



REPUBLIC OF NAMIBIA

## MINISTRY OF MINES AND ENERGY

**APPLICATION FOR A  
MINING LICENCE  
MINERALS (PROSPECTING & MINING) ACT, 1992,  
SECTION 91  
(MINIMUM REQUIREMENT)**

Date	05.07.2022	Informal name of area	Karibib
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***For Office Use***

Reference	14/2/5/1/	Date stamp
Deposit	N\$	
Receipt no.		
Landfolio sign		
Date		

### SECTION A – PARTICULARS OF APPLICANT

**(i) Natural person**

Full names	NA		
Nationality *		Date of birth	
Telephone		Facsimile	
Residential address	Postal address		

\* Copy of Identification Document or Passport to be attached

**(ii) Company \***

Full name	Africa Big Rhino (Pty) Ltd		
Registration number	2019/0440	Registration date	2/4/2019
Mobile Number	+264 81 659 1858	Facsimile	N/A
Registered address	Principal place of business		
P O Box 3570	No 34 St. Michael's Park		
Windhoek	Avis		
Namibia	Windhoek		
	Namibia		
Directors full names	Directors nationality		
Sara Shimwe-Oshili Kauna lita	Namibian		
Ling She Wong	Chinese		
Ben Xu	Spanish		
David Nuyoma	Namibian		
Hui Zhang	Chinese		
Share capital (N\$)	10000		
% Share **	Full names	Nationality	
5	Sara Shimwe-Oshili Kauna lita	Namibian	
5	Shitumbe Investments CC	Namibian	
95	Mingjie Stone Namibia Pty Ltd	Chinese	
Associated companies			Status
N/A			

\* Copy of Registration Certificate to be attached

\*\* Holders of more than 5% of shares only

**(iii) Accredited agent \***

Full Names	Excel Dynamic Solutions		
Telephone	+264 61 259 530	Facsimile	+264 886 560 836
Postal address	Physical address		
P. O. Box 997154, Maerua Mall	122 Robert Mugabe Av, Windhoek Central		

\* All licence holders not resident in Namibia are required to (a) appoint an accredited agent in writing who (b) must accept the appointment in writing and (c) must be

approved in writing by the Mining Commissioner. Copies of (a), (b) and (c) must be attached. A consultant to a licence holder may not act as accredited agent.

## SECTION B – APPLICATION PARTICULARS

Period applied for *	25	Size (Ha)	1787.5945
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\* Maximum 25 years

### Minerals Group(s) applied for

1	Base and rare metals		5	Nuclear fuel	
2	Dimension stone	X	6	Precious metals	
3	Industrial minerals		7	Precious stones	
4	Non-nuclear fuel		8	Semi-precious stones	

## SECTION C – LOCALITY

### (i) Locality \*

Map scale	1 :
Magisterial district(s)	Karibib
Region(s)	Erongo
Regional division(s)	Karibib

\* Detailed locality plan to be attached

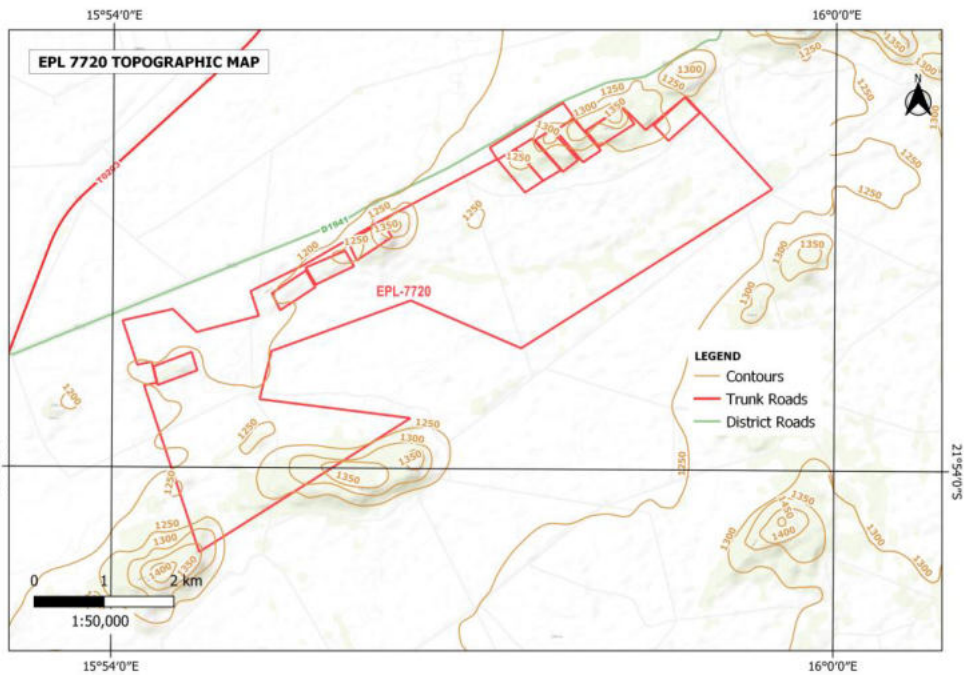
### (ii) List of farms covered by area applied for

No	Name	No	Name
46	Farm Okawayo		

### (iii) Co-ordinates of area applied for \*

Label	Latitude	Longitude	Label	Latitude	Longitude
1	21°52'52.00 "S	15°54'4.96" E	13	21°51'49.19 "S	15°59'28.07 "E
2	21°52'46.65 "S	15°54'29.98 "E	14	21°53'3.75" S	15°57'23.69 "E
3	21°52'57.30 "S	15°54'41.88 "E	15	21°52'41.84 "S	15°56'28.57 "E
4	21°52'49.39 "S	15°55'12.87 "E	16	21°53'5.72" S	15°55'19.33 "E
5	21°52'37.76 "S	15°55'9.13" E	17	21°53'28.15 "S	15°55'13.45 "E

