

Form 1

MINISTRY OF ENVIRONMENT,
FORESTRY AND TOURISM

ENVIRONMENTAL COMMISSIONER

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REPUBLIC OF NAMIBIA

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Ministry of Mines and Energy
Mining Commissioner

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Department of Mines

ENVIRONMENTAL MANAGEMENT ACT, 2007 (Section 32)

APPLICATION FOR ENVIRONMENTAL CLEARANCE CERTIFICATE

PROJECT REGISTRATION

COPY



PART A: DETAILS OF APPLICANT

1. Name: (person or business):

Brake Trading (Pty) Ltd

2. Business Registration / Identity No.:

Brake Trading (Pty) Ltd: 2012/0615

Environmental Compliance Consultancy (Pty) Ltd: 2022/0593

3. Correspondence Address:

P O Box 31490
Pionerspark,
Windhoek,
Namibia

4. Name of Contact Person:

Mr Stephan Bezuidenhout

5. Position of Contact Person:

Principal Environmental Practitioner

6. Telephone No.:

+264 81 653 1214

7. Fax Number:

NA

8. E-mail Address: (if any)

info@eccenvironmental.com

PART B: SCOPE OF THE ENVIRONMENTAL CLEARANCE CERTIFICATE

1. The environmental clearance certificate is for

The proposed construction and operation of the Jindal Mine on EPLs 4013 and 4194, Khomas Region, Namibia.

Listed activities triggered by the project include:

LISTED ACTIVITY	EIA SCREENING FINDING
<p>ENERGY GENERATION, TRANSMISSION AND STORAGE ACTIVITIES The construction of facilities for: (1a) The generation of electricity. (1b) The transmission and supply of electricity.</p>	<ul style="list-style-type: none"> - The mine will connect to the NamPower grid. - There is a possibility that a solar power station will be constructed for the generation of electricity. - The electricity that is generated will be used to supply electricity to the mine and potential surplus redirected into the grid power system.
<p>WASTE MANAGEMENT, TREATMENT, HANDLING, AND DISPOSAL ACTIVITIES (2.1) The construction of facilities for waste sites, treatment of waste and disposal of waste. (2.2) Any activity entailing a scheduled process referred to in the Atmospheric Pollution Prevention Ordinance, 1976. (2.3) The import, processing, use and recycling, temporary storage, transit or export of waste.</p>	<ul style="list-style-type: none"> - The proposed mining operations and process plant triggers this activity, as both fuel and hazardous substances are required for mining and processing activities. - Hazardous reagents will be used within the extraction and processing plant. - A lined tailings storage facility will be constructed. - Licences will be obtained for all hazardous substances that will need to be stored on the site. - Additionally, there will be a laboratory on site that may generate hazardous waste.
<p>MINING AND QUARRYING ACTIVITIES (3.1) The construction of facilities for any process or activities which requires a license, right or another form of authorization, and the renewal of a license, right or another form of authorization, in terms of the Minerals (Prospecting and Mining Act), 1992. (3.2) Other forms of mining or extraction of any natural resources whether regulated by law or not. (3.3) Resource extraction, manipulation, conservation and related activities.</p>	<ul style="list-style-type: none"> - This listed activity infers the provisions of the Minerals (Prospecting and Mining) Act 33 of 1992. The very nature of the Project is mining, which therefore triggers this listed activity. - The mine infrastructure will include mine (pits), dump facility, stock yard, mining office, workshop, admin building, health & safety wing, laboratory, canteen, process plant, conveyor line, filter press yard, concentrate yard, dispatch line.
<p>FORESTRY ACTIVITIES (4.) The clearance of forest areas, deforestation, afforestation, timber harvesting or any other related activity that</p>	<ul style="list-style-type: none"> - Vegetation clearing will be required for site construction and infrastructure establishment. - During operations, vegetation clearing will be required as the Project develops. The necessary

LISTED ACTIVITY

requires authorisation in term of the Forest Act, 2001 (Act No. 12 of 2001) or any other law

WATER RESOURCE DEVELOPMENT

(8.5) Construction of dams, reservoirs, levees and weirs.

