



Environmental Protection Authority

EPA REFERRAL
FORM
PROPONENT

Referral of a Proposal by the Proponent to the Environmental Protection Authority under Section 38(1) of the *Environmental Protection Act 1986*.

PURPOSE OF THIS FORM

Section 38(1) of the *Environmental Protection Act 1986* (EP Act) provides that where a development proposal is likely to have a significant effect on the environment, a proponent may refer the proposal to the Environmental Protection Authority (EPA) for a decision on whether or not it requires assessment under the EP Act. This form sets out the information requirements for the referral of a proposal by a proponent.

Proponents are encouraged to familiarise themselves with the EPA's *General Guide on Referral of Proposals* [see Environmental Impact Assessment/Referral of Proposals and Schemes] before completing this form.

A referral under Section 38(1) of the EP Act by a proponent to the EPA must be made on this form. A request to the EPA for a declaration under Section 39B (derived proposal) must be made on this form. This form will be treated as a referral provided all information required by Part A has been included and all information requested by Part B has been provided to the extent that it is pertinent to the proposal being referred. Referral documents are to be submitted in two formats – hard copy and electronic copy. The electronic copy of the referral will be provided for public comment for a period of 7 days, prior to the EPA making its decision on whether or not to assess the proposal.

CHECKLIST

Before you submit this form, please check that you have:


	Yes	No
Completed all the questions in Part A (essential).	✓	
Completed all applicable questions in Part B.	✓	
Included Attachment 1 – location maps.	✓	
Included Attachment 2 – additional document(s) the proponent wishes to provide (if applicable).	✓	
Included Attachment 3 – confidential information (if applicable).		✓ (N/A)
Enclosed an electronic copy of all referral information, including spatial data and contextual mapping but excluding confidential information.	✓	

Following a review of the information presented in this form, please consider the following question (a response is optional).

Do you consider the proposal requires formal environmental impact assessment?		
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not sure
If yes, what level of assessment?		
<input type="checkbox"/> Assessment on Proponent Information	<input checked="" type="checkbox"/> Public Environmental Review	

PROPONENT DECLARATION (to be completed by the proponent)

I, Nicholas Sibbel (full name) declare that I am authorised on behalf of Tronox Mgmt Pty Ltd (being the person responsible for the proposal) to submit this form and further declare that the information contained in this form is true and not misleading.

Signature 	Name (print) <u>Nick Sibbel</u>
Position <u>Env Approvals Mgr</u>	Company <u>Tronox Mgmt Pty Ltd</u>
Date <u>14 May 2013</u>	

PART A - PROPONENT AND PROPOSAL INFORMATION

(All fields of Part A must be completed for this document to be treated as a referral)

1 PROPONENT AND PROPOSAL INFORMATION

1.1 Proponent

Name	Tronox Management Pty Limited (Tronox)
Joint Venture parties (if applicable)	Not applicable (N/A)
Australian Company Number (if applicable)	590 093 43 364
Postal Address (where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State)	Locked Bag 381 Bentley DC WA 6983
Key proponent contact for the proposal: <ul style="list-style-type: none"> • name • address • phone • email 	N: Nick Sibbel (Environmental Approvals Manager) A: PO Box 22 Muchea WA 6501 P: (08) 9571 9342 E: nick.sibbel@au.tronox.com
Consultant for the proposal (if applicable): <ul style="list-style-type: none"> • name • address • phone • email 	N: Strategen A: PO Box 243 Subiaco WA 6904 P: (08) 9380 3100 E: m.brook@strategen.com.au

