




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 Leigh Wardell-Johnson		Signature 	
Position	Manager, Technical Development	Organisation	Tungsten Mining NL
Email	leigh@tungstenmining.com		
Address	97	Outram Street	
	West Perth	WA	6005
Date	29 May 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	
Referral declaration for organisations, proponents and decision-making authorities: I,Leigh Wardell-Johnson....., (<i>full name</i>) declare that I am authorised to refer this proposal on behalf of.....Tungsten Mining NL..... 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)		Tungsten Mining NL	
Australian Company Number(s)	<input checked="" type="checkbox"/>	152 084 403	
OR Australian Business Number(s)	<input type="checkbox"/>		
Contact for the proposal (if different from the referrer) <i>Please include: name; physical address; phone; and email.</i>	Sharon Arena – Animal Plant Mineral Pty Ltd 3/25 The Broadway Ellenbrook WA 6069 Phone: 0419 934 461 Email: Sharon@animalplantmineral.com.au		
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 /</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No The proposed project is within M59/425 and M59/387 which are held by Minjar Gold Pty		

<p><i>agreements/tenure.</i> <i>If no, what authorisations/agreements/tenure is required and from whom?</i></p>	<p>Ltd (Minjar). In an agreement with Minjar, Tungsten Mining NL has 100% of the tungsten and molybdenum rights for this tenement. Refer to Appendix 1 of <i>EPA Referral Support Document</i> (Attachment 1).</p>
<p>Proposal type</p>	
<p>What type of proposal is being referred? 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>	<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>
<p>For a significant proposal:</p> <ul style="list-style-type: none"> Why do you consider the proposal may have a significant effect on the environment and warrant referral to the EPA? 	<p>Refer to Section 5.2 of the <i>EPA Referral Supporting Document</i> for assessment of the key environmental factors and potential impacts.</p>
<p>For a proposal under an assessed planning scheme, provide the following details:</p> <ul style="list-style-type: none"> Scheme name and number <p>For the Responsible Authority:</p> <ul style="list-style-type: none"> What new environmental issues are raised by the proposal that were not assessed during the assessment of the planning scheme? How does the proposal not comply with the assessed scheme and/or the environmental conditions in the assessed planning scheme? 	<p>N/A</p>
<p>Proposal description</p>	
<p>Title of the proposal</p>	<p>Mt Mulgine Project (MMP)</p>
<p>Name of the Local Government Authority in which the proposal is located.</p>	<p>Shire of Perenjori</p>
<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>	<p>The MMP is located in the Murchison region of Western Australia (WA) approximately 330 km north east of Perth. The MMP area can be accessed from the Warriedar Copper Mine Road.</p> <p>The MMP is situated on tenements: M59/387 and M59/425.</p> <p>See Figure 1-1 of the <i>EPA Referral Supporting Document</i>, for a location map of the Project area.</p>
<p>Proposal description – including the key characteristics of the proposal</p> <p><i>Provide as an attachment to the form</i></p>	<p>The MMP will be comprised of open pits, processing plant, office and workshop facilities, water storage facilities, run-of-mine (ROM) pad, waste rock landforms (WRLs) and tailings storage facility (TSF).</p> <p>A complete overview of the proposal is provided as Section 2 of the <i>EPA Referral Supporting Document</i>.</p>

<p>Have you provided electronic spatial data, maps and figure in the appropriate format? <i>Refer to instructions at the front of the form</i></p>	<p>x Yes <input 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 MMP area is partially located within the former Warriedar pastoral station, which is now managed by DPaW for conservation purposes.</p> <p>The MMP will be conducted on Mining Leases M59/387 and M59/425. These tenements have been impacted by historic mining activities and more recently, mining activities by Minjar.</p> <p>The combined area of these tenements 1,825 ha. It is proposed that the MMP will disturb approximately 146.21 ha within a 301 ha development envelope.</p>
<p>Have you had pre-referral discussions with the OEPA? If so, quote the reference number and/or the OEPA contact.</p>	<p>Meeting held with Robert Hughes and Helen Butterworth (09/02/2017).</p>
<p>Part B: Environmental impacts</p>	
<p>Environmental factors</p>	
<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 <input checked="" type="checkbox"/> Flora and Vegetation <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"/> Hydrological Processes <input checked="" type="checkbox"/> Inland Waters Environmental Quality <input type="checkbox"/> Air Quality <input checked="" type="checkbox"/> Social Surroundings <input type="checkbox"/> Human Health
<p><i>For <u>each</u> of the environmental factors identified above, complete the following table, or provide the information in a supplementary report</i></p> <p>Refer to Sections 3 and 5 of the <i>EPA Referral Supporting Document (Attachment 1)</i>.</p>	

