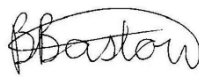




Environmental Protection Authority

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 (print) Belinda Bastow | | Signature  | |
| Position | Consulting Advisor | Organisation | Integrate Sustainability Pty Ltd |
| Email | Belinda@integratesustainability.com.au | | |
| Address | U6/11 | Colin Grove | |
| | West Perth | WA | 6005 |
| Date | 28 November 2018 | | |
| 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, Belinda Bastow , (<i>full name</i>) declare that I am authorised to refer this proposal on behalf of Technology Metals Australia Ltd 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) | | Technology Metals Australia Limited | |
| Australian Company Number(s) | <input type="checkbox"/> | 64 612 531 389 | |
| OR | | | |
| Australian Business Number(s) | <input checked="" type="checkbox"/> | | |
| Contact for the proposal (if different from the referrer) <i>Please include: name, physical address, phone, and email.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Ian Prentice (Managing Director) Technology Metals Australia Limited Suite 3, 330 Churchill Avenue Subiaco WA 6008 Phone: 08 6489 1600 | | |

| | |
|--|--|
| | Email: ian@tmtlimited.com.au |
| <p>Does the proponent have the legal access required for the implementation of all aspects of the proposal?</p> <p><i>If yes, provide details of legal access authorisations / agreements / tenure.</i></p> <p><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>The proposed mining activities and development envelope occur on: M51/883 (pending). Once granted M51/883 will encompass all of P51/2785, P51/2943, P51/2944, E51/1510-I and a portion of E 51/1818 (all currently held by The KOP Ventures a subsidiary of Technology Metals Australia Limited). Additional tenure will be sought to accommodate construction of supporting infrastructure for the Project.</p> <p>Additional information relating to tenure is provided in Section 1.4 of the Supporting Information Document.</p> |
| Proposal type | |
| <p>What type of proposal is being referred?</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> | <p><input checked="" type="checkbox"/> significant – new proposal</p> <p><input type="checkbox"/> significant – change to approved proposal (MS No./s: _____)</p> <p><input type="checkbox"/> proposal under an assessed planning scheme</p> <p><input type="checkbox"/> strategic</p> <p><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>The implementation of the Project may have impacts to the following key environmental factors:</p> <ul style="list-style-type: none"> Flora and Vegetation Subterranean Fauna Terrestrial Environmental Quality, and Inland Waters <p>Further information relating to the potential impacts to these environmental factors is provided in Part B of this form and in Section 5 of the Supporting Information Document.</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? | N/A |

| Proposal description | |
|--|--|
| Title of the proposal | Gabanintha Vanadium Project |
| Name of the Local Government Authority in which the proposal is located. | Shire of Meekatharra |
| Location: 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. | The Gabanintha Vanadium Project is located within WA's Mid-West region, approximately 615km north-east of Perth and 40km south-east of Meekatharra, adjacent to the Meekatharra-Sandstone Road. The Project lies predominately within pending Mining Lease M51/883 and adjacent tenure. |
| Proposal description – including the key characteristics of the proposal <i>Provide as an attachment to the form</i> | The Gabanintha Vanadium Project includes development of multiple vanadium deposit (Far North, North and Central) via open pits mining. Supporting infrastructure for the Project includes WRLs, mineralised waste stockpile, processing plant, run of mine, integrate waste landform (incorporating TSF), calcine storage area, mine dewatering infrastructure, workshops, accommodation camp, borefields and associated infrastructure administration buildings and roads. More information is provided in Section 2 of the Supporting Document. |
| Have you provided electronic spatial data, maps and figure in the appropriate format? <i>Refer to instructions at the front of the form</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| What is the current land use on the property, and the extent (area in hectares) of the property? | The current land use in the area is generally low-intensity grazing with cattle, sheep and goats. The Project is located on the Polelle Pastoral Station and the historic town common associated with degazetted Gabanintha and Polelle towns. The extent of the development envelope is 1,060 ha. |
| Have you had pre-referral discussions with the EPA at DWER Services? If so, quote the reference number and/or the DWER contact. | A pre-referral meeting was undertaken with DWER (EPA Services) on the 29 th of October 2018. Contact: Peter Tapsell |
| Part B: 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 |