1.2 Proposal

Title	Cooljarloo West Titanium Minerals Project
Description	<p>Tronox Pty Limited (Tronox) proposes to develop the Cooljarloo West Titanium Minerals Project (the Proposal), 175 km north of Perth (Figure 1). The Proposal is entirely located within the Development Envelope (Figure 2), which is situated west of the existing Cooljarloo Mine, and involves the dredge mining of three orebodies: Woolka, Harrier and Kestrel.</p> <p>The Proposal will require movement of the mining dredge and ore processing plant (concentrator) from the existing Cooljarloo Mine to Cooljarloo West and back again via flotation across an open channel (approximately 6 km long and 100 m wide) (Figure 2). The Proposal will largely utilise existing Cooljarloo facilities.</p> <p>The Proposal comprises the following major components:</p> <ol style="list-style-type: none"> 1. Construction of transportation channel (and associated linear infrastructure, including roads and powerlines) approximately 6 km long and 100 m wide to float the mining dredge and processing plant. 2. Abstraction of ground water to enable flotation of dredge and concentrator through channel. 3. Topsoil and overburden stockpiles. 4. Dredge mining of the Kestrel, Harrier and Woolka deposit between 2016 and 2021. 5. Tailing storage facility. 6. Movement of dredge and concentrator from Cooljarloo West to Cooljarloo in 2021. <p>The sections of the diversion channels will be constructed sequentially as the dredge moves from the Kestrel to the Woolka deposit. All sections as built, will remain open to the end of the project to allow passage of the dredge back to the existing Cooljarloo orebody.</p>

Extent (area) of proposed ground disturbance.	The Proposal requires clearing of up to approximately 2250 ha, within the Development Envelope of 4925 ha indicated in Figure 2.
Timeframe in which the activity or development is proposed to occur (including start and finish dates where applicable).	Construction of the Proposal is planned to commence in Q1 2015 and mining will commence in Q2 2016. The Proposal has an estimated mine life of five years.
Details of any staging of the proposal.	N/A.
Is the proposal a strategic proposal?	No.
Is the proponent requesting a declaration that the proposal is a derived proposal? If so, provide the following information on the strategic assessment within which the referred proposal was identified: <ul style="list-style-type: none"> • title of the strategic assessment; and • Ministerial Statement number. 	No.
Please indicate whether, and in what way, the proposal is related to other proposals in the region.	The Proposal extends the life of the existing Cooljarloo Mine site (described in Statement 37).
Does the proponent own the land on which the proposal is to be established? If not, what other arrangements have been established to access the land?	<p>The proposed development is located on the following live exploration tenements held under the Mining Act 1978:</p> <ol style="list-style-type: none"> 1. E70/2345 – has portions of the Woolka and Kestrel deposit. 2. E70/2346 – has portions of the Woolka and Kestrel deposits, the entire area of the Harrier deposit and the diversion channel bridging between harrier and the two deposits either side. 3. E70/3065 – has a portion of the Kestrel deposit and some other proposal elements (e.g. road diversion). <p>In addition, some activities will be undertaken within live mining lease M268SA held under the <i>Mineral Sands (Cooljarloo) Mining and Processing State Agreement 1988</i>. These activities include:</p> <ul style="list-style-type: none"> • the portion of the diversion channel connecting the existing Cooljarloo orebody to the Kestrel deposit • tailings facilities • overburden dumps • supporting infrastructure such as roads, powerlines, mineral concentrate stockpiles and water supply. <p>Suitable tenure and other legislative approvals required for the Proposal, will be obtained prior to implementing activities within these areas.</p>
What is the current land use on the property, and the extent (area in hectares) of the property?	The land is predominately Unallocated Crown Land with remnant vegetation.

1.3 Location

Name of the Shire in which the proposal is located.	Shire of Dandaragan
For urban areas: <ul style="list-style-type: none"> • street address; • lot number; • suburb; and • nearest road intersection. 	N/A
For remote localities: <ul style="list-style-type: none"> • nearest town; and • distance and direction from that town to the proposal site. 	The Proposal is located 30 km west from Cervantes (Figure 1).
Electronic copy of spatial data - GIS or CAD, geo-referenced and conforming to the following parameters: <ul style="list-style-type: none"> • GIS: polygons representing all activities and named; • CAD: simple closed polygons representing all activities and named; • datum: GDA94; • projection: Geographic (latitude/longitude) or Map Grid of Australia (MGA); • format: Arcview shapefile, Arcinfo coverages, Microstation or AutoCAD. 	Attached.

