

02 June 2023

The Environmental Commissioner  
Ministry of Environment, Forestry and Tourism  
Directorate Environmental Affairs  
Private Bag 13346  
Windhoek  
Namibia

Attention: Mr T. Mufeti

**RE: APP-00963 - APPLICATION FOR RENEWAL OF AN ENVIRONMENTAL CLEARANCE CERTIFICATE TO CONTINUE WITH AN AUTHORISED LISTED ACTIVITY (QUARRY ACTIVITY) AT ML126, WALVIS BAY DISTRICT, ERONGO REGION**

Urban Green cc (the Environmental Assessment Practitioner (EAP)) has been appointed by Arandis Marble (PTY) Ltd. (the Proponent) to apply for the renewal of an Environmental Clearance Certificate for their existing mining activity at ML126 situated within the Walvis Bay Magistrate District, Walvis Bay Rural Constituency, in the Erongo Region.

The ECC renewal application is currently under review with the DEA (APP-00963).

Given the above, find attached hereto the Pro-Forma Environmental Contract for Mining Claim(s) and the Environmental Questionnaire for Mining, for review.

Should your office require any further information and/or assistance, please contact us.

Yours faithfully,



Brand van Zyl



**From:** [Ministry of Environment and Tourism](#)  
**To:** [Lucia Julia Bashir](#)  
**Subject:** Your application is verified  
**Date:** 08 February 2023 20:33:03  
**Attachments:** [namibia.png](#)

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**REPUBLIC OF NAMIBIA**  
Ministry of Environment, Forestry & Tourism

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2023-02-08

Dear Lucia Julia Bashir,

This email serves to inform you that your application **APP-00963** has been verified

Taking the following into considerations:

- Location of the project
- Pollution potential
- Scale of operation of the project

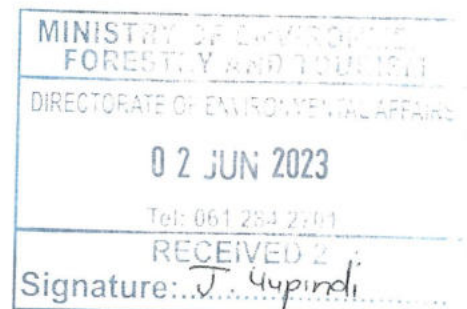
Please upload the following documents:

- Pro -Forma Environmental Contract for Mining Claim(s)
- Environmental Questionnaire for Mining

Please login onto our portal to upload required documents, if any  
<https://eia.met.gov.na>

NB- for the purpose of Section 38 of the Environmental Management Act, 2007 read with Regulation 4(d), kindly forward copies of all relevant documents i.e (application forms, EIA, Scoping reports, EMP etc) to the office of the Environmental Commissioner

Thank you



MINISTRY OF ENVIRONMENT FORESTRY AND TOURISM
DIRECTORATE OF ENVIRONMENTAL AFFAIRS
02 JUN 2023
Tel: 061 284 2701
RECEIVED 2
Signature: J. Uyirindi



REPUBLIC OF NAMIBIA

## ENVIRONMENTAL QUESTIONNAIRE FOR MINING CLAIMS IN NAMIBIA

### BEING APPENDIX A TO THE ENVIRONMENTAL CONTRACT

#### 1. Background information

- 1.1 Companies (or individuals) applying for MINING CLAIMS must complete this questionnaire. (Please fill in ALL questions) .
- 1.2 The answers provided in this questionnaire shall be regarded as commitments, which will become part of the Environmental Contract between the Holder and the Government of the Republic of Namibia, duly represented by the Ministry of Environment and Tourism (MET) and the Ministry of Mines and Energy (MME).
- 1.3 Once the Holder has completed this questionnaire the MET and MME will either accept / reject / request further information regarding the environmental commitments made therein. The MET and MME reserve the right to add further conditions.
- 1.4 Once agreed to by all parties concerned, the completed questionnaire shall form part of the Environmental Contract.
- 1.5 Please attach a map of the claim area and a copy of application to register claims.