| | |
|--|---|
| | <input type="checkbox"/> Landforms <input checked="" type="checkbox"/> Subterranean Fauna <input checked="" type="checkbox"/> Terrestrial Environmental Quality <input type="checkbox"/> Terrestrial Fauna <input checked="" type="checkbox"/> Inland Waters <input type="checkbox"/> Air Quality <input 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 | | |
|--|---|---|
| 1 | EPA Factor | Please refer to Section 5 of the Supporting Information Document for the detailed consideration of potential environmental impacts associated with each key factor. |
| 2 | EPA policy and guidance - What have you considered and how have you applied them in relation to this factor? | |
| 3 | Consultation – Outline the outcomes of consultation in relation to the potential environmental impacts | |
| 4 | Receiving environment – Describe the current condition of the receiving environment in relation to this factor. | |
| 5 | Proposal activities – Describe the proposal activities that have the potential to impact the environment | |
| 6 | Mitigation – Describe the measures proposed to manage and mitigate the potential environmental impacts. | |
| 7 | Impacts – Assess the impacts of the proposal and review the residual impacts against the EPA objective. | |
| 8 | Assumptions - 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 e.g. clearing, dewatering, mining, processing, dredging | Land tenure/access e.g. Crown land, Mining lease, specify legislation for access if relevant | 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> |
|--|--|---|--|
| Clearing | Mining Act Tenure | Native Vegetation Clearing Permit (If assessment is not required under Part IV EP Act) | <i>Environmental Protection Act 1986 (Part V), Clearing of Native Vegetation Regulations 2004</i> |
| Prescribed Premises Activities (e.g. processing, general waste disposal, tailings disposal, sewerage disposal, mine dewatering). | Mining Act Tenure | Works Approval and Prescribed Premise Licence | <i>Environmental Protection Act 1986 – Part V Prescribed Premises</i> |
| Mining and associated activities (e.g. processing, waste stockpiling, tailings storage) | Mining Act Tenure | Mining Proposal and Mine Closure Plan | <i>Mining Act 1978</i> |
| Construction and Mining Operations | Mining Act Tenure | Project Management Plan | <i>Mines Safety and Inspection Act 1994</i> |
| Groundwater Bore Construction | Mining Act Tenure | 26D Licence to construct a well | <i>Rights in Water and Irrigation Act 1911</i> |
| Groundwater extraction and use | Mining Act Tenure | 5C Licence to take water | <i>Rights in Water and Irrigation Act 1911</i> |
| Storage and Handling of Dangerous Goods | Mining Act Tenure | Dangerous Goods Licence Security Risk Substance Storage Licence | <i>Dangerous Goods Safety Act 2004</i> |
| Storage and handling of explosives | Mining Act Tenure | Explosives Storage Licence | <i>Dangerous Goods Safety Act 2004</i> |
| Construct/install Sewage treatment/handling tanks | Mining Act Tenure | Approval to Construct or Install Apparatus for the Treatment of Sewage. | <i>Health Act 1911</i> |

Part C: Other approvals and regulation

State and Local Government approvals

| | | | |
|--|-------------------|--|-------------------------------------|
| Disturbance of Aboriginal Heritage Sites | Mining Act Tenure | Section 18 Approval to interfere with Aboriginal Heritage Site (if layout is unable to avoid identified sites) | <i>Aboriginal Heritage Act 1972</i> |
| Buildings | Mining Act Tenure | Building Licences | <i>Local Government Act 1995</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 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 N/A – not referred <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 type="checkbox"/> Yes – Accredited N/A – not referred |
| Is approval required from other Commonwealth Government/s for any part of the proposal? <i>If yes, describe.</i> | <input type="checkbox"/> Yes | <input type="checkbox"/> No Approval: N/A – not referred |