1.4 Confidential Information

Does the proponent wish to request the EPA to allow any part of the referral information to be treated as confidential?	No
If yes, is confidential information attached as a separate document in hard copy?	N/A

1.5 Government Approvals

Is rezoning of any land required before the proposal can be implemented? If yes, please provide details.	No		
Is approval required from any Commonwealth or State Government agency or Local Authority for any part of the proposal? If yes, please complete the table below.	Yes		
Agency/Authority	Approval required	Application lodged Yes / No	Agency/Local Authority contact(s) for proposal
Department of Sustainability, Environment, Water, Population and Communities (DSEWPaC)	Approval under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> .	No	TBD
Shire of Dandaragan	Relocation of Woolka Road	No	TBD
Department of Water	Groundwater abstraction	Yes. Groundwater	N/A

	licences	licences issued for existing operation will cover water requirements for this Proposal.	
Department of Mines and Petroleum	Mining Proposal	No	TBD

PART B - ENVIRONMENTAL IMPACTS AND PROPOSED MANAGEMENT

2. ENVIRONMENTAL IMPACTS

Describe the impacts of the proposal on the following elements of the environment, by answering the questions contained in Sections 2.1-2.11:

- 2.1 flora and vegetation;
- 2.2 fauna;
- 2.3 rivers, creeks, wetlands and estuaries;
- 2.4 significant areas and/ or land features;
- 2.5 coastal zone areas;
- 2.6 marine areas and biota;
- 2.7 water supply and drainage catchments;
- 2.8 pollution;
- 2.9 greenhouse gas emissions;
- 2.10 contamination; and
- 2.11 social surroundings.

These features should be shown on the site plan, where appropriate.

For all information, please indicate:

- (a) the source of the information; and
- (b) the currency of the information.

2.1 Flora and Vegetation

2.1.1 Do you propose to clear any native flora and vegetation as a part of this proposal?

[A proposal to clear native vegetation may require a clearing permit under Part V of the EP Act (Environmental Protection (Clearing of Native Vegetation) Regulations 2004)]. Please contact the Department of Environment and Conservation (DEC) for more information.

- (please tick) Yes **If yes**, complete the rest of this section.
 No **If no**, go to the next section

2.1.2 How much vegetation are you proposing to clear (in hectares)?

Up to approximately 2250 ha of vegetation will be cleared as part of this proposal within a Development Envelope of 4925 ha.

2.1.3 Have you submitted an application to clear native vegetation to the DEC (unless you are exempt from such a requirement)?

- Yes No **If yes**, on what date and to which office was the application submitted of the DEC?

2.1.4 Are you aware of any recent flora surveys carried out over the area to be disturbed by this proposal?

Yes

No

If yes, please attach a copy of any related survey reports and provide the date and name of persons / companies involved in the survey(s).

If no, please do not arrange to have any biological surveys conducted prior to consulting with the DEC.

Refer to Section 3.2.1 (Vegetation and flora) and Appendix 1 of the Supporting Document for more detail.

Vegetation and flora method statement is attached.

2.1.5 Has a search of DEC records for known occurrences of rare or priority flora or threatened ecological communities been conducted for the site?

Yes

No

If you are proposing to clear native vegetation for any part of your proposal, a search of DEC records of known occurrences of rare or priority flora and threatened ecological communities will be required. Please contact DEC for more information.

Refer to Section 3.2.1 (Vegetation and flora) and Appendix 1 of the Supporting Document for more detail.

2.1.6 Are there any known occurrences of rare or priority flora or threatened ecological communities on the site?

Yes

No

If yes, please indicate which species or communities are involved and provide copies of any correspondence with DEC regarding these matters.

