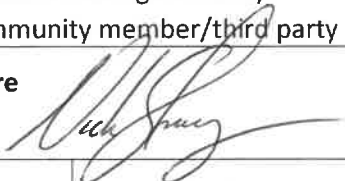
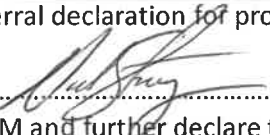


Form

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 Nickolas Strong <i>Name of the person or organisation referring</i>		Signature 		
Position	General Manager	Organisation	Kalgoorlie Consolidated Gold Mines	
Email	nstrong@nsrltd.com	Phone	90221880	
Address	PMB27			
	Kalgoorlie	WA	6433	
Date	4/10/22			
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 checked="" type="checkbox"/> Yes <input 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,  declare that I am authorised to refer this proposal on behalf of KCGM and further declare that the information contained in this form is true and not misleading.				
Date: 4/10/22.				
Proponent information				
Name of the proponent/s <i>Include Trading Name if relevant</i>		Kalgoorlie Consolidated Gold Mines		
Australian Company Number(s) <input type="checkbox"/>		97 009 377 619		
OR				
Australian Business Number(s) <input checked="" type="checkbox"/>				
Pre-referral discussions				
Have you had pre-referral discussions with the EPA (including the EPA Services of DWER)?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

If so, provide name, date, and overview of discussions.	11 May 2022 Meeting with Natalie McAlpine, Anna Valikovs and Helen Butterworth. Discussed proposed Revised Proposal, Early Works Application, confidentiality around location of Priority 1 butterfly species, <i>Jalmenus aridus</i> .
Proposal information	
Proposal name	Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning: Revised Proposal - Fimiston South Project.
What is the proposal? (Include general description in the Instructions and template: How to identify the content of a proposal)	Proposal to Expand the Fimiston Open Pit, construct new Tailings Storage Facilities and expand the Waste Rock Dump as described in Appendix A.
Have you provided electronic spatial data, maps, and figures in the appropriate format?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
What type of proposal is being referred? <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 type="checkbox"/> new proposal <input type="checkbox"/> significant amendment (proposal only) <input type="checkbox"/> significant amendment (conditions only) <input checked="" 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
Proposal content: 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.	
Alternatives	The alternative is to close the Fimiston mine after the current approved operation ceases, with significant impacts to the Kalgoorlie-Boulder Community.

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
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	<input type="checkbox"/> Landforms <input type="checkbox"/> Subterranean Fauna <input checked="" type="checkbox"/> Terrestrial Environmental Quality <input checked="" type="checkbox"/> Terrestrial Fauna <input checked="" type="checkbox"/> Inland Waters <input checked="" type="checkbox"/> Air Quality <input type="checkbox"/> Greenhouse Gas Emissions <input checked="" type="checkbox"/> Social Surroundings <input type="checkbox"/> Human Health												
For each of the environmental factors identified above, complete the following table, or provide the information in a supplementary report													
Potential environmental impacts – for each environmental factor													
1	<table border="1"> <tr> <td>EPA policy and guidance</td> <td>Refer to attached report</td> </tr> <tr> <td>Receiving environment</td> <td>Refer to attached report</td> </tr> <tr> <td>Likely environmental impacts</td> <td>Refer to attached report</td> </tr> <tr> <td>Application of the mitigation hierarchy</td> <td>Refer to attached report</td> </tr> <tr> <td>Assessment and significance of residual impacts</td> <td>Refer to attached report</td> </tr> <tr> <td>Likely environmental outcomes</td> <td>Refer to attached report</td> </tr> </table>	EPA policy and guidance	Refer to attached report	Receiving environment	Refer to attached report	Likely environmental impacts	Refer to attached report	Application of the mitigation hierarchy	Refer to attached report	Assessment and significance of residual impacts	Refer to attached report	Likely environmental outcomes	Refer to attached report
EPA policy and guidance	Refer to attached report												
Receiving environment	Refer to attached report												
Likely environmental impacts	Refer to attached report												
Application of the mitigation hierarchy	Refer to attached report												
Assessment and significance of residual impacts	Refer to attached report												
Likely environmental outcomes	Refer to attached report												
Holistic impact assessment													
<p>KCGM considers the following to be the most relevant holistic impacts:</p> <ul style="list-style-type: none"> • Potential for dust generation and blast impacts to the community and environment. • Vegetation clearing and loss of habitat <p>None of these additional effects are likely to have a significant residual impact on the environment greater than the existing, operating mine.</p>													
Cumulative environmental impact assessment													
<p>The addition of 1,868ha of clearing for the FS Project will increase this to 5,841ha of 0.09% of the total area of native vegetation in the Shire. As 99.7% of the Shire will remain vegetated, the cumulative impacts of this clearing on flora, vegetation and fauna in Kalgoorlie-Boulder are not anticipated to be significant.</p> <p>Noise and dust emissions calculated above take into account the existing noise and dust environment in Kalgoorlie and are thus considered cumulative emissions.</p> <p>Cumulative blasting impacts together with Mt Charlotte are not anticipated to increase from the current scenario, as the frequency of blasting at Fimiston is not anticipated to increase.</p>													
Consultation													
<p>The Proposal is viewed favourably by a large portion of the Kalgoorlie-Boulder population as it brings jobs and opportunities. Residents are typically concerned about noise, dust and vibration impacts from the mine. The Proposal demonstrates that these factors can be effectively managed in the Fimiston South Project.</p>													
Supporting documents													
<ul style="list-style-type: none"> • Proposal Content Document • Mine Closure Plan 													