Potential environmental impacts		
1	EPA Factor	Flora and Vegetation
2	<p>EPA policy and guidance - What have you considered and how have you applied them in relation to this factor?</p>	<p>KEY DOCUMENTS</p> <ul style="list-style-type: none"> - <i>Statement of Environmental Principles, Factors and Objectives.</i> - <i>Environmental Impact Assessment (Part IV Divisions 1 and 2) Administrative Procedures 2016.</i> - <i>Environmental Impact Assessment (Part IV Divisions 1 and 2) Procedures Manual 2016.</i> <p>RELEVANT FACTOR GUIDELINE</p> <ul style="list-style-type: none"> - Environmental Factor Guideline: <i>Flora and Vegetation.</i> <p>RELEVANT TECHNICAL GUIDANCE</p> <ul style="list-style-type: none"> - Technical Guidance: <i>Flora and Vegetation Surveys for Environmental Impact Assessment.</i> <p>OTHER POLICY & GUIDANCE</p> <ul style="list-style-type: none"> - Government of Western Australia (2011) <i>WA Environmental Offsets Policy.</i> - Government of Western Australia (2014) <i>WA Environmental Offsets Guidelines.</i> - DoE. How to use the Offsets Assessment Guide: http://www.environment.gov.au/system/files/resources/12630bb4-2c10-4c8e-815f-2d7862bf87e7/files/offsets-how-use.pdf. - DMP and EPA (2015) <i>Guidelines for Preparing Mine Closure Plans.</i> - Environmental Protection Bulletin No. 20: <i>Protection of Naturally Vegetated Areas Through Planning and Development</i> - Guidance Statement No. 6: <i>Rehabilitation of Terrestrial Ecosystems</i> <p>Surveys have been conducted in accordance with EPA Guidelines. Key documents and Factor Guidelines have been considered when identifying the impacts, defining the development envelope and determining mitigation strategies of the Proposal.</p> <p>Further detail is provided in the <i>EPA Referral Supporting Document.</i></p>

3	Consultation – Outline the outcomes of consultation in relation to the potential environmental impacts	Refer to Section 4 of the <i>EPA Referral Supporting Document</i> .
4	Receiving environment - Describe the current condition of the receiving environment in relation to this factor.	Details are provided in Section 3.4 of the <i>EPA Referral Supporting Document</i> .
5	Proposal activities – Describe the proposal activities that have the potential to impact the environment	Details are provided in Section 2 and 5.2 of the <i>EPA Referral Supporting Document</i> .
6	Mitigation - Describe the measures proposed to manage and mitigate the potential environmental impacts.	Mitigation measures are provided in Table 5.4 of the <i>EPA Referral Supporting Document</i> .
7	Impacts - Assess the impacts of the proposal and review the residual impacts against the EPA objective.	Impacts are provided in Table 5.3 of the <i>EPA Referral Supporting Document</i> .
8	Assumptions - Describe any assumptions critical to your assessment <i>e.g. particular mitigation measures or regulatory conditions</i> .	Critical assumptions include: <ul style="list-style-type: none"> • Previous and current biological surveys have identified conservation significant species that may have the potential to exist within the Project area. Further flora survey work will be undertaken following significant rainfall in 2017 to confirm the presence or absence of conservation species.