Refer to Section 3.2.1 (Vegetation and flora) and Appendix 1 of the Supporting Document for more detail.

2.1.7 If located within the Perth Metropolitan Region, is the proposed development within or adjacent to a listed Bush Forever Site? (You will need to contact the Bush Forever Office, at the Department for Planning and Infrastructure)

Yes

No

If yes, please indicate which Bush Forever Site is affected (site number and name of site where appropriate).

2.1.8 What is the condition of the vegetation at the site?

Woodman Environmental Consulting is currently undertaking a flora and vegetation survey within the Development Envelope. Based on preliminary results, majority of the site vegetation is in Excellent condition (Keighery 1994). Some areas within the Development Envelope are not in as good condition which can be attributed to farming practices and/or previous clearing.

2.2 Fauna

2.2.1 Do you expect that any fauna or fauna habitat will be impacted by the proposal?

(please tick) Yes **If yes**, complete the rest of this section.
 No **If no**, go to the next section.

2.2.2 Describe the nature and extent of the expected impact.

Refer to Section 3.2.2 (Fauna), Section 5 (Potential environmental impacts and management) and Appendix 2 of the Supporting Document for more detail.

2.2.3 Are you aware of any recent fauna surveys carried out over the area to be disturbed by this proposal?

Yes No **If yes**, please attach a copy of any related survey reports and provide the date and name of persons / companies involved in the survey(s).

If no, please do not arrange to have any biological surveys conducted prior to consulting with the DEC.

Refer to Section 3.2.2 (Fauna) and Appendix 2 of the Supporting Document for more detail

2.2.4 Has a search of DEC records for known occurrences of Specially Protected (threatened) fauna been conducted for the site?

Yes No (please tick)

Refer to Section 3.2.2 (Fauna) and Appendix 2 of the Supporting Document for more detail

2.2.5 Are there any known occurrences of Specially Protected (threatened) fauna on the site?

Yes No **If yes**, please indicate which species or communities are involved and provide copies of any correspondence with DEC regarding these matters.

Refer to Section 3.2.2 (Fauna) and Appendix 2 of the Supporting Document for more detail

2.3 Rivers, Creeks, Wetlands and Estuaries

2.3.1 Will the development occur within 200 metres of a river, creek, wetland or estuary?

(please tick) Yes **If yes**, complete the rest of this section.
 No **If no**, go to the next section.

A network of sumplands and damplands occur within the Development Envelope. Refer to Section 3.3.1 (Wetlands) and Section 5 (Potential environmental impacts) of the Supporting Document for more detail.

2.3.2 Will the development result in the clearing of vegetation within the 200 metre zone?

Yes No **If yes**, please describe the extent of the expected impact.

A network of sumplands and damplands and associated vegetation occur within the Development Envelope and in the 200 m which surrounds it. Refer to Section 3.3.1 (Wetlands) and Section 5 (Potential environmental impacts) of the Supporting Document for more detail.

2.3.3 Will the development result in the filling or excavation of a river, creek, wetland or estuary?

Yes No **If yes**, please describe the extent of the expected impact.

Some sumplands and damplands will be disturbed during ore mining (refer to Figure 4 [Surface water features and wetlands] of the Supporting Document for approximate locations). All mine pit excavations will be backfilled following ore extraction.

2.3.4 Will the development result in the impoundment of a river, creek, wetland or estuary?

Yes No **If yes**, please describe the extent of the expected impact.

A section of Mullering Brook is to be diverted as part of the Proposal. Refer to Section 3.1.3 (Surface water and groundwater) and Section 5 (Potential environmental impacts) of the Supporting Document for more detail.

2.3.5 Will the development result in draining to a river, creek, wetland or estuary?

Yes No **If yes**, please describe the extent of the expected impact.

Details of drainage have not yet been determined and information will be made available for the assessment stage of EP Act approvals.

