



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:


Table with 3 columns: Checklist item, Yes, No. Rows include: 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), 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 checked="" type="checkbox"/> Assessment on Proponent Information	<input type="checkbox"/> Public Environmental Review	

PROPONENT DECLARATION (to be completed by the proponent)

I, MICHAEL KLIVAC, (full name) declare that I am authorised on behalf of IRON ORE HOLDINGS (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) MICHAEL KLIVAC
Position LAND ACCESS + APPROVALS MGR	Company IRON ORE HOLDINGS LTD
Date 14/11/12	

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	Iron Ore Holdings Limited
Joint Venture parties (if applicable)	
Australian Company Number (if applicable)	17 107 492 517
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)	PO Box 1761 West Perth, Western Australia, 6872
Key proponent contact for the proposal: <ul style="list-style-type: none">• name• address• phone• email	Michael Klvac Land Access and Approvals Manager Iron Ore Holdings Level 1, 1 Altona Street West Perth, WA, 6005 9483 2000 MKlvac@ironoreholdings.com
Consultant for the proposal (if applicable): <ul style="list-style-type: none">• name• address• phone• email	Strategen Environmental Consultants PO Box 243 Subiaco WA 6904 Ph 9380 3100 h.ventriss@strategen.com.au

1.2 Proposal

Title	Buckland Project
Description	<p>The Proposal involves mining, processing and delivery of iron ore in the Pilbara region of Western Australia to a customer delivery point for sale to a second party. Mining is expected to commence in late 2014, reaching the nominal initial production rate of 4 million tonnes per annum (Mtpa) within 6 months and progressively increasing to an estimated production rate of 8 Mtpa.</p> <p>Refer to Sections 1 (Introduction and Proposal background) and 2 (Proposal description) of attached Supporting Information for Environmental Referral (SIER) for more detail.</p>
Extent (area) of proposed ground disturbance	Approximately 1515 ha of vegetation within a Development Envelope is expected to be disturbed by the

	<p>Proposal.</p> <p>Refer to Section 2.2 (Key Proposal characteristics) of SIER for more detail.</p>
Timeframe in which the activity or development is proposed to occur (including start and finish dates where applicable)	<p>Construction is anticipated to commence in Q3 2013 depending on receipt of all necessary approvals. The Proposal is expected to have an operational life of approximately 20 years until 2035.</p>
Details of any staging of the proposal	<p>The Proposal is expected to start producing by mid to late 2014 at a rate of 2 Mtpa of direct shipping ore, increasing within 6 months to 4 Mtpa before progressively increasing to 8 Mtpa.</p>
Is the proposal a strategic proposal?	No
<p>Is the proponent requesting a declaration that the proposal is a derived proposal?</p> <p>If so, provide the following information on the strategic assessment within which the referred proposal was identified:</p> <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.	<p>The proposal is related to but independent of a proposed port development for a new export facility on the eastern side of Cape Preston, in the Pilbara region of Western Australia. The export facility is known as the Cape Preston East Project and will be the subject of a separate referral under Section 38 of the <i>Environmental Protection Act 1986</i>.</p>
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>IOH hold a mining lease (M 47/1464) for the minesite location. IOH will submit Miscellaneous Licence and General Purposes Lease applications under the <i>Mining Act 1978</i>, to facilitate access to land for the associated infrastructure before construction will commence.</p> <p>Refer to Section 1.4 (Tenure and existing environmental approvals) of the SIER for more detail.</p>
What is the current land use on the property, and the extent (area in hectares) of the property?	<p>The Proposal area is currently used for a mixture of pastoral, exploration, and mining activities.</p> <p>The main mining tenement is M 47/1464, comprising 1475 ha.</p>

1.3 Location

Name of the Shire in which the proposal is located.	Shire of Ashburton
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. 	45 km south-southwest of Pannawonica. Refer to Section 1.1.2 (Location) of SIER for more detail.
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. 	Enclosed.

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
DSEWPaC	Controlled Action	No – referral to be submitted following submission of s. 38 referral	Lachlan Wilkinson

Department of Mines and Petroleum	Mining Proposal and licence and Miscellaneous Licence (Roads)	Yes – Miscellaneous Licence and General Purpose Lease applications for the minesite and Stage 1 haul road have been submitted. A Mining Proposal has not yet been submitted.	Adrian Wiley
Department of Water	Sections 5C, 26D and 11/17/21A of RiWI Act	No	Gary Humphries
DEC	Miscellaneous works approvals and licences	No	TBC

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)?

The maximum area of vegetation proposed for clearing will be approximately 1515 ha. Clearing will occur within a 7350 ha development envelope.

Refer to Section 2.2 (Key Proposal characteristics) of SIER for more detail.

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.

Flora and vegetation has been surveyed, with further studies planned. Refer to Section 5.1 (Vegetation and Flora) and Appendix 2 of SIER for more detail.

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 5.1 (Vegetation and Flora) and Appendix 2 of SIER 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 5.1 (Flora and Vegetation) and Appendix 2 of SIER 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).

The Proposal is not located within the Perth Metropolitan Region.

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

Refer to Section 5.1.2 (Description of factor) and Appendix 2 of SIER for more detail.

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 5.2 (Fauna) and Appendix 2 of SIER 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 5.2 (Fauna) and Appendix 2 of SIER 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)

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 5.2 (Fauna) and Appendix 2 of SIER for more detail.
Consultation has been undertaken with DEC regarding fauna studies and potential impacts on fauna arising from the Proposal (refer to Section 4 of SIER).*

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.

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.