Potential environmental impacts		
1	EPA Factor	Terrestrial Environmental Quality
2	EPA policy and guidance - What have you considered and how have you applied them in relation to this factor?	<p>KEY DOCUMENTS</p> <ul style="list-style-type: none"> - <i>Statement of Environmental Principles, Factors and Objectives.</i> - <i>Environmental Impact Assessment (Part IV Divisions 1 and 2) Administrative Procedures 2016.</i> - <i>Environmental Impact Assessment (Part IV Divisions 1 and 2) Procedures Manual 2016.</i> <p>RELEVANT FACTOR GUIDELINE</p> <ul style="list-style-type: none"> - Environmental Factor Guideline: <i>Terrestrial Environmental Quality.</i> <p>Key documents and Factor Guidelines have been considered when identifying the impacts and determining mitigation strategies for the Proposal.</p>

Potential environmental impacts		
		Further detail is provided in the <i>EPA Referral Supporting Document</i> .
3	Consultation – Outline the outcomes of consultation in relation to the potential environmental impacts	Refer to Section 4 of the <i>EPA Referral Supporting Document</i> .
4	Receiving environment - Describe the current condition of the receiving environment in relation to this factor.	Details are provided in Section 3.6 of the <i>EPA Referral Supporting Document</i> .
5	Proposal activities – Describe the proposal activities that have the potential to impact the environment	Details are provided in Section 2 and 5.2 of the <i>EPA Referral Supporting Document</i> .
6	Mitigation - Describe the measures proposed to manage and mitigate the potential environmental impacts.	Mitigation measures are provided in Table 5.4 of the <i>EPA Referral Supporting Document</i> .
7	Impacts - Assess the impacts of the proposal and review the residual impacts against the EPA objective.	Impacts are provided in Table 5.3 of the <i>EPA Referral Supporting Document</i> .
8	Assumptions - Describe any assumptions critical to your assessment <i>e.g. particular mitigation measures or regulatory conditions</i> .	<p>Critical assumptions include:</p> <ul style="list-style-type: none"> • Identification and remediation, if required, of contaminated sites upon closure. • Management of PAF material in accordance with a PAF management plan. • Bunding of low grade ore stockpiles. • Frequent inspection and appropriate bunding of tailings pipelines. • Appropriate storage of hydrocarbons and dangerous goods.

Potential environmental impacts		
1	EPA Factor	Terrestrial Fauna
2	EPA policy and guidance - What have you considered and how have you applied them in relation to this factor?	<p>KEY DOCUMENTS</p> <ul style="list-style-type: none"> - <i>Statement of Environmental Principles, Factors and Objectives.</i> - <i>Environmental Impact Assessment (Part IV Divisions 1 and 2) Administrative Procedures 2016.</i> - <i>Environmental Impact Assessment (Part IV Divisions 1 and 2) Procedures Manual 2016.</i> <p>RELEVANT FACTOR GUIDELINE</p> <ul style="list-style-type: none"> - Environmental Factor Guideline:

Potential environmental impacts		
		<p><i>Terrestrial Fauna.</i></p> <p>RELEVANT TECHNICAL GUIDANCE</p> <ul style="list-style-type: none"> - Technical Guidance – <i>Sampling methods for terrestrial vertebrate fauna.</i> - Technical Guidance – <i>Terrestrial fauna surveys.</i> <p>Key documents and Factor Guidelines have been considered when conducting surveys, identifying the impacts, defining the development envelope and determining mitigation strategies for the Proposal.</p> <p>Further detail is provided in the <i>EPA Referral Supporting Document.</i></p>
3	Consultation – Outline the outcomes of consultation in relation to the potential environmental impacts	Refer to Section 4 of the <i>EPA Referral Supporting Document.</i>
4	Receiving environment - Describe the current condition of the receiving environment in relation to this factor.	Details are provided in Section 3.5.1 of the <i>EPA Referral Supporting Document.</i>
5	Proposal activities – Describe the proposal activities that have the potential to impact the environment	Details are provided in Section 2 and 5.2 of the <i>EPA Referral Supporting Document.</i>
6	Mitigation - Describe the measures proposed to manage and mitigate the potential environmental impacts.	Mitigation measures are provided in Table 5.4 of the <i>EPA Referral Supporting Document.</i>
7	Impacts - Assess the impacts of the proposal and review the residual impacts against the EPA objective.	Impacts are provided in Table 5.3 of the <i>EPA Referral Supporting Document.</i>
8	Assumptions - Describe any assumptions critical to your assessment <i>e.g. particular mitigation measures or regulatory conditions.</i>	<p>Critical assumptions include:</p> <ul style="list-style-type: none"> • No disturbance to critical habitat for the Western Spiny-tailed Skink and Shield-backed Trapdoor Spider.

