

COPY

Form 1

Document number: ECC-143-471-FOR-01-A

Ministry Reference: APP - 002855

REPUBLIC OF NAMIBIA

ENVIRONMENTAL MANAGEMENT ACT, 2007 (Section 32)

APPLICATION FOR ENVIRONMENTAL CLEARANCE CERTIFICATE PROJECT REGISTRATION

NAMIBIA

REVENUE

N\$100

MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
DIRECTORATE OF ENVIRONMENTAL AFFAIRS
27 FEB 2024
RECEIVED
Signature:

NAMIBIA

REVENUE

N\$100

NAMIBIA

REVENUE

N\$100

PART A: DETAILS OF APPLICANT

1. Name: (person or business):

Mandarin Investments (Pty) Ltd

2. Business Registration / Identity No.:

Mandarin Investments (Pty) Ltd: 2021/0411

Environmental Compliance Consultancy (Pty) Ltd: 2022/0593

3. Correspondence Address:

Private Bag 12012

Ausspannplatz

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

Ministry of Mines and Energy
Mining Commissioner
2024 -02- 27
Received
Department of Mines

LISTED ACTIVITY	EIA SCREENING FINDING
(3.3) Resource extraction, manipulation, conservation and related activities.	
<p>FORESTRY ACTIVITIES</p> <p>(4.) The clearance of forest areas deforestation, afforestation, timber harvesting or any other related activity that requires authorisation in term of the Forest Act, 2001 (Act No. 12 of 2001) or any other law</p>	<p>Vegetation clearing will be required for site construction and infrastructure establishment. During operations, vegetation clearing will be required as the Project develops. The necessary permits will be acquired as needed</p> <ul style="list-style-type: none"> - 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. -
<p>WATER RESOURCE DEVELOPMENT</p> <p>(8.5) Construction of dams, reservoirs, levees and weirs.</p> <p>(8.6) Construction of industrial and domestic wastewater treatment plants and related pipeline systems.</p>	<ul style="list-style-type: none"> - 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. 34 of 1956 and Water Resources Management Act - Surface water may be abstracted for operational activities. <p>The mining area is within the Ormaru catchment area, and the Xamgudomi River runs through a section of the planned pit and infrastructure. A diversion is required to divert the ephemeral Xamgudomi River with a detailed design for a new channel and the occasional stormwater flow. A dam may be constructed</p> <ul style="list-style-type: none"> - 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. - A domestic wastewater treatment plant will be constructed for operational purposes. - Septic/consewancy tanks are to be constructed for remote areas (guard houses and airstrip).
<p>HAZARDOUS SUBSTANCE TREATMENT, HANDLING AND STORAGE</p> <p>(9.1) The manufacturing, storage, handling or processing of a hazardous substance</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.

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

Title of activity:

Wia Gold Mining Project on EPL 4818, within the Erongo Region, Namibia

Nature of activity:

Mandarin Investments (Pty) Ltd possesses the exclusive prospecting license (EPL 4818) situated between Usis and Okombaha, approximately 25km NW of Okombaha and 35km ENE of Usis in the Erongo Region. The EPL is bordered by the C36 main road. Mandarin Investments (Pty) Ltd intends to develop and manage an open pit gold mine on EP. 4818

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 Erongo Region; and
- Mining activities

Scale and scope of activity:

Mining activities shall take place within the boundaries of EPL 4818, illustrated in Figure 1 (Location of EPL).

It is envisaged that the mining operation at Wia Gold Mining Project will be similar to that of B2Gold Otjikoto and CKR Navachab gold mines.

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, cyanide leaching carbon-in-pulp (CIP) processing, electrowinning and then smelting in an induction furnace to produce gold bars.

The planned mining activities are generally high-impact and intrusive. The proposed mining licence area will consist of an open pit processing plant that will include a primary- and secondary crusher, a Waste Rock Dump (WRD), and a Tailings Storage Facility (TSF), with the following activities taking place on-site.

- Construction of access tracks and roads, where existing tracks cannot be utilised for the fleet of mobile equipment. The roads are essential for regular vehicular movement;
- Vegetation clearing for the creation of tracks, open-pit mine and survey access;
- Ongoing ground exploration activities may include soil sampling, geological mapping, geophysical surveys, drilling and drill-core sampling, and blast of the open-pit mine
- Construction of the plant infrastructure, as well as the infrastructure for fuel and chemical storage;
- Crushing and screening of the ore; and
- Water recycling and dust suppression