2.3.6 Are you aware if the proposal will impact on a river, creek, wetland or estuary (or its buffer) within one of the following categories? (please tick)

Conservation Category Wetland	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure
Environmental Protection (South West Agricultural Zone Wetlands) Policy 1998	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure
Perth's Bush Forever site	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure
Environmental Protection (Swan & Canning Rivers) Policy 1998	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure
The management area as defined in s4(1) of the Swan River Trust Act 1988	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure
Which is subject to an international agreement, because of the importance of the wetland for waterbirds and waterbird habitats (e.g. Ramsar, JAMBA, CAMBA)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure

2.4 Significant Areas and/ or Land Features

2.4.1 Is the proposed development located within or adjacent to an existing or proposed National Park or Nature Reserve?

Yes No **If yes**, please provide details.

The Development Envelope is situated adjacent to Nature Reserve A40916.

2.4.2 Are you aware of any Environmentally Sensitive Areas (as declared by the Minister under Section 51B of the EP Act) that will be impacted by the proposed development?

Yes No **If yes**, please provide details.

Threatened flora species as outlined in Section 3.2.1 and Appendix 1 of the Supporting Document.

2.4.3 Are you aware of any significant natural land features (e.g. caves, ranges etc) that will be impacted by the proposed development?

Yes No **If yes**, please provide details.

2.5 Coastal Zone Areas (Coastal Dunes and Beaches)

2.5.1 Will the development occur within 300metres of a coastal area?

(please tick) Yes **If yes**, complete the rest of this section.

No **If no**, go to the next section.

2.5.2 What is the expected setback of the development from the high tide level and from the primary dune?

Not applicable

2.5.3 Will the development impact on coastal areas with significant landforms including beach ridge plain, cusped headland, coastal dunes or karst?

Yes No **If yes**, please describe the extent of the expected impact.

2.5.4 Is the development likely to impact on mangroves?

Yes No **If yes**, please describe the extent of the expected impact.

2.6 Marine Areas and Biota

2.6.1 Is the development likely to impact on an area of sensitive benthic communities, such as seagrasses, coral reefs or mangroves?

Yes No **If yes**, please describe the extent of the expected impact.

2.6.2 Is the development likely to impact on marine conservation reserves or areas recommended for reservation (as described in *A Representative Marine Reserve System for Western Australia*, CALM, 1994)?

Yes No **If yes**, please describe the extent of the expected impact.

2.6.3 Is the development likely to impact on marine areas used extensively for recreation or for commercial fishing activities?

Yes No **If yes**, please describe the extent of the expected impact, and provide any written advice from relevant agencies (e.g. Fisheries WA).

2.7 Water Supply and Drainage Catchments

2.7.1 Are you in a proclaimed or proposed groundwater or surface water protection area?

(You may need to contact the Department of Water (DoW) for more information on the requirements for your location, including the requirement for licences for water abstraction. Also, refer to the DoW website)

Yes No **If yes**, please describe what category of area.

Gingin Groundwater Area proclaimed under the Rights in Water and Irrigation Act 1914 – the Superficial aquifer is within the Wedge Island subarea, and the Yarragadee aquifer is within the Cataby confined groundwater sub area. Licences are required for construction of wells and abstraction of groundwater.

2.7.2 Are you in an existing or proposed Underground Water Supply and Pollution Control area?

(You may need to contact the DoW for more information on the requirements for your location, including the requirement for licences for water abstraction. Also, refer to the DoW website)

Yes No **If yes**, please describe what category of area.

2.7.3 Are you in a Public Drinking Water Supply Area (PDWSA)?

(You may need to contact the DoW for more information or refer to the DoW website. A proposal to clear vegetation within a PDWSA requires approval from DoW.)

Yes No **If yes**, please describe what category of area.

