


# 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>			
<b>Who is referring this proposal?</b>		<input checked="" type="checkbox"/> Proponent <input type="checkbox"/> Decision-making authority <input type="checkbox"/> Community member/third party	
<b>Name:</b> David Miles <i>Name of the person or organisation referring</i>		<b>Signature</b> 	
<b>Position</b>	Vice President Site Services and Marketing	<b>Organisation</b>	SIMCOA OPERATIONS PTY LTD
<b>Email</b>	<a href="mailto:davidmiles@simcoa.com.au">davidmiles@simcoa.com.au</a>	<b>Phone</b>	(08) 97806744
<b>Address</b>	973	Marriott Road	
	WELLESLEY	WA	6233
<b>Date</b>	22/06/2022		
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, David Miles, declare that I am authorised to refer this proposal on behalf of Simcoa Operations Pty Ltd and further declare that the information contained in this form is true and not misleading.  Date: 22/06/2022			
<b>Proponent information</b>			
<b>Name of the proponent/s</b> <i>Include Trading Name if relevant</i>		SIMCOA OPERATIONS PTY LTD	
Australian Company Number(s) <input type="checkbox"/>		ACN: 009 064 653	
<b>OR</b>			
Australian Business Number(s) <input type="checkbox"/>		ABN: 42 009 064 653	
<b>Pre-referral discussions</b>			

<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><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Details of pre-referral discussion are provided in Section 1.3 and Section 9 of the Supporting Document.</p>
<p><b>Proposal information</b></p>	
<p><b>Proposal name</b></p>	<p><b>North Kiaka Project</b></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 a new quartzite mine at North Kiaka, approximately 15 km north of Moora, WA. The Proposed North Kiaka Mine is approximately 1.5-2 km NNE of the existing Moora Quartzite Mine. The Proposal is expected to generate up to 130,000 tpa of lump quartz for downstream processing at the Kemerton Silicon Smelter located in the Kemerton Strategic Industrial Area 17 km north-east of Bunbury, WA.</p> <p>The Proposed North Kiaka Mine will be open-cut and above the water table and has a predicted Life of Mine of 18 years based on current resource estimates.</p> <p>Ore mined at North Kiaka will be pre-processed (crushed and screened) at the existing Moora Quartzite Mine ahead of transport to Kemerton, as Moora Mine has an established network of power, water and roads.</p>
<p><b>Have you provided electronic spatial data, maps, and figures in the appropriate format?</b></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p><b>What type of proposal is being referred?</b></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> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> new proposal</li> <li><input type="checkbox"/> significant amendment (proposal only)</li> <li><input type="checkbox"/> significant amendment (conditions only)</li> <li><input type="checkbox"/> significant amendment (proposal and conditions)</li> </ul> <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><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.</p>	

<b>Alternatives</b>	Alternatives to the Proposal have been detailed in Section 1.7 in the s38 Supporting Document.
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## PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS

### Environmental factors

What are the likely significant environmental factors for this proposal?

- Benthic Communities and Habitat
- Coastal Processes
- Marine Environmental Quality
- Marine Fauna
- Flora and Vegetation
- Landforms
- Subterranean Fauna
- Terrestrial Environmental Quality
- Terrestrial Fauna
- Inland Waters
- Air Quality
- Greenhouse Gas Emissions
- Social Surroundings
- Human Health

For **each** of the environmental factors identified above, complete the following table, or provide the information in a supplementary report

Detailed information has been provided in the s38 Referral Supporting Document for the preliminary key environmental factors identified above.

### Potential environmental impacts – for each environmental factor

1	<b>EPA policy and guidance</b>	
2	<b>Receiving environment</b>	
3	<b>Likely environmental impacts</b>	
4	<b>Application of the mitigation hierarchy</b>	
5	<b>Assessment and significance of residual impacts</b>	
6	<b>Likely environmental outcomes</b>	

### Holistic impact assessment

Outline the holistic impact assessment for the Proposal.

A Holistic Impact Assessment for the Proposal is provided in Section 7 of the Supporting Document.

### Cumulative environmental impact assessment

Outline the relevant cumulative environmental impacts of the Proposal (based on scoping).

A Cumulative Impact Assessment for the Proposal is provided Section 8 of the Supporting Document.

### Consultation

Outline the outcomes of consultation on the Proposal and its likely environmental effects.

Please refer to Section 9 of the Supporting Document for details on Stakeholder Consultation.

### Supporting documents

Provide a list of the supporting documents	
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> IBSA Data Package has been included as Appendix R in the s38 Referral Supporting Document.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Conclusion</b>	
Do you consider the proposal may have a significant effect on the environment? Clearing required to develop the Proposal is expected to result in the following significant residual impacts:	
<ul style="list-style-type: none"> <li>- Direct loss of 17.12 ha of Coomberdale TEC (including 16.45 ha of core and buffer vegetation alliances in Very Good to Degraded condition)</li> <li>- Direct loss of 15.58 ha of potential foraging habitat for Carnaby's Black Cockatoo (<i>Calyptrorhynchus latirostris</i>) [species listed Endangered under EPBC Act]</li> <li>- Direct loss of 16 Watheroo Wattle (<i>Acacia aristulata</i>) Threatened flora individuals in habitat that is of 'good to poor' condition [species listed Endangered under EPBC Act]</li> <li>- Direct loss of 15 <i>Daviesia dielsii</i> Threatened flora individuals in habitat that is of 'good to poor' condition [species listed Endangered under EPBC Act]</li> <li>- Direct loss of two populations of <i>Diuris recurva</i> (Priority 4)</li> <li>- Direct loss of one population of <i>Regelia megadephala</i> (Priority 4).</li> </ul>	
A suitable offset is proposed to sufficiently counterbalance significant residual impacts of the Proposal and is discussed in Section 5.	

<b>PART C: OTHER APPROVALS AND REGULATION</b>	
<b>Decision-making authorities and their approvals</b>	
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)	Other approvals / decision making authorities (DMAs) have been identified in Table 2.1 (Section 2.1) of the Supporting Document (as per the example table at the end of the form).
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).	A summary of whether and how statutory decision-making process can mitigate impacts on the environment, has been included in Table 2.1 (Section 2.1) of the Supporting Document.
<b>Tenure and Local Government approvals</b>	
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.	M70/1292 15 km north of the Moora Township
Name of the Local Government Authority in which the proposal is located.	Shire of Moora

<p>Is rezoning of any land required before the proposal can be implemented? If yes, please provide details.</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>What is the current land use on the property, and the extent (area in hectares) of the property?</p>	<p>The primary land use of the Proposal DE and the surrounding region is broad-acre agriculture; hence the majority of the DE is cleared of native vegetation. Remnant native vegetation within the Proposal DE grows in association with the outcropping Noondine Chert formation (the resource). Refer to Table 3.6 of the Supporting Document.</p> <p>The Proposal Development Envelope (DE) is 216.42 ha, within which up to 44.59 ha of disturbance is proposed in order to establish an open-cut mine pit, waste rock dump (WRD), support infrastructure, and connecting haul roads. Native vegetation clearing will be limited 17.12 ha and is only required to develop the mine pit and a small portion of the adjoining haul road and infrastructure area.</p>
<p>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></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Please refer to Section 1.4 of the Supporting Document for details of land tenure and ownership.</p>
<p><b>Commonwealth Government approvals</b></p>	
<p>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)?</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Has the proposed action been referred? If yes, when was it referred and what is the reference number (EPBC No.)?</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Date: November 2021 EPBC No: 2021/9089</p>
<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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" 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 checked="" type="checkbox"/> Yes - Bilateral <input type="checkbox"/> No <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                      <input checked="" type="checkbox"/> No Approval:</p>
<p><b>Decision-making authority referrals <u>ONLY</u></b></p>	
<p>What approval/s, under your authority, are required for this proposal? <i>Please provide details.</i></p>	<p>NA</p>