(8.6) Construction of industrial and domestic wastewater treatment plants and related pipeline systems.

HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE

(9.1) The manufacturing, storage, handling or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974.

(9.2) Any process or activity which requires a permit, licence or other form of authorization, or the modification of or changes to existing facilities for any process or activity which requires amendment of an existing permit, licence or authorization or which requires a new permit, licence or authorization in terms of

EIA SCREENING FINDING

permits will be acquired as needed.

- Clearing activities will need to align to the requirements of the Forestry Act, No. 12 of 2001 and Forest Amendment Act, No. 13 of 2005.
- The Project falls within a water-controlled area.
- Ground and surface water may be abstracted or sourced for the operation.
- Groundwater will be abstracted to support the operational activities through identified abstraction boreholes, with an approved abstraction permit, from the Department of Water Affairs, as required by the Water Act, No. 54 of 1956 and Water Resources Management Act
- Surface water may be abstracted from the Oanob dam for operational activities.
- Potential Diversion of the Olifants River as this river runs through the planned area for their open pits.
- Process water ponds will be constructed to provide water for the process plant.
- A pollution control dam (PCD) will be constructed to catch and contain dirty water on site, this is located in the processing plant.
- Pipeline systems will be used to transport water or slurry within the site.
- The Ujams wastewater from the wastewater treatment
- The processing plant will require approximately 1.0 to 1.5 Mm³/annum of water.
- The proposed mining operations and process plant triggers this activity, as both fuel and hazardous substances are required for mining and processing activities.
- Bulk fuel will be stored onsite for refuelling the mining fleet of approximately.
- 30,000-50,000L/Day in first year of operation
- Consumer installation certificates are required for bulk fuel storage and dispensing.
- Hazardous reagents will be used within the extraction and processing plant.
- Licences will be obtained for all hazardous substances that will need to be stored on the site

LISTED ACTIVITY	EIA SCREENING FINDING
<p>a governing the generation or release of emissions, pollution, effluent or waste.</p> <p>(9.4) The storage and handling of a dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location.</p>	
<p>INFRASTRUCTURE</p> <p>10.1 The construction of:</p> <p>(j) masts of any material or type, and of any height, including those used for telecommunication broadcasting and radio transmission.</p>	<ul style="list-style-type: none"> - Towers for communication will need to be constructed, thus cables and telecommunication lines will be put in place. - Powerlines and telemetry for operational requirements, water and tailings slurry pumping will be required. - Possible Diversion of the M51.

2. Details of the activity(s) covered by the environmental clearance certificate:

Title of activity:

The proposed construction and operation of the Jindal Mine on EPLs 4013 and 4194, Khomas Region, Namibia.

Nature of activity:

Brake Trading (Pty) Ltd possesses exclusive prospecting licenses for EPLs 4013 and 4194 situated between approximately 50km E of Windhoek, Khomas Region. The EPL is bordered by the C23 main road and is 9 km from the Hosea Kutako International Airport. Brake Trading (Pty) Ltd intends to develop and manage an open pit iron ore mine on these EPLs, for which a mining licence application is currently being prepared for submission to the Ministry of Mines and Energy (MME).

The proposed project is for the mining of base and rare metals, and precious metals. As part of the proposed mining project, the following activities are envisaged, which shall be further defined as the mining program is refined:

- Investment in exploring the mineral potential of the Khomas Region; and
- Mining activities

Scale and scope of activity:

Mining activities shall take place within the boundaries of EPLs 4013 and 4194, illustrated in Figure 1 (Location of EPL).

Mining of the open pit will be conventional drill and blast, with ore and waste rock being shovelled and transported by a fleet of mobile equipment. Waste rock will be trucked to a waste rock dump, and the ore will be sent to the plant for crushing including a Primary crusher (gyratory) then a Secondary crushing (cone) and then to a Tertiary crushing (HPGR). After that, there will be screening and pebble scalping, consisting of primary pebble milling, rougher magnetic separation at 25µm (LIMS), secondary pebble milling or vertical stirred milling, and intermediate magnetic separation (cleaner) at 25µm (LIMS). Finally, the ore goes through silica reduction (reverse flotation/hydro-separation) and concentrate filtration. The concentrated Iron ore fines would then be transported to Walvis Bay through a railway/road network. Additional water infrastructure to be included are raw water pipelines and onsite pipelines between processing plant infrastructure.

Additional activities include:

- Construction of access tracks and roads, where existing tracks cannot be utilised for the fleet of mobile equipment. The roads are essential due to regular vehicular movement.
- Vegetation clearing for the creation of tracks, open pit mine and survey access.
- Construction of the plant infrastructure, as well as the infrastructure for fuel and chemical storage.
- Construction of office complexes.
- Mine workshops.
- Fuel Depots.
- Explosive Depot.
- Water recycling and dust suppression.

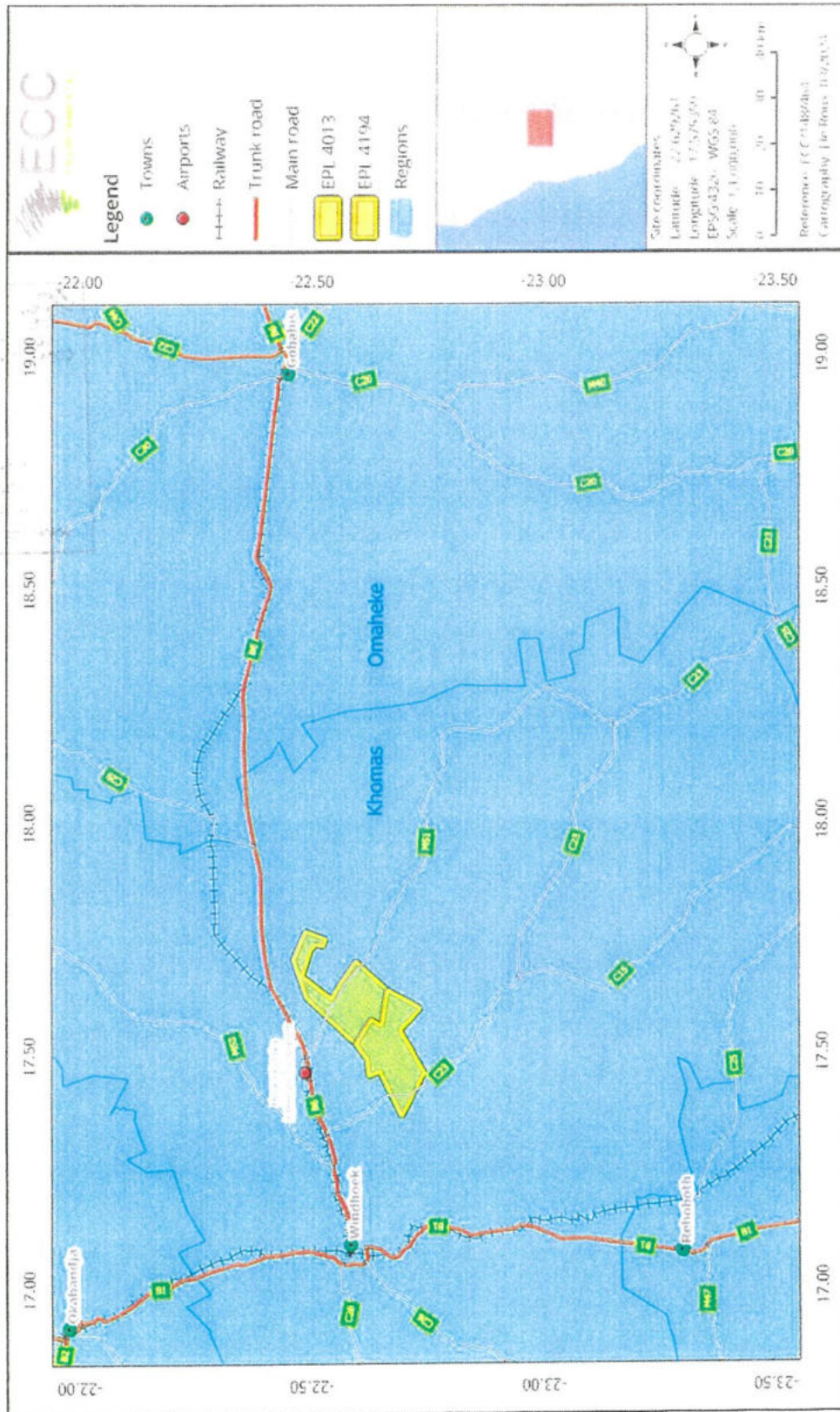


FIGURE 1 – LOCATION OF EXCLUSIVE PROSPECTING LICENCES 4013 and 4194 AREA

PART C: DECLARATION BY APPLICANT

I hereby certify that the particulars given above are correct and true to the best of my knowledge and belief. I understand the environmental clearance certificate may be suspended, amended or cancelled if any information given above is false, misleading, wrong or incomplete.



Signature of Applicant

STEPHAN BEZUIDENHOUT
Full name in Block Letters

PRINCIPAL CONSULTANT
Position

On behalf of: Brake Trading (Pty) Ltd

Date: 19/03/2024



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COPY

ECC-148-464-LET-34-A

Directorate of Mining
Ministry of Mines and Energy
Private Bag 13297
Windhoek
Namibia



FOR ATTENTION: THE MINING COMMISSIONER (MINISTRY OF MINES AND ENERGY) - MS ISABELLA CHIRCHIR

COPY TO: THE EXECUTIVE DIRECTOR (MINISTRY OF MINES AND ENERGY) - MR PENDA ITHINDI

THE ENVIRONMENTAL COMMISSIONER (MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM) - MR TIMOTEUS MUFETI

DEPUTY DIRECTOR (DIVISION OF ENVIRONMENTAL ASSESSMENT, WASTE MANAGEMENT AND POLLUTION CONTROL AND INSPECTIONS - MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM) - MS SAIMA ANGULA

RE - SUBMISSION OF THE REVISED FINAL SCOPING REPORT FOR THE PROPOSED CONSTRUCTION AND OPERATION OF THE JINDAL IRON ORE MINING PROJECT ON EPLS 4194 AND 4013, WITHIN THE KHOMAS REGION, NAMIBIA (APP-004009)