2.7.4 Is there sufficient water available for the proposal?

(Please consult with the DoW as to whether approvals are required to source water as you propose. Where necessary, please provide a letter of intent from the DoW)

Yes No (please tick)

Water requirements for the Proposal will be met by the water allocation (GWL 101017(9), GWL104551(9), GWL157540(4) and GWL159548(4)) for the existing Cooljarloo Mine Site. Existing production bores will be utilised for abstraction of groundwater.

2.7.5 Will the proposal require drainage of the land?

Yes

No

If yes, how is the site to be drained and will the drainage be connected to an existing Local Authority or Water Corporation drainage system? Please provide details.

Details of drainage have not yet been determined and information will be made available for the assessment stage of EP Act approvals.

2.7.6 Is there a water requirement for the construction and/ or operation of this proposal?

(please tick)

Yes

If yes, complete the rest of this section.

No

If no, go to the next section.

The water requirement will be met from the existing mine site water allocation.

2.7.7 What is the water requirement for the construction and operation of this proposal, in kilolitres per year?

Not applicable. There is a water requirement, but it will be supplied from the existing mine site allocation.

2.7.8 What is the proposed source of water for the proposal? (e.g. dam, bore, surface water etc.)

Not applicable. There is a water requirement, but it will be supplied from the existing mine site allocation.

2.8 Pollution

2.8.1 Is there likely to be any discharge of pollutants from this development, such as noise, vibration, gaseous emissions, dust, liquid effluent, solid waste or other pollutants?

- (please tick) Yes **If yes**, complete the rest of this section.
 No **If no**, go to the next section.

2.8.2 Is the proposal a prescribed premise, under the Environmental Protection Regulations 1987?

(Refer to the EPA's *General Guide for Referral of Proposals to the EPA under Section 38(1) of the EP Act 1986* for more information)

- Yes No **If yes**, please describe what category of prescribed premise.

Application for a Works Approval and subsequent licences under EP Act Part V will be made.

2.8.3 Will the proposal result in gaseous emissions to air?

- Yes No **If yes**, please briefly describe.

Gaseous emissions will be negligible and primarily result from utilisation of the mine fleet.

2.8.4 Have you done any modelling or analysis to demonstrate that air quality standards will be met, including consideration of cumulative impacts from other emission sources?

- Yes No **If yes**, please briefly describe.

2.8.5 Will the proposal result in liquid effluent discharge?

- Yes No **If yes**, please briefly describe the nature, concentrations and receiving environment.

2.8.6 If there is likely to be discharges to a watercourse or marine environment, has any analysis been done to demonstrate that the State Water Quality Management Strategy or other appropriate standards will be able to be met?

- Yes No **If yes**, please describe.

2.8.7 Will the proposal produce or result in solid wastes?

Yes

No

If yes, please briefly describe the nature, concentrations and disposal location/ method.

Mineral processing will separate the ore into four material streams, heavy mineral concentrate (HMC), oversize (gravel, stones and boulders), clay and sand. The oversize, sand and some clay will be returned to the mine void in a manner so as to facilitate rehabilitation. Most of the clay is deposited into solar drying cells, largely constructed within the backfilled mine void, for dewatering (via evaporation) prior to use in rehabilitation.

The HMC will be transported to other mineral processing facilities for further processing.

2.8.8 Will the proposal result in significant off-site noise emissions?

Yes

No

If yes, please briefly describe.

2.8.9 Will the development be subject to the Environmental Protection (Noise) Regulations 1997?

Yes

No

If yes, has any analysis been carried out to demonstrate that the proposal will comply with the Regulations?

Please attach the analysis.

The nearest sensitive receptor (Cataby Seeds/Billinue Community) is located approximately 5 km away; therefore, noise impacts from this proposal to surrounding sensitive receptors are expected to be negligible.

2.8.10 Does the proposal have the potential to generate off-site, air quality impacts, dust, odour or another pollutant that may affect the amenity of residents and other "sensitive premises" such as schools and hospitals (proposals in this category may include intensive agriculture, aquaculture, marinas, mines and quarries etc.)?