#### 2. Holder details

2.1 Name of Holder	ARANDIS MARBLE (PTY) LTD.
2.2 Name of Claim Holder (if different from 2.1)	N/A
2.3 Telephone, Fax, Cell phone and/ or E-mail	Tel: 064 - 203 545 Fax: 064 - 203 503 E-mail: esther@redgraniti.com.na Cell phone: 081 124 2627
2.4 Postal Address  Residential/ Registered Address	P.O. BOX 4076 WALVISBAY NO: 78, HAGE GEINGOB STREET, WALVISBAY
2.5 Reference Number	NEPL no: ML 126 Expiry: 09 MARCH 2027
2.6 Registered No.(s)	14/2/3/2/126
2.7 Location, district and Region of claim	WALVISBAY RURAL CONSTITUENCY, WALVISBAY DISTRICT, ERONGO REGION

2.8 Minerals to be mined	MINERAL DIMENSION STONES
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2.8 How many people will work on your claim, and where will they live?

Number of people	Where will the people live
ONE	SECURITY PERSONEL - ML IS CURRENTY DORMANT.
	WALVIS BAY IS THE MAIN RESIDENTIAL AREA OF WORKERS.

STAFF ACCOMMODATION IN THE FORM OF SLEEPING QUARTERS AND ABLUTION FACILITIES ARE AVAILABLE ON SITE.

### 3. Environmental commitments

#### 3.1 Pollution and Waste

3.1.1 What will you do with normal litter (e.g. Kitchen spoils, cans, bottles, paper, etc.)

NO KITCHEN IN USE - OPERATIONS ARE CURRENTLY DORMANT.

3.1.2 What industrial waste will be generated and what will you do with it (e.g. old machinery, vehicles, building rubble, batteries, paint, thinners, vehicle oil, etc.)

WASTE IS CLASSIFIED ACCORDING TO THE WASTE TYPE (E.G. GENERAL, HAZARDOUS, RECYCLABLE). DURING OPERATIONS, INDUSTRIAL WASTE IS STORED ON SITE TEMPORARILY AND DISPOSED OFF AT AN AUTHORISED LANDFILL ACCEPTABLE TO THE DEA (I.E. WALVISBAY LANDFILL).

3.1.3 Describe what type of toilet facilities will be provided

SEPTIC TANKS WITH SOAK-AWAYS.

3.2 Vehicles, earthmoving equipment, drilling and blasting :

3.2.1 List the type and quantity of vehicles, earthmoving equipment, drilling equipment, and other machinery likely to be used on your claim (e.g. 2 x bakkie; 1 x bulldozer, etc.)

Vehicles:	2X BAKKIES
	1X SUV
Earthmoving equipment:	
	2X LOADERS 1X EXCAVATOR
Drilling equipment:	2X DIAMOND WIRE SAWS 4 JACK HAMMERS
	1X PERFORATOR 1X GENKING
Other equipment or machinery:	2X COMPRESSORS

3.2.2 Describe the environmental damage that is likely to result from the use of vehicles and machinery within the claim area. (e.g. on the landscape in general, soil, vegetation, noise, dust, etc.... )

- \* EROSION AND SEDIMENTATION — SOIL EROSION IS LIKELY TO OCCUR ALONG DRAINAGE AREAS/CHANNELS WITHIN THE ROAD RESERVE.
- \* CLEARING AND GRADING OF ROADS DURING ERODIVE HIGH RAINFALL MONTHS OF THE YEAR IS LIKELY TO RESULT TO ENVIRONMENTAL DAMAGE.
- \* HABITAT DESTRUCTION AND LOSS OF BIODIVERSITY — NON-COMPLIANCE OF VEHICLES INTO IDENTIFIED RESTRICTED MOVEMENT NO-GO AREAS (IF ANY) OR BEYOND THE ML BOUNDARIES.
- \* SHOULD VEHICLES AND MACHINERY BE LEFT WITHOUT THE NEEDED MAINTANANCE, OIL/FUEL LEAKS AND SPILLAGES WOULD OCCUR RESULTING IN ENVIRONMENTAL DAMAGE.
- \* TRANSPORT — NON COMPLIANCE OF THE APPROPRIATE TRAFFIC SAFETY AWARENESS SIGNS ~~SHOULD BE~~ WOULD RESULT ENVIRONMENTAL DAMAGE EG SPEED LIMITS.
- \* NOISE AND VIBRATION — NON-COMPLIANCE OF THE APPROPRIATE DIRECTIONAL AND INTENSITY SETTINGS TO BE MAINTAINED ON ALL HOOTERS AND SIRENS.
- \* BLASTING OR DRILLING DURING HIGH WIND AND UNDESIRABLE CONDITIONS MAY RESULT IN NOISE, FUG FUMBE AND DUST IMPACTS.
- \* THE HANDLING AND TRANSPORTING OF ERODIBLE MATERIALS UNDER HIGH WIND CONDITIONS.

3.2.3 How will you control the movement of vehicles and machinery in order to minimise Environmental damage?

- \* CONTROL AND ENFORCE SPEED LIMITS ON-SITE AND WITHIN THE ML FB (E.G. 25KM/h) FOR ALL VEHICLES.
- \* MAKE USE OF APPROVED METHODS TO CONTROL THE MOVEMENT OF ALL EQUIPMENT AND VEHICLES SO AS TO NOT CONSTITUTE A HAZARD ON THE ROAD.
- \* ~~BERM~~ DEMARCATING ACCESS ROADS ON SITE CLEARLY, AMONGST OTHER MECHANISMS.

3.2.4 Which routes will be used by vehicles to get to your claim and state whether you intend making new roads or tracks (both to your claim and within your claim).

ACCESS AND ROAD INFRASTRUCTURE - ACCESS TO THE PROJECT SITE IS OBTAINED FROM THE GRAVEL ROAD D1983. APPROVAL FOR ROAD USE AND ACCESS HAS BEEN OBTAINED FROM THE ROADS AUTHORITY. NO NEW ROADS <sup>OR TRACKS</sup> ARE INTENDED ON THE CLAIM OR WITHIN THE CLAIM.

3.2.5 Will you do any blasting on your claim? Yes  No  Unsure

3.2.6 If "yes" above, explain how you intend minimising environmental impacts, including the safety of humans, livestock and wildlife?

NOT APPLICABLE.

### 3.3 Water

3.3.1 How much water do you intend using for various activities (e.g. Human use, washing of equipment, washing sand/stones, recreation, dust control, gardens, etc.) and state how you intend saving water within each category of use.

Activity or category of use	Quantity of water needed per month (litres)	Water saving methods
HUMAN USE (SECURITY)	240 litres	FIXING LEAKY TAPS AND FIT LOW FLOW AERATORS ON TAPS.
WASHING OF EQUIPMENT	ML REMAINS DORMANT	PROMOTE RECYCLING.
WASHING SAND/STONES	ML REMAINS DORMANT	PROMOTE RECYCLING, RE-USE AND REDUCTION.
DUST CONTROL	ML REMAINS DORMANT	PROMOTE RECYCLED WATER USE
		WATER MANAGEMENT MITIGATION MEASURES TO BE STRICTLY CONSIDERED.

3.3.2 Where will you get your water (e.g. river, own borehole, water affairs connection, etc)

WATER TO THE PROJECT SITE IS SUPPLIED BY MEANS OF A NAMWATER PIPELINE WHICH LEADS TO A RESERVOIR SITUATED ON THE PROJECT SITE.

3.3.3 Explain how you will minimise or completely avoid polluting any water source, including underground water.

THE FUEL STORAGE ARE MUST BE LOCATED MORE THAN A 100 METRES <sup>AWAY</sup> FROM ANY WATER RESOURCE, INCLUDING A RIVER, STREAM OR SURFACE WATER BODY.

### 3.4 Relations with neighbouring communities and/or the general public

3.4.1 Are there any people living in or near your claim?

Yes  No  Unsure

3.4.2 If "yes", explain where these people live and describe their economic activities.

ABOUT 700 PEOPLE BELONGING TO THE #AONIN COMMUNITY ALSO KNOWN AS THE SOUTHERN TOPNAAR COMMUNITY LIVE IN THE SMALL SETTLEMENT OF UTUSEB NEAR THE ML. THE RESIDENTS MAINLY RELY ON SUBSISTANCE FARMING, GRN GRANTS AND THE HARVESTING OF THE !NARA MELON SEEDS 5 WHICH THEY SELL TO TOURISTS IN W-BAY.

**3.6 Historical, archaeological and cultural heritage**

(e.g. Rock art, graves, monuments, fossils, sacred sites, historical buildings, etc.)

3.6.1 Are there any historical, archaeological or culturally important sites within your claim area (tick one box) ?

Yes  No  Unsure

3.6.2 If "yes" above, please describe these briefly

NOT APPLICABLE

3.6.3 If such sites are known, how will you avoid damaging them ? .

THE TOPNAAR EBENESSER IHAIBEB MEMORIAL STONE IS LOCATED WITHIN THE  
LITUSEB SETTLEMENT AND IT WAS ERECTED IN 1982. NO RECORD OF ANY  
CULTURAL OR HISTORICAL IMPORTANCE OR ON-SITE RESEMBLANCE OF ANY NATURE COULD  
BE LOCATED WITHIN THE FOOTPRINT OF THE PROJECT SITE.

3.6.4 If such sites are discovered after you have started working your claim, would you accept new conditions to this contract so that they can be properly protected ?

Yes  No  Unsure

**3.7 Rehabilitation**

3.7.1 When will you rehabilitate the environmental damage done during prospecting ?  
(tick appropriate box)

I have no intention of rehabilitating any damage   
On a continuous basis (i.e. simultaneous with prospecting)   
Only after all prospecting has finally been completed   
Don't know



3.7.2 Describe the programme of mining from start and the methods to rehabilitate damage:

DIMENSION

THE OPERATIONAL PROCESS OF MINING THE MINERAL STONE (I.E. GRANITE) BEGINS WITH IDENTIFYING AND EXPOSING A GRANITE DEPOSIT IN ITS NATURAL FORM (I.E. ROCK FORMATIONS). ONCE THE DEPOSIT HAS BEEN IDENTIFIED AND EXPOSED, TOP SOIL AND SUB-SOIL IS REMOVED AND THE EXTRACTION (I.E. QUARRYING) OF THE GRANITE IN ITS NATURAL FORM CAN BEGIN. EXTRACTING (I.E. QUARRYING) IS THE REMOVAL OF LARGE BLOCKS OF STONE FROM AN IDENTIFIED AND EXPOSED GEOLOGIC DEPOSIT BY MEANS OF USING A PARTICULAR TECHNIQUE SUCH AS DIGGING, BLASTING, CUTTING AND/OR SAWING. THE TYPE OF TECHNIQUE USED DEPENDS ON THE PHYSICAL PROPERTIES OF THE DEPOSIT ITSELF. DIAMOND WIRE SAWING IS USED ON-SITE. THE WIRE SAWS ARE FITTED WITH A DIAMOND ABRASIVE AND OPERATED WITH A SMALL STREAM OF WATER AS TO COOL THE SAW DURING THE CUTTING PROCESS. THE STONE IS THEN CUT INTO LARGE INDIVIDUAL BLOCKS OF A SPECIFIED SIZE. THE BLOCKS ARE THEN BASED ON THEIR VISUAL AND PHYSICAL QUALITY EITHER TAKEN TO THE STOCK AREA OR TO THE ON-SITE REJECT WASTE AREA. BLOCKS SELECTED FOR RE-SALE ARE TRANSPORTED FROM THE ON-SITE STOCK AREA TO THE MAIN STOCK AREA OF ARANDIS MARBLE PTY LTD. GIVEN ITS CLOSE PROXIMITY TO THE TOWN OF WALVIS BAY. ONCE MINING OF THE PARTICULAR QUARRY HAS CEASED, THE REJECT ROCK AND SAND FROM THE REJECT WASTE AREA IS PLACED BACK INTO THE QUARRY BY MEANS OF BACKFILLING. THE AREA IS THEN COMPACTED, RESHAPED AND RE-VEGETATED TO RESEMBLE THAT OF THE NATURAL SURROUNDING ENVIRONMENT.

#### 4. Existing Damage

Describe what environmental damage exists in your claim area now, in other words, damage caused by someone else before you began working on the claim. (where possible, provide evidence such as photo's, statements, etc.)

NO RECORDS OF ENVIRONMENTAL DAMAGE BEFORE WORK ON THE CLAIM BEGAN, COULD BE LOCATED.

I hereby declare that the information provided in this questionnaire is, to the best of my knowledge, accurate and correct, and that I'm prepared to keep to the commitments stated therein.

*[Signature]*

Walvis Bay 31/5/2003

Claim Holder or Authorized

Place

Date

Representative  
**ARANDIS MARBLE (PTY) LTD**

REG. NO.: 91262

VAT NO.: 0074435015

P.O. BOX 4076 WALVIS BAY

TEL: 09264-64-203545

FAX: 09264-64-203503