




# Environmental Protection Authority

EPA Referral Form

## 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 Bruce Maluish		Signature 	
Position	Managing Director	Organisation	VRX Silica Limited
Email	<a href="mailto:BruceM@VRXSilica.com.au">BruceM@VRXSilica.com.au</a>		
Address	Level 1, 6	Thelma Street	
	West Perth	WA	6005
Date	08/09/2021		
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, Bruce Maluish, declare that I am authorised to refer this proposal on behalf of VRX Silica Limited 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)		VRX Silica Limited	
Australian Company Number(s) <input type="checkbox"/> <b>OR</b> Australian Business Number(s) <input checked="" type="checkbox"/>		59 142 014 873	
Contact for the proposal (if different from the referrer) <i>Please include: name, physical address, phone, and email.</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No L 70/198 M 70/1392 L 70/202	

<i>If no, what authorisations / agreements / tenure is required and from whom?</i>	L 70/203
<b>Proposal type</b>	
<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>For a derived proposal please state the Ministerial Statement number (MS No.) of the associated strategic proposal</p>	<input checked="" type="checkbox"/> significant – new proposal <input type="checkbox"/> significant – change to approved proposal (MS No./s: _____) <input type="checkbox"/> proposal under an assessed planning scheme <input type="checkbox"/> strategic <input type="checkbox"/> derived (Strategic MS No.: _____)
<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>The Proposal is deemed significant as it has the potential to result in significant impacts to the Following Key Environmental Factors:</p> <ul style="list-style-type: none"> <li>Flora and Vegetation;</li> <li>Terrestrial Fauna;</li> <li>Inland Waters; and</li> <li>Social Surrounds</li> </ul> <p>An assessment of the Proposal and its potential impacts on other factors is provided in the Supporting 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>	N/A
<b>Proposal description</b>	
Title of the proposal	Arrowsmith Central Silica Sand Project
Name of the Local Government Authority in which the proposal is located.	Shire of Irwin
<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>	The Proposal is located approximately 260 km north of Perth and lies primarily within mining lease M 70/1392 held by Ventnor Mining Pty Ltd a 100% owned subsidiary of VRX Silica Ltd. The regional location of the Proposal is shown in Figure 1 of the Supporting Document.
<p>Proposal description – including the key characteristics of the proposal</p> <p><i>Provide as an attachment to the form</i></p>	Refer to Part A of the Supporting Document.
<p>Have you provided electronic spatial data, maps and figure in the appropriate format?</p> <p><i>Refer to instructions at the front of the form</i></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<p>What is the current land use on the property, and the extent (area in hectares) of the property?</p>	<p>The current land use within the development envelope is predominantly underlying Unallocated Crown Land, Mining Act 1978 (WA) Leases and Licences. The Proposal also has minor intersections with:</p> <ul style="list-style-type: none"> <li>• Rail Reserve (R 39745); and</li> <li>• Road reserve (the Brand Highway, Land ID number: 3728866)</li> </ul> <p>The Development Envelope has an area of 1,569 ha.</p>
<p>Have you had pre-referral discussions with the EPA at DWER Services? If so, quote the reference number and/or the DWER contact.</p>	<p>Yes, a pre-referral meeting was held with the EPA at DWER Services on the 9<sup>th</sup> November 2019.</p> <p>The Proposal was presented to the EPA on the 1<sup>st</sup> of August 2019.</p>

## Part B: Environmental impacts

### Environmental factors

<p>What are the likely significant environmental factors for this proposal?</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Benthic Communities and Habitat</li> <li><input type="checkbox"/> Coastal Processes</li> <li><input type="checkbox"/> Marine Environmental Quality</li> <li><input type="checkbox"/> Marine Fauna</li> <li><input checked="" type="checkbox"/> Flora and Vegetation</li> <li><input type="checkbox"/> Landforms</li> <li><input type="checkbox"/> Subterranean Fauna</li> <li><input type="checkbox"/> Terrestrial Environmental Quality</li> <li><input checked="" type="checkbox"/> Terrestrial Fauna</li> <li><input checked="" type="checkbox"/> Inland Waters</li> <li><input type="checkbox"/> Air Quality</li> <li><input type="checkbox"/> Greenhouse Gas Emissions</li> <li><input checked="" type="checkbox"/> Social Surroundings</li> <li><input type="checkbox"/> Human Health</li> </ul>
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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

1	<b>EPA Factor</b>	<p>Please refer to the Supporting Document.</p>
2	<b>EPA policy and guidance</b> - What have you considered and how have you applied them in relation to this factor?	
3	<b>Consultation</b> – Outline the outcomes of consultation in relation to the potential environmental impacts	
4	<b>Receiving environment</b> – Describe the current condition of the receiving environment in relation to this factor.	
5	<b>Proposal activities</b> – Describe the proposal activities that have the potential to impact the environment	

6	<b>Mitigation</b> – Describe the measures proposed to manage and mitigate the potential environmental impacts.	
7	<b>Impacts</b> – Assess the impacts of the proposal and review the residual impacts against the EPA objective.	
8	<b>Assumptions</b> - Describe any assumptions critical to your assessment e.g. particular mitigation measures or regulatory conditions.	

## Part C: Other approvals and regulation

### State and Local Government approvals

Is rezoning of any land required before the proposal can be implemented?

Yes

No

If yes, please provide details.

If this proposal has been referred by a decision-making authority, what approval(s) are required from you?

N/A

Please identify other approvals required for the proposal:

Proposal activities	Land tenure / access	Type of approval	Legislation regulating the activity
All activities	Mining Act tenure L70/198, M70/1392, L70/202 and L70/203	Part IV approval	<i>Environmental Protection Act 1986</i> (EP Act; Part IV)
		<i>Environmental Protection and Biodiversity Conservation Act 1999</i> (EPBC Act) approval	EPBC Act
		Mining Proposal	<i>Mining Act 1978</i> (WA)
Silica sand screening and processing	Mining Act tenure L70/198, M70/1392, L70/202 and L70/203	Works Approval and Licence	EP Act (Part V)
Groundwater abstraction	Mining Act tenure L70/198, M70/1392, L70/202 and L70/203	5C Licence	<i>Rights in Water and Irrigation Act 1914</i> (RIWI Act)
Disturbance of Aboriginal Heritage sites (if unavoidable)	Mining Act tenure M70/1392, L70/202 and L70/203	Section 18 consent if any Heritage sites are unavoidable	<i>Aboriginal Heritage Act 1972</i> (AH Act; WA)
Closure and rehabilitation of all activities	Mining Act tenure L70/198, M70/1392, L70/202 and L70/203	Mine Closure Plan (MCP)	<i>Mining Act 1978</i> (WA)
Storage of dangerous goods (e.g. diesel) on site	Mining Act tenure L70/198, M70/1392, L70/202 and L70/203	Dangerous Goods Site Licence Security Risk Substance Storage Licence	<i>Dangerous Goods Safety Act 2004</i> (WA)
Transport of product on Eneabba/Geraldton railway	Rail reserve	Access Agreement	N/A
Transport of product by rail contractor	Rail access	Operating Agreement	N/A
Safety Management	L70/198, M70/1389 and other Mining Act tenure	Project Management Plan	<i>Mines Safety and Inspection Act 1994</i> (WA)
Sewage storage / treatment	L70/198, M70/1389	Approval to construct or install an apparatus for the treatment of sewage	<i>Health Act 1911</i> (WA)

## Part C: Other approvals and regulation

### State and Local Government approvals

### 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 <input type="checkbox"/> No
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
If the proposal is determined to be 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 checked="" 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: