



National Heritage Council of Namibia

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OFFICE OF THE DIRECTOR

APPLICATION FOR CONSENT

(Sections 53(7) and 55(8) of the National Heritage Act, 2004 (Act No.27 of 2004))

CONDITIONS AND INSTRUCTIONS

1. The receipt issued serves as a reference when making enquiries.
2. Works and activities applied for under section C, of this application, is subject to an environmental impact assessment at the applicant's expense.
3. Instructions for completion:

Applicants must complete the relevant parts of this application.

A. APPLICANT'S DETAILS

1. Name and address of applicant

MS. LOIDE NDAPEWA EKANDJO

PO Box 97617 MARUA MALL, WINDHOEK, NAMIBIA.

Email: environment@pantarei-divinitus-holdings.com
or outrungreeninfo@gmail.com (the Environmental Consultant's correspondence)

2. Full name and designation of the person in charge of undertaking the works or activities:

Mr. Etuna : Principal Geoscientist

3. Full name and personal details of researcher, contractor or person in charge of the proposed works or activities:

Mr. Loide Ndapewa Ekandjo (Executive Director)



PO Box 97617, Marua Mall, Windhoek, Namibia.

4. Academic qualifications, skills, occupation and competencies of the person in charge mentioned under A2 above.

Mr. Etuna: Principal Geoscientist

BSc GEOLOGY AND ENVIRONMENTAL MANAGEMENT

BSc HONOURS ECONOMIC GEOLOGY

5. Previous permits issued in Namibia: **None**

6. Period for which permit is required: From _____
to _____

7. Date by which permit is required:

As soon as possible to enable the submission of the Environmental Impact Assessment Report and Management Plan to the Environmental Commissioner. In other words, the whole EIA submission is on hold pending the availability/issuance of the NHC Consent Letter.

B. EXPORT AND TRANSPORTATION

8. Indicate whether this is an application for: **Not Applicable**

Temporary Export Permanent Export Local Transportation

9. Name and address of Namibian institutions, if any, presently housing the protected place or protected object:

10. Name and address of local or foreign institution, if any, to which the protected place or protected object will be exported:

11. Description of the protected place or the protected object to be exported or transported. Indicate the number of items and, if applicable, the accession numbers given by the Namibian institution, if any, from which the place or object is on loan:

12. Description of the site (cave, rock shelter, grave, structure, midden, open surface site etc.) or geological formation from which the protected place or protected object originates:

13. Geographic location (farm, village, settlement, town, region, magisterial district, constituency, Global Positioning System coordinates) of the protected place or protected object:

14. Reason for transportation of the protected place or protected object (identification, exhibition etc.):

C: WORKS OR ACTIVITIES

15. Geographic location and address (farm, village, settlement, town, region, magisterial district, constituency, Global Positioning System coordinates) of the site, protected place or protected object where works or activities are proposed:

The Exclusive Prospecting License (EPL) 4722 is located in the Luderitz District, Karas Region. The approximate corner coordinates of the EPL are presented in the Table below.

Point Numbers of EPL 4722 boundaries	X Coordinates	Y Coordinates
1	15.275	-26.506
2	15.444	-26.503
3	15.446	-26.599
4	15.483	-26.613
5	15.497	-26.603
6	15.496	-26.749
7	15.354	-26.746
8	15.352	-26.724
9	15.355	-26.634
10	15.358	-26.631

16. Detailed description of the nature of works or activities for which the permit is applied for: (e.g. excavation, construction, filming etc) (*Attach additional and supporting information if the space on the form is insufficient.*)

The work will entail two to three months of Prospecting and Exploration for Dimension Stone within the boundaries of the EPL. The anticipated works include:

Desk Study

The exploration program will commence with a review of existing geological maps, existing geological reports, analysis of existing geophysical data (such as electromagnetic and radiometric data from the geological Survey of Namibia, GSN), and any other relevant existing data and information from the project area. Based on this desktop review, a refined exploration program for subsequent investigation will be formulated.

Non-invasive exploration

Non-invasive exploration will be conducted through geophysical surveying, geological mapping, stream sediment/ soil sampling followed by a holistic analysis of such data. Once the information gathered through these processes have been processed, analyzed and evaluated, target areas will be selected for invasive exploration such as trenching and drilling.

The main geophysical techniques to be used will include a combination of:

- Airborne magnetic. The airborne magnetic data can be of importance in geophysical mapping when searching for suitable stratigraphy hosting base, rare and precious metals mineralization
- High-resolution helicopter-borne radiometric survey at between 50m and 100m line spacing and 15 to 25m terrain clearance, and subsequent mapping to complement the existing 200m spaced fixed wing survey of the Geological Survey of Namibia.
- Localised information will be generated in selected areas through the use of Natural Source Audio Magneto-Tellurics (NSAMT) technique and detailed geological mapping. NSAMT has the advantages of not needing a transmitter, good depth of penetration as well as being able to pick up resistive and conductive targets. During geological mapping soil and stream sediment sampling as well as rock chirp sampling will be carried out. All ground geophysical surveys will require clearing of lines to enable the laydown of geophysical cables and equipment.

Invasive exploration

The geophysical targets will be drilled using systematic Reverse Circulation (RC) drilling, followed by diamond tails (diamond core drilling) coupled with down-the-hole spectral logging, informed by geophysical and geological data from the non-invasive exploration phase. Water

will be required to fill sumps for diamond drilling. A sample for every one (1) meter of RC drilling will be captured and stored at a dedicated sample storage place on the farm. Rock core samples from selected zones where mineralization is intercepted will also be taken and subsequently sent to an accredited laboratory for geochemical analysis for the targeted metals. Additionally, transverse trenching will be executed perpendicular to the strikes of mineralized zones in order to evaluate and assess the possible thickness and longitudinal strike of the potential ore bodies. If the results from the above exploration efforts are positive, a bulk sample of the material to be mined will be taken through blasting and bulk excavation to allow further metallurgical or chemical testing and refinement of the proposed mining procedures. Extraction of a bulk sample in this license is likely to involve excavation of a small open cut type of mine operation with the setting up of a pilot process plant.

Data processing and analysis

Based on all the data collected from the preceding techniques, and provided that results are positive, a 2D and 3D model will be developed for selected zones within the license area, and subsequently, resource estimates will be derived.

D: UNDERTAKING BY APPLICANT

17. I _____ **Josiah T. Mukutiri, the Environmental Consultant (On Behalf Of Ms Loide Ndapewa Ekandjo) person in charge** (the person in charge of undertaking the works or activities), hereby undertake to strictly observe the terms and conditions under which the National Heritage Council may issue the permit.

Signature  dated **06 February 2023**

Permit No.
(Consecutive number & year of issue)