Dear Ms Isabella Chirchir,

The Environmental Compliance Consultancy (Pty) Ltd (ECC) has been engaged by Jindal Mining Namibia (Pty) Ltd to act as their environmental assessment practitioner. ECC is conducting an environmental and social impact assessment and will compile an environmental management plan (EMP) for the proposed construction and operation of the Jindal Iron Ore Mine on EPLs 4194 and 4013, Khomas Region, Namibia (APP-004009)

In terms of Section 32(1) of the Environmental Management Act No. 7 of 2007, ECC hereby submits the revised final scoping report and preliminary EMP (in hardcopy) to you as the competent authority - the Ministry of Mines, Energy and the Ministry of Environment, Forestry and Tourism and all registered interested and affected parties (I&APs). The revised draft scoping report was made available for the public and I&APs to review for 7 days from 13 August 2024 to 20 August 2024. The public and I&AP comments received from the public review period have been incorporated into the revised final scoping report now being submitted for a record of decision.

The revised final scoping report plus its respective appendices can also be accessed via our website:

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<https://eccenvironmental.com/download/the-proposed-construction-and-operation-of-the-jindal-iron-mine-khomas-region-namibia/>

Should you require our assistance with the details contained within this letter or report, please do not hesitate to contact us and we will gladly assist.

We look forward to hearing from you at your earliest convenience.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Stephan Bezuidenhout'.

Stephan Bezuidenhout
stephan@eccenvironmental.com

A handwritten signature in black ink, appearing to read 'Jessica Bezuidenhout Mooney'.

Jessica Bezuidenhout Mooney
jessica@eccenvironmental.com