The mining pits will be adjacent to Bungaroo Creek and its tributaries. Refer to Sections 2.4.4 (Surface and groundwater management), 5.1 (Vegetation and flora) and 5.4 (Surface water) of SIER 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.

Bunding is proposed to protect the pit from creek flows. This will require disturbance to some of the creek bed and will decrease the width of the watercourse in parts. The proposed haul road will also cross creeks and rivers, with the most significant crossings being at the Fortescue and Robe Rivers. Refer to Sections 2.4.4 (Surface and groundwater management), 2.4.5 (Roads and haulage), 2.6.2 (Surface water management) and 5.4 (Surface water), of SIER for more detail.

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.

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.

Under heavy flow conditions experienced during 100-year average recurrence interval (ARI) events or greater, the creek level could rise above the bunds and overflow into the pits. Pit inflows and surplus dewater will be discharged into the Bungaroo Creek system. Refer to Section 2.4.4 (Surface and groundwater management) of SIER for more detail.

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 Proposal is located within the boundaries of the proposed West Hamersley Range Conservation Park.

- 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.

No gazetted Environmentally Sensitive Areas will be impacted by the proposal.

- 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.

The Proposal is located within an area of the Hamersley Ranges where there is known to be suitable gorge and cave habitat for a number of conservation significant fauna species.

2.5 Coastal Zone Areas (Coastal Dunes and Beaches)

- 2.5.1 Will the development occur within 300 metres 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.

Not applicable

- 2.5.4 Is the development likely to impact on mangroves?

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

Not applicable

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.

The Proposal is located within the proposed Bungaroo Creek Water Reserve. Refer to Section 3.3.2 (Existing and surrounding land use) of SIER for more detail with regard to the proposed Bungaroo Creek Water Reserve.

The Proposal is also located within the Pilbara Groundwater Area, within which, licences are required under the Rights in Water and Irrigation Act 1914 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.

The Proposal is located within the proposed Bungaroo Creek Water Reserve. Refer to Section 3.3.2 (Existing and surrounding land use) of SIER for more detail with regard to the proposed Bungaroo Creek Water Reserve.

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)

Dewatering is proposed to allow mining below the watertable. Water abstracted from dewatering will be used for mine and associated water supply. Volumes of water in excess of water supply demand will be abstracted to enable adequate dewatering. Bores will be installed and used sequentially along the haul road to meet construction water requirements. Refer to Section 2.5.4 (Water supply and wastewater treatment) of SIER for more detail.

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.

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.

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

Total water supply requirements for the mine and infrastructure area (potable, construction and operation) are expected to be up to 130 MLpa for dust suppression and potable water supply.

Refer to Sections 2.2 (Key Proposal characteristics) and 2.5.4 (Water supply and wastewater treatment) of SIER for more detail.

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

Dewatering to allow below watertable mining will provide the mine and processing supply. Bores will be installed along the haul road to supply groundwater to meet construction water requirements. Refer to Sections 2.2 (Key Proposal characteristics) and 2.5.4 (Water supply and wastewater treatment) of SIER for more detail.

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.

Refer to Section 5.6 (Other environmental factors and issues) of SIER for more detail.

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.

The Proposal will be a prescribed premise, based on the following possible categories:

- *Category 5 – Processing or beneficiation of metallic or non-metallic ore*
- *Category 6 – Mine dewatering*
- *Category 12 – Screening etc of material (prior to below-watertable mining)*
- *Category 54 – Sewage facility*
- *Category 67 – Fuel burning*
- *Category 89 – Putrescible landfill site.*

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 power generation and utilisation of the mine fleet and associated plant.

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.

Wastewater will be discharged to land. Refer to Section 2.5.4 (Water supply and wastewater treatment) of SIER for more detail.

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.

Under heavy flow conditions experienced during 100-year ARI events or greater, the creek level could rise above the bunds and overflow into the pits. Pit inflows and surplus dewater water be discharged into the Bungaroo Creek system. IOH is committed to ensuring all discharges occur following treatment in order to meet appropriate water quality parameters and in accordance with the site environmental licence. DoW will be consulted to ensure unacceptable impacts on the water resources of the Bungaroo Creek Water Reserve are avoided. Refer to Section 2.4.4 (Surface and groundwater management) of SIER for more detail.

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.

Refer to Section 2.5.9 (Refuse disposal/treatment) of the SIER for more detail.

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 proposed camp is the only potential sensitive receptor, being located approximately one kilometre away to mine operations; however the proponent understands the noise levels at mine camps are not subject to the Environmental Protection (Noise) Regulations 1997. Red Hill Station homestead is the only other potential sensitive receptor identified and is located approximately 8 km from the nearest point of the proposed haul road. Noise impacts from this proposal on Red Hill Station homestead 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.

The proposal is estimated to emit approximately 83 000 t CO₂-e/yr.

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 located in a greenfields mining area, which was historically the Yalleen Pastoral Station. Low level exploration activities have also occurred over the area.

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.

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 upholds an Indigenous and Community Relations Policy and has maintained close consultation with the Kuruma Marthudunera claimant group and Yaburara Mardudhunera claimant group traditional owners. Refer to Sections 3.3 (Social environment) and 5.6.2 (Aboriginal heritage) of the SIER for more 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 Proposal is located within the proposed West Hamersley Range Conservation Park boundary. Refer to Section 3.3.2 (Existing and surrounding land use) of the SIER for more detail.

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.

The proposal involves the daily movement of trucks along the haul road from the mine to the customer delivery point; however, this is not expected to significantly adversely affect the amenity of the local area. The proposal is not located near to existing sites significantly utilised for their visual amenity values.

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 SIER for more detail.