Potential environmental impacts		
1	EPA Factor	Hydrological Processes
2	EPA policy and guidance - What have you considered and how have you applied them in relation to this factor?	<p>KEY DOCUMENTS</p> <ul style="list-style-type: none"> - <i>Statement of Environmental Principles, Factors and Objectives.</i> - <i>Environmental Impact Assessment (Part IV Divisions 1 and 2) Administrative Procedures 2016.</i>

Potential environmental impacts		
		<p>- <i>Environmental Impact Assessment (Part IV Divisions 1 and 2) Procedures Manual 2016.</i></p> <p>RELEVANT FACTOR GUIDELINE</p> <p>- Environmental Factor Guideline – <i>Hydrological Processes.</i></p> <p>Key documents and Factor Guidelines have been considered when identifying the impacts and determining mitigation strategies for the Proposal.</p> <p>Further detail is provided in the <i>EPA Referral Supporting Document.</i></p>
3	Consultation – Outline the outcomes of consultation in relation to the potential environmental impacts	Refer to Section 4 of the <i>EPA Referral Supporting Document.</i>
4	Receiving environment - Describe the current condition of the receiving environment in relation to this factor.	Details are provided in Section 3.8 of the <i>EPA Referral Supporting Document.</i>
5	Proposal activities – Describe the proposal activities that have the potential to impact the environment	Details are provided in Section 2 and 5.2 of the <i>EPA Referral Supporting Document.</i>
6	Mitigation - Describe the measures proposed to manage and mitigate the potential environmental impacts.	Mitigation measures are provided in Table 5.4 of the <i>EPA Referral Supporting Document.</i>
7	Impacts - Assess the impacts of the proposal and review the residual impacts against the EPA objective.	Impacts are provided in Table 5.3 of the <i>EPA Referral Supporting Document.</i>
8	Assumptions - Describe any assumptions critical to your assessment <i>e.g. particular mitigation measures or regulatory conditions.</i>	<p>Critical assumptions include:</p> <ul style="list-style-type: none"> • At the end of the mine life, all natural drainage processes will be reinstated.

Potential environmental impacts		
1	EPA Factor	Inland Waters Environmental Quality
2	EPA policy and guidance - What have you considered and how have you applied them in relation to this factor?	<p>KEY DOCUMENTS</p> <p>- <i>Statement of Environmental Principles, Factors and Objectives.</i></p> <p>- <i>Environmental Impact Assessment (Part IV Divisions 1 and 2) Administrative Procedures 2016.</i></p> <p>- <i>Environmental Impact Assessment (Part IV Divisions 1 and 2) Procedures Manual 2016.</i></p>