Yes

No

If yes, please describe and provide the distance to residences and other "sensitive premises".

2.8.11 If the proposal has a residential component or involves "sensitive premises", is it located near a land use that may discharge a pollutant?

Yes

No

Not Applicable

If yes, please describe and provide the distance to the potential pollution source

2.9 Greenhouse Gas Emissions

2.9.1 Is this proposal likely to result in substantial greenhouse gas emissions (greater than 100 000 tonnes per annum of carbon dioxide equivalent emissions)?

Yes

No

If yes, please provide an estimate of the annual gross emissions in absolute and in carbon dioxide equivalent figures.

Emissions of greenhouse gases will mainly be generated through from combustion of diesel fuel within the mining fleet and other vehicles. These are not expected to result in emissions exceeding 100 000 tonnes per annum. Indirect emissions will also result from the consumption of electricity from the state grid. Tronox is a reporting entity for the National Greenhouse Emissions Reporting (NGER) Act 2007 and Energy Efficiency and Opportunities Act 2006.

2.9.2 Further, if yes, please describe proposed measures to minimise emissions, and any sink enhancement actions proposed to offset emissions.

2.10 Contamination

2.10.1 Has the property on which the proposal is to be located been used in the past for activities which may have caused soil or groundwater contamination?

Yes

No

Unsure

If yes, please describe.

The proposal is largely located on remnant bushland with little historical disturbance. A small proportion of the Development Envelope occurs on pastoral land and areas previously subject to mineral sands mining.

2.10.2 Has any assessment been done for soil or groundwater contamination on the site?

Yes

No

If yes, please describe.

2.10.3 Has the site been registered as a contaminated site under the *Contaminated Sites Act 2003*? (on finalisation of the CS Regulations and proclamation of the CS Act)

Yes

No

If yes, please describe.

The areas of tenement M268SA registered as a contaminated site will not be impacted by this proposal.

2.11 Social Surroundings

2.11.1 Is the proposal on a property which contains or is near a site of Aboriginal ethnographic or archaeological significance that may be disturbed?

Yes

No

Unsure

If yes, please describe.

The proponent has maintained close consultation with the Yued claimant group traditional owners. Refer to Section 3.4.1 and Section 5 of the Supporting Document for further detail.

2.11.2 Is the proposal on a property which contains or is near a site of high public interest (e.g. a major recreation area or natural scenic feature)?

Yes

No

If yes, please describe.

The area is frequented by apiarists and wildflower pickers

2.11.3 Will the proposal result in or require substantial transport of goods, which may affect the amenity of the local area?

Yes

No

If yes, please describe.

There will be no change to transport of goods, than currently utilised at the Cooljarloo mine site.

3. PROPOSED MANAGEMENT

3.1 Principles of Environmental Protection

3.1.1 Have you considered how your project gives attention to the following Principles, as set out in Section 4A of the EP Act? (For information on the Principles of Environmental Protection, please see EPA Position Statement No. 7, available on the EPA website)

- | | | |
|--|---|-----------------------------|
| 1. The precautionary principle. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2. The principle of intergenerational equity. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 3. The principle of the conservation of biological diversity and ecological integrity. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4. Principles relating to improved valuation, pricing and incentive mechanisms. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 5. The principle of waste minimisation. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

3.1.2 Is the proposal consistent with the EPA's Environmental Protection Bulletins/Position Statements and Environmental Assessment Guidelines/Guidance Statements (available on the EPA website)?

Yes No

3.2 Consultation

3.2.1 Has public consultation taken place (such as with other government agencies, community groups or neighbours), or is it intended that consultation shall take place?

Yes No **If yes**, please list those consulted and attach comments or summarise response on a separate sheet.

Refer to Section 4 (Community and other stakeholder consultation program) of the Supporting Document for further detail.