6	21°51'35.92 "S	15°57'11.15 "E	18	21°53'36.58 "S	15°56'28.74 "E
7	21°51'30.45 "S	15°57'7.47" E	19	21°54'39.35 "S	15°54'43.88 "E
8	21°51'9.69" S	15°57'43.68 "E	20	21°53'21.98 "S	15°54'15.91 "E
9	21°51'22.68 "S	15°57'54.64 "E	21	21°53'20.83 "S	15°54'22.15 "E
10	21°51'11.42 "S	15°58'13.42 "E	22	21°53'11.05 "S	15°54'19.59 "E
11	21°51'21.67 "S	15°58'25.17 "E	23	21°53'12.48 "S	15°54'12.46 "E
12	21°51'6.09" S	15°58'45.04 "E			



*\*In degrees/minutes/seconds or decimal degrees, accurate to seven (7) decimal places. GPS readings are not acceptable.*

**SECTION D – GEOLOGY OF AREA**





7634	EPL		02/06/2020	01/06/2023
7635	EPL		02/06/2020	01/06/2023

**SECTION F – ENVIRONMENTAL ASPECTS**

**(i) Current condition of, and any existing damage to, the environment in the area to which the application relates \***

Current Condition: The EPL area has mining active licences around it, and is most probably disturbed by past exploration and mining for dimension stones. Literature and site visit investigations have indicated intermittent production of dimension stones in the vicinity under several mining claims.

The EPL has Environmental Clearance Certificate issued after Environmental studies including reports from an ecology specialist and an archaeologist.

Effect of proposed mining work: disturbance of the earth’s surface by any from of mining will result in complete removal of existing vegetation and ecosystems within the disturbed area, and dimension stone (mine targeted commodity) mining is no exception. However, dimension stones generally have a low impact on the surrounding environment due to the need to carefully extract large blocks or slabs without damage to the stone. The only environmental disturbance to the area related to exploration and development, would be drilling/earth moving activities as well as during preparation of facilities, equipment, and infrastructure required for extraction of the valuable minerals. The environmental impact of such activities will be responsibly managed by an Environmental Management Plan (EMP) already in place and which include thorough and complete rehabilitation measures of any damaged land. The EMP will be updated to address mining issues once the mining license is granted. Approval of such plan will be sought from the Ministry of Environment, Forestry and Tourism.

*\* Environmental Impact Assessment Report to be attached*

**(ii) Estimate of effect which proposed mining will have on environment and proposed steps to be taken to prevent or minimise resulting damage \***

Rehabilitation: Rehabilitation plan will be included in the Environmental Management Plan (EMP) for the mining licence.

Audit: Environmental audits will be carried out as recommended in the management plan. Due to the negligible impacts on the area an environmental audit is will only be scheduled for production phase.


\* *Environmental Management Plan to be attached*

ECC – 01704	Serial: DUaRoX1704
	
<p><b>REPUBLIC OF NAMIBIA</b>  <b>MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM</b>  OFFICE OF THE ENVIRONMENTAL COMMISSIONER</p>	
<p><b>ENVIRONMENTAL CLEARANCE CERTIFICATE</b>  ISSUED</p>	
<p>In accordance with Section 37(2) of the Environmental  Management Act (Act No. 7 of 2007)</p>	
<p>TO</p>	
<p><b>Africa Big Rhino Mining (Pty) Ltd</b>  P.O. Box 3570, Windhoek.</p>	
<p><b>TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY</b></p>	
<p><b>The Proposed Exploration Activities for Exclusive Prospecting License  (EPL) No. 7720 located northeast of Karibib, Erongo Region, Namibia.</b></p>	
<p>Issued on the date: <b>2021-10-27</b>  Expires on this date: <b>2024-10-27</b></p>	
<p><i>(See conditions printed over leaf)</i></p>	
<p><small>This certificate is printed without erasures or alterations</small></p>	
	





*\* Documentary proof to be attached*

**SECTION H – MINING PROGRAM**

**Envisaged mine development \***

Date of commencement of - mine development - mining  - ore treatment	October/November 2022
	November/November/December 2022
	Early 2023
Capacity of production	4500 tonnes
Scale of operations	Large scale (total resource estimate 63 million tonnes)

*\* Documents detailing technical viability, mine planning, forecasts of estimated expenditure and financial feasibility studies, with applicable plans, to be attached.*

**Mining method**

Marble stone quarrying sector has some differences compared to other mining sectors. As is well known in the former sector the extractive methods that are employed (i.e., combined drilling-diamond wire cutting and chain saw cutting with limited use of smooth blasting) to produce squared decorative stone blocks of commercial dimensions and prescribed commercial aesthetical quality at a quarry are different from those used in the metallic and industrial minerals extractive sector.

Mining method can be summarised as follows:

- Horizontal cutting by a diamond wire saw;
- Vertical stringing hole drilled by a vertical hole drill;
- Two vertical planes sawed with a diamond wire saw;
- A cushion layer (made up of the crushed stone and soil formed by a front-end loader on the working bench);
- Tilting down of the rectangular stone by a hydraulic jack and cushion;
- Rough blocks cut by a diamond wire saw;
- Separating and reshaping with a diamond wire saw;
- Loading of rough blocks by a large capacity fork loader; and
- Cleaning conducted by a front-end loader at the working surface.




13	A registered letter of notification to existing licence holders (Section 69(2)(g)(i))
14	Any other supporting document

**Compiled by :Nerson Tjelos**

**Capacity :Consulting Geologist**

**Signature :**



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