Potential environmental impacts		
		<p>RELEVANT FACTOR GUIDELINE</p> <ul style="list-style-type: none"> - Environmental Factor Guideline – <i>Inland Waters Environmental Quality.</i> <p>Key documents and Factor Guidelines have been considered when identifying the impacts and determining the mitigation strategies for the Proposal.</p> <p>Further detail is provided in the <i>EPA Referral Supporting Document.</i></p>
3	Consultation – Outline the outcomes of consultation in relation to the potential environmental impacts	Refer to Section 4 of the <i>EPA Referral Supporting Document.</i>
4	Receiving environment - Describe the current condition of the receiving environment in relation to this factor.	Details are provided in Section 3.8 of the <i>EPA Referral Supporting Document.</i>
5	Proposal activities – Describe the proposal activities that have the potential to impact the environment	Details are provided in Section 2 and 5.2 of the <i>EPA Referral Supporting Document.</i>
6	Mitigation - Describe the measures proposed to manage and mitigate the potential environmental impacts.	Mitigation measures are provided in Table 5.4 of the <i>EPA Referral Supporting Document.</i>
7	Impacts - Assess the impacts of the proposal and review the residual impacts against the EPA objective.	Impacts are provided in Table 5.3 of the <i>EPA Referral Supporting Document.</i>
8	Assumptions - Describe any assumptions critical to your assessment <i>e.g. particular mitigation measures or regulatory conditions.</i>	<p>Critical assumptions include:</p> <ul style="list-style-type: none"> • Storage of hydrocarbons in accordance with <i>AS/NZS 1940:2004.</i> • Storage and transportation of chemicals in accordance with <i>Dangerous Goods Regulations.</i> • Management of PAF material in accordance with a PAF Management Plan. • Water quality monitoring will continue to be undertaken post closure until acceptable levels are reached.

Potential environmental impacts		
1	EPA Factor	Social Surroundings
2	EPA policy and guidance - What have you considered and how have you applied them in relation to this factor?	<p>KEY DOCUMENTS</p> <ul style="list-style-type: none"> - <i>Statement of Environmental Principles, Factors and Objectives.</i> - <i>Environmental Impact Assessment (Part IV Divisions 1 and 2) Administrative Procedures 2016.</i> - <i>Environmental Impact Assessment (Part IV Divisions 1 and 2) Procedures Manual 2016.</i> <p>RELEVANT FACTOR GUIDELINE</p> <ul style="list-style-type: none"> - Environmental Factor Guideline – <i>Social Surroundings</i> <p>OTHER GUIDANCE</p> <p>Guidance Statement No. 41: <i>Assessment of Aboriginal Heritage.</i></p> <p>Key documents and Factor Guidelines have been considered when identifying the impacts, defining the development envelope and determining mitigation strategies for the Proposal.</p> <p>Further detail is provided in the <i>EPA Referral Supporting Document.</i></p>
3	Consultation – Outline the outcomes of consultation in relation to the potential environmental impacts	Refer to Section 4 of the <i>EPA Referral Supporting Document.</i>
4	Receiving environment - Describe the current condition of the receiving environment in relation to this factor.	Details are provided in Section 3.10 of the <i>EPA Referral Supporting Document.</i>
5	Proposal activities – Describe the proposal activities that have the potential to impact the environment	Details are provided in Section 2 and 5.2 of the <i>EPA Referral Supporting Document.</i>
6	Mitigation - Describe the measures proposed to manage and mitigate the potential environmental impacts.	Mitigation measures are provided in Table 5.4 of the <i>EPA Referral Supporting Document.</i>
7	Impacts - Assess the impacts of the proposal and review the residual impacts against the EPA objective.	Impacts are provided in Table 5.3 of the <i>EPA Referral Supporting Document.</i>
8	Assumptions - Describe any assumptions critical to your assessment <i>e.g. particular mitigation measures or regulatory conditions.</i>	<p>Critical assumptions include:</p> <ul style="list-style-type: none"> • All actions will be undertaken in accordance with the <i>Aboriginal Heritage Act 1972.</i>

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?			
Proposal activities e.g. clearing, dewatering, mining, processing, dredging,	Land tenure/access e.g. Crown land – LA Act, Min Act, CALM Act specify type	Type of approval e.g. Native Vegetation Clearing Permit, licence, mining proposal,	Legislation regulating the activity e.g. <i>EP Act 1986 – Part V, RiWI Act 1914, Mining Act 1979</i>
Refer to Table 2-3 of the <i>EPA Referral Supporting Document</i> .			
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Date: 6/4/2017 EPBC No.: 2017/7913	
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	
Do you request that this proposal be assessed under the bilateral agreement or as an accredited assessment?		<input type="checkbox"/> Yes - Bilateral <input checked="" 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:	