<ul style="list-style-type: none"> • Social Impact Assessment • Letters of Support • Air Quality Management Plan • Noise and Vibration Monitoring Management Plan • Air Quality Impact Assessment • Fimiston South Screening Health Risk Assessment • Fimiston Open Pit Modification Acoustic Assessment • Prediction of Blast-Induced Ground Vibration and Air Overpressure • Aboriginal Cultural Heritage Management Plan • Flyrock Control for Fimiston South Project • Flora and Vegetation and Fauna Surveys for Proposed Infrastructure within the Development Envelope of the Fimiston Gold Mine Operations • Targeted Flora and Short Range Endemic Invertebrate Survey for the FIM IIE Project • Post-fieldtrip Findings for Targeted Regional Survey for <i>Eremophila praecox</i> • Flora and Vegetation Assessments for the Fimiston Gold Mine Operations • Significant Species Management Plan • Terrestrial Fauna Assessment for the Fimiston Gold Mine Operations • Fimiston survey for <i>Camponotus</i> sp. nr. <i>terebrans</i> • Records of <i>Jalmenus aridus</i> at Fimiston CONFIDENTIAL • Hydrological Assessment of Eastern Floodway • Hydrological Assessment of the <i>Jalmenus aridus</i> Habitat CONFIDENTIAL • KCGM Fimiston Operations: Site-Wide Water Balance and Pit Lake Geochemistry • Compliance Documents • Greenhouse Gas Management Plan 	
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
Conclusion	
With the mitigation measures in place, KCGM does not consider that the Proposal will have a significant impact on the environment.	

PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS <u>FOR SIGNIFICANT AMENDMENTS ONLY</u>	
Type of significant amendment	<input checked="" type="checkbox"/> significant amendment to the approved proposal <input type="checkbox"/> significant amendment to the implementation conditions <input type="checkbox"/> significant amendment to both the proposal and the implementation conditions
Information of the approved proposal	Ministerial Statement 782 Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning

Combined effects of the approved proposal and significant amendment	<p>Appropriate environmental studies and modelling have been conducted to ensure potential impacts are well understood and managed.</p> <p>An additional 1,868ha of clearing is required to implement the Revised Proposal. None of the vegetation types to be cleared are considered regionally significant. It is therefore unlikely that there will be any impacts to regional vegetation. The terrestrial fauna habitats proposed for clearing are well represented throughout the Goldfields Regions.</p> <p>Existing air quality and noise/vibration management plans are in place to manage social impacts.</p>
Analysis of existing implementation conditions	Some existing conditions require review; the majority of existing conditions are still pertinent
Previous changes to the Proposal and or implementation conditions	There have been 7 revisions of MS782
Compliance	KCGM have achieved compliance with the existing MS 782, as evidenced in the annual compliance assessment report
Environmental Performance	KCGM have a sound track record of compliance, as demonstrated in the 5 year performance reports
Control of implementation of significant amendment	Existing controls, including existing/ amended Management Plans are adequate to control the amendment. Two additional management plans has been provided.

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 table below.
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).	Refer table below.

Tenure and Local Government approvals

Location of proposal: a) street address, lot number, suburb, and nearest road intersection; or	Crown Land, Land ID No. 3098513, cnr Goldfields Hwy and Burt St, Fimiston.
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b) if remote, the nearest town and distance and direction from that town to the proposal site.	
Name of the Local Government Authority in which the proposal is located.	City of Kalgoorlie-Boulder
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?	Mining, ore processing and ancillary services 5916 Ha.
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 <input type="checkbox"/> No Freehold land and mining lease of Crown Land.
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 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 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>	

Table: Other approvals

Decision-making authority	Legislation or Agreement regulating the activity	Approval required (and specify which proposal element the approval is related to)	Whether and how statutory decision-making process can mitigate impacts on the environment? (Yes/No and summary of reasons. Include a separate line item for each relevant impact, and discuss how the EPA's factor objective will be met)
Department of Minerals, Industry Regulation and Safety (DMIRS)	<i>Mining Act 1979</i>	Mining Proposal and Mine Closure Plan for whole Proposal.	Yes. Landform – governs expectations and criteria for closure. Noise- requirement for Environmental Noise Bund.
Department of Water and Environmental Regulation (DWER)	<i>Rights in Water and Irrigation Act 1914</i>	Licence to Take Groundwater for Dewatering	Yes Inland waters – sets criteria for groundwater levels on the site.
DWER	<i>Environmental Protection Act 1986- Part V</i>	Works Approval for Tailings Storage Facilities (TSFs)	Yes. Landform – governs expectations and criteria for closure. Inland waters – sets criteria for water management within TSFs. Air Quality – Addresses dust management requirements for TSFs.