

環境チェックレポート

(1) プロジェクト名

鉄鉱山権益取得及び開発

(2) 実施場所

オーストラリア連邦 西オーストラリア州

(3) プロジェクト概要

鉄鉱山権益取得及び開発

(4) カテゴリ分類

カテゴリ A

(5) カテゴリ分類の根拠

本事業は、環境ガイドラインに掲げる影響を及ぼしやすいセクター（鉱山セクター）に該当し、影響を及ぼしやすい特性を持ち、影響を受けやすい地域或いはその近傍に立地するため。

(6) 環境許認可

オーストラリア連邦西オーストラリア州制度に基づき環境保護評価書（Environmental Protection Statement (EPS)）が作成され、2011年2月18日に同州環境保護局より承認を得ている。またEPS作成過程において、被影響住民、関係省庁及びNGO等ステークホルダーとの間において複数回に亘り協議を実施済みである。

(7) 汚染対策

大気質、水質、廃棄物、騒音・振動の計画値は現地基準に沿った適切な対策計画を策定・実施している。

(8) 自然環境面

自然環境面への影響に対して、適切な措置が講じられている旨、確認されている。

(9) 社会配慮面

本プロジェクトの実施に伴う非自発的住民移転は生じない。社会面への影響に

対し、適切な措置が講じられている旨、確認されている。

(1 0) 適用国際基準

世界銀行・セーフガードポリシー

(1 1) その他・モニタリング

上述の環境レビューを踏まえ、本プロジェクトの然るべき時期に閉山計画及び復旧管理計画の承認取得状況を確認すると共に、EPS の承認付帯条件の遵守状況及び生態系につきモニタリングを行う予定。

以 上

Questions

Q1. Please provide the address of the project site.

Address of the project site : Approximately 40km East of Newman, Pilbara Region, Western Australia

Q2. Please provide brief explanation of the project.

A new project for iron ore mine site development. Baseline production capacity level is 35mtpa.

Q3. Will JBIC loan be applied to a new project or an executing project? In case of an executing project, please inform of strong claims by stakeholders such as local residents, as well as improvement guidance or cessation orders for construction work / operations, from environmental authorities.

- New Project Executing Project (with Claim etc.)
 Executing Project (without Claim etc.) Others (Please specify _____)

Q4. In case of this project, is it necessary to execute Environmental Impact Assessment (EIA) based on the laws or regulations of the country where the project is to be implemented? If necessary, please inform the progress of EIA.

- Required (completed) Required (under execution or under planning)
 Not Required Others (_____)

Q5. In case that EIA is already completed, please inform whether EIA report is already approved based on the environmental assessment system of the country where the project is to be implemented or not. If EIA report is already approved, please provide the date and name of authorities of the approval.

- Approved (without condition) Approved (conditional)
 Under approval process Others (Please specify _____)

Date of Approval : 17th February 2011

Name of Authorities : Minister for Environment

Q6. If environmental permit(s) other than EIA is required, please provide the name of required permit(s). Have you obtained required permit(s)?

- Obtained Required, but not obtained yet
 Not required Others (Please specify _____)

Name(s) of required permit(s) that have been obtained :

- Department of Water licences to take water (GWL158795(5), and amendment to increase allowance to take under GWL171330(3)).
- Department of Mines and Petroleum Dangerous Goods Licences (DGS011488 and DGS021452).
- Department of Mines and Petroleum Explosive Storage Licence (ETS002134).
- Environmental Protection Authority Prescribed Premises Licences (L5415/1988/8).
- Environmental Protection Authority registration of prescribed premises for abrasive blasting.

Confirmation has been obtained from BHP Iron Ore (Jimblebar) Pty Ltd that as far as it is aware it has obtained all required permits, licences and approvals in connection with the project pursuant to all relevant environmental laws.

Q7. Will the loan be used for the undertaking that cannot specify the project at this stage (e.g. export or lease

of machinery that has no relation with specific project, or Two Step Loan that cannot specify the project at the time of loan agreement)?

(Yes No)

If you answered "Yes", it is not necessary to reply to the following questions.

If you answered "No", please reply to the following questions.

Q8. Are there any environmentally sensitive area shown below in and around project site?

Yes/ No)

If you answered "Yes", please select applicable items by marking, and reply to following questions.

If you answered "No", please reply to questions 9 and after.

- (1) National parks, protected areas designated by government (coastal areas, wetlands, habitats of minorities or indigenous populations, heritage sites, etc.)
- (2) Primeval forests, tropical natural forests
- (3) Ecologically important habitats (coral reefs, mangrove, tidal flats, etc.)
- (4) Habitats of endangered species of which protection is required under local laws and international agreements.
- (5) Areas that have risks of large scale increase in soil salinity or soil erosion
- (6) Desertification areas
- (7) Areas with special values from archaeological, historical and/or cultural viewpoints
- (8) Habitats of minorities, indigenous populations, nomadic people with traditional life style, or areas with special social value

Q9. Does the project involve following characteristics?

Yes/ No)

If you answered "Yes", please describe the scale of applicable characteristics, and reply to the questions 10 and after.

If you answered "No", please reply to questions 11 and after.

- (1) Involuntary resettlement (Number of resettlers:)
- (2) Pumping of groundwater
(Scale: (i) 946,080m³/year : Licence to Take Water (location of water source:AML70/244)
(ii)4,300,000m³/year: Licence to Take Water
(location of water source:AML70/266-Jimblebar Operation))
- (3) Land reclamation, development and/or clearing (Scale: ha)
- (4) Deforestation (Scale: ha)

Q10. Under the environmental impact assessment system of the country where the project is to be implemented, do the applicable characteristics from (1) – (4) above and their scale serve as basis for executing an EIA for the project?

- They do
- They do not
- Others (Please specify)

Q11. Will JBIC share in the project be equal or less than 5% of the total project cost, or the total amount of JBIC loan equal or less than SDR 10 million? (In the case of additional support for a past project, this shall be the accumulated total amount)

(Yes / No)

If you answered "Yes", it is not necessary to reply to the following questions.
If you answered "No", please reply to questions 12 and after.

Q12. Does the project belong to either of the sectors that impact on the environment is deemed immaterial or is not anticipated under normal conditions (e.g. maintenance of the existing facilities, non-expansionary renovation project, acquisition of rights and interests without additional capital investment)?

(Yes / No)

If you answered "Yes", it is not necessary to reply to following questions.
If you answered "No", please reply to the questions 13 and after.

Q13. Does the project belong to the following sectors?

Yes / No

If you answered "Yes", please specify the sector by marking, and reply to questions 14 and after.
If you answered "No", it is not necessary to reply to the following questions.

- (1) Mining
- (2) Oil and natural gas development
- (3) Pipelines
- (4) Iron and steel (projects that include large furnaces)
- (5) Non-ferrous metals smelting and refining
- (6) Petrochemicals (manufacture of raw materials; including complexes)
- (7) Petroleum refining
- (8) Oil, gas and chemical terminals
- (9) Paper and pulp
- (10) Manufacture and transport of toxic or poisonous substances regulated by international treaties, etc.
- (11) Thermal power
- (12) Nuclear power
- (13) Hydropower, dams and reservoirs
- (14) Power transmission and distribution lines involving large-scale involuntary resettlement, large-scale logging or submarine electrical cables
- (15) Roads, railways and bridges
- (16) Airports
- (17) Ports and harbors
- (18) Sewage and wastewater treatment having sensitive characteristics or located in sensitive areas or their vicinity
- (19) Waste management and disposal
- (20) Agriculture involving large-scale land-clearing or irrigation
- (21) Forestry
- (22) Tourism (construction of hotels, etc.)

Q14. Please provide information on the scale of the project (project area, area of plants and buildings, production capacity, amounts of power generation, etc.) Further, please explain whether an execution of EIA is required on account of the large scale of the project in the country where the project is implemented.

It is expected to reach 35 mtpa production in YEJ2016 (Year-Ending-June)