greenhouse Gas Emissions ✓ Social Surroundings <input type="checkbox"/> Human Health 	
<p><i>For each of the environmental factors identified above, complete the following table, or provide the information in a supplementary report</i></p>		
<p>Please see Sections 7 (Flora and Vegetation), 8 (Terrestrial Fauna), 9 (Subterranean Fauna), 10 (Inland Waters), and 11 (Social Surroundings) in the accompanying RSD for details.</p>		
<p>Potential environmental impacts – for each environmental factor</p>		
<p>1</p>	<p>EPA policy and guidance</p>	<p>See Section for each Key Environmental Factor in the attached RSD</p>
<p>2</p>	<p>Receiving environment</p>	<p>See Section for each Key Environmental Factor in the attached RSD</p>
<p>3</p>	<p>Likely environmental impacts</p>	<p>See Section for each Key Environmental Factor in the attached RSD</p>
<p>4</p>	<p>Application of the mitigation hierarchy</p>	<p>See Section for each Key Environmental Factor in the attached RSD</p>
<p>5</p>	<p>Assessment and significance of residual impacts</p>	<p>See Section for each Key Environmental Factor in the attached RSD</p>
<p>6</p>	<p>Likely environmental outcomes</p>	<p>See Section for each Key Environmental Factor in the attached RSD</p>
<p>Holistic impact assessment</p>		
<p>Please see Section 15 of the accompanying RSD for details.</p>		
<p>Cumulative environmental impact assessment</p>		
<p>Please see Section 12 of the accompanying RSD for details.</p>		
<p>Consultation</p>		
<p>Please see Table 5-2 in the accompanying RSD for details.</p>		
<p>Supporting documents</p> <p>APPENDIX A: MinRes Environmental Policy APPENDIX B: Flora & Vegetation Management Plan APPENDIX C: Flora & Vegetation Survey Reports APPENDIX D: Database Search Results APPENDIX E: Significant Fauna Management Plan</p>		

APPENDIX F: Terrestrial Fauna Survey Reports
 APPENDIX G: Likelihood Of Occurrence Criteria
 APPENDIX H: Likelihood Of Occurrence Assessment
 APPENDIX I: SRE Status Classification
 APPENDIX J: Subterranean Fauna Survey Reports
 APPENDIX K: Surface Water Management Plan
 APPENDIX L: Inland waters Survey Reports
 APPENDIX M: Traffic Impact Assessment
 APPENDIX N: Greenhouse Gas Emissions Calculations

Has the referrer provided survey information according to the Instructions and Form: IBSA Data Packages and/or the Instructions and form: IMSA Data Packages	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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Conclusion

Do you consider the proposal may have a significant effect on the environment?

The Lamb Creek Iron Ore Mine will not have a significant impact on the environment or the Key Environmental Factors as listed above.

MinRes is designing the Proposal to achieve the preliminary environmental outcomes as included in the attached referral supporting document with the intent of reducing the residual impacts to acceptable levels. Residual impacts relate to the clearing of 650 ha of native vegetation. MinRes considers that this residual impact can be managed via the Native Vegetation Clearing Permit process in accordance with Part V s 51(2)(b) of the EP Act and in alignment with the native vegetation clearing principles in accordance with Schedule 5 cl 1 of the EP Act

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)	Please see Table 4-2 in the RSD
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).	Please see Table 4-2 in the RSD

Tenure and Local Government approvals	
Location of proposal: 1. street address, lot number, suburb, and nearest road intersection; or 2. if remote, the nearest town and distance and direction from that town to the proposal site.	Proposal is located approximately 130 km northwest of Newman, the East Pilbara Region of Western Australia (WA)
Name of the Local Government Authority in which the proposal is located.	Shire of East Pilbara
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
What is the current land use on the property, and the extent (area in hectares) of the property?	Pastoral
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No This mining tenure overlies Juna Downs pastoral lease (LPL N050471) owned and operated by Rio Tinto Pty Ltd. In addition, portions of L47/736 overlap: <ul style="list-style-type: none"> • L021124 (Hamersley Iron Pty Ltd – Yandicoogina Rail) • E47/1790 (Hamersley Iron Pty Ltd) • E47/1329 (Hamersley Iron Pty Ltd) • ML281SA (Mitsui Iron Ore Corporation Pty Ltd, BHP Billiton Minerals Pty Ltd, Itochu Minerals and Energy of Australia Pty Ltd) PMI have applied for mining tenure for M47/1592, L47/1008, L47/736 and L47/974, which is still pending.
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Has the proposed action been referred? If yes, when was it referred and what is the reference number (EPBC No.)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Date: __04/12/2012__

	EPBC No.: 2012/6666_____
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Decision – controlled action <input checked="" type="checkbox"/> Decision – not a controlled action
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?	<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 checked="" type="checkbox"/> No Approval:
Decision-making authority referrals <u>ONLY</u>	
What approval/s, under your authority, are required for this proposal? <i>Please provide details.</i>	n/a