



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	Rediga Schiefer
2.2 Name of Claim Holder (if different from 2.1)	N/A
2.3 Telephone, Fax , Cell phone and/ or E-mail	Tel: Fax: E-mail: redigaschiefer@yahoo.com Cell phone: 0818514544
2.4 Postal Address Residential/ Registered Address	P.O.Box 30, Usakos, Namibia Sonop street 16, Erf 48, Usakos, Namibia
2.5 Reference Number	NEPL no: 4201 Expiry: 12 July 2024
2.6 Registered No.(s)	Mining Claim no. 69792
2.7 Location, district and Region of claim	Farm Goabeb no.63, Karibib District, Erongo Region

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2.8 Minerals to be mined	Semi-precious 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
2	Usakos

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.)

I will operate my small-scale mine from Usakos, thus use only pre-packed food and drinks.
The resultant litter will be removed from the mining site on a daily basis and be dispose of in my garbage bin at my house in Usakos.

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.)

The vehicle, mining equipment and machinery will be maintained in good condition and service off-site in town. No production of industrial waste is envisioned. However in the case of an accidental oil spill the contaminated soil will be cleaned up immediately and dispose of at the nearest approved landfill site.

3.1.3 Describe what type of **toilet facilities** will be provided

An existing toilet facility will be provided in mitigating the environmental impact of my small-scale mining activity. This pit latrine type toilet facility was made available to me by a nearby farmer for the duration of my mining activity.
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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: 1 X Bakkie

Earthmoving equipment: 1 X Excavator and loader

Drilling equipment: 1 X Jackhammer

Other equipment or machinery: 1 X Industrial air compressor

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....)

Physical land disturbance and potential loss of topsoil during the mining phase.
Impact on local biodiversity and habitat disturbance with respect to bird life, reptiles and invertebrates.
Potential impact on air quality by dust and exhaust fumes generated by vehicle, mining equipment and machinery.
Vibrations and noise associated with exploration activities may be a nuisance to communal farmers.
We are currently utilizing basic artisan mining tools, but should the need arises we shall make use of the above mentioned mining machinery and equipment.
The probability of habitat destruction or modification was found to be low due to low biodiversity in the focus project area.
The scale of mining is also small considering the size of the mining claim which is 18 hectares.
We are committed to minimizing our potential impact on the environment. Hence we operate in compliance with all relevant environmental legislation and strive to use pollution prevention and environmental best practices in everything we do.

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

Vehicle movement shall be restricted to existing fence-lines, roads and tracks wherever possible.
Where it is unavoidable that vehicle and machinery need to create new roads or tracks, these new access routes shall be carefully planned so as not to cause unnecessary environmental damage.
In any event, no new road may be established without the prior approval of the landowner.

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).

Vehicles will use the D1935 road and existing farm tracks to access my mining claim.
I will only make use of the existing road and farm tracks, hence not create new access routes.

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 ?

N/A

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 consumption	210 L	Water shall be used sparingly.
Toilet facility	1500L	Water shall be used sparingly.

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

I shall get my drinking water from my home in Usakos, while the farm borehole supplies the toilet facility with water.
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3.3.3 Explain how you will minimise or completely avoid polluting any water source, including underground water.

I shall not make use of any toxic or hazardous chemicals and materials.
The existing toilet (pit latrine) is built to standard and situated far from the borehole.

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.

A few of the communal farmers live within the boundaries of my mining claim.
Their economic activities consists of agriculture, horticulture and animal husbandry.

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3.4.3 If "yes" in (3.4. 1) explain what you will do to maintain a good relationship with such people.

I will exercise my rights reasonably, so that I do not adversely affect the rights and interests of the
communal farmers.

3.4.4 Will the activities on your claim restrict the movement of other people in the area ?
(e.g. the general public, tourists, farmers, local people, etc.)

Yes No Unsure

3.4.5 If "yes" for 3.4.4. please explain why their movements or access will be restricted

N/A

3.5 Protection of plants and wildlife

3.5.1 How will you ensure that your activities will not cause unnecessary damage to **plants and wildlife** in or near your claim (e.g. hunting, plant collecting, fishing, etc.) ?

Vegetation at the project area was found to be low-density thornbush savanna, with barren areas and very little undergrowth.
The project site area has no residential wildlife and does not form part of the migration routes of wild animals in the Erongo region.
I am operating my small-scale mine from my home in Usakos, thus not add to the existing stress on the environment with regard to the ongoing communal farming activities at my mining claim.
No hunting, wood or plant collecting shall be performed within the prospecting or surrounding area.
Every effort shall be made to avoid starting veld fires. Should a fire occur as a direct or indirect result of my mining activity, I shall make every reasonable effort to extinguish such fire.
Only the existing roads and tracks shall be used to access the mining area, because no new access routes are needed.
My exploratory mining operation shall consist of shallow trenching within the focus project area and conserving the affected vegetation as far as possible.
Mining shall be conducted in a safe and orderly manner with due regard to the protection and preservation of the natural environment.

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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

N/A

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

I will comply with the national heritage guidelines and regulations throughout the life-span of the proposed activity, therefore any new archaeological finds will be reported to the National Heritage Council for appropriate handling of such.

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

BS.

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

The semi-precious stone deposit is located within a north-northeast striking pegmatite swarm, which are hosted in metasedimentary rocks and overburdened by streambeds downhill.
My small-scale exploratory mining operation shall consist of a series of shallow trenches based on the geological nature of the deposit.
Exploration commenced at my prospect trench with systematic land clearance. Fortunately only small scale vegetation clearing is required due to the semi-arid climate and rocky terrain at my mining claim.
The mines pre-production phase is now at an advanced stage with production expected in due course.
We have up to date excavated seven separate shallow trenches in a pegmatite body. This was done in order to fast-track my exploratory mining operation and mitigate environmental damages.
Basic artisan mining tools are being utilize to break the naturally fractured pegmatite body in tracing a mica vein back to its source.
The resultant waste rock and topsoil are being dumped along the sides of the trenches.
The yield shall be recovered once we discover a gem-bearing miarolitic cavity.
We have also started to rehabilitate environmental damages on a continuous basis.
The trenches and abandoned prospect pit are systematically back filled with waste rock and topsoil, and the mining area rehabilitated to as near possible a natural state.

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.)

Considering that the mining claim is situated at a communal farming settlement, there are unfortunately
existing and ongoing environmental damages not caused by my mining activities . These include litter
junk scattered around, collecting of firewood and all other farming related environmental damages.
There is also an abandoned prospect pit.

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.


 Rediga Schiefer
 Claim Holder

..... Usakos 8 July 2024
 Place Date



MINING CLAIM NO. 69792

Location coordinate: Latitude 21°56'56.34"S, Longitude 015°34'09.80"E | Situated: Farm Goabeb 63, Karibib District, Erongo Region
Office: Erf 48, Sonop Street, Erongosig, Usakos | P. O Box 30, Usakos, Namibia | Tel: 0818514544 | E-mail: redigaschiefer@yahoo.com

Department of Environmental Affairs

3 July 2024

Ministry of Environment, Forestry & Tourism
Phillip Troskie Bulding, 2nd floor
Government Office Park
Cnr Robert Mugabe &
Dr Kenneth Kaunda Street
Private Bag 13306
Windhoek
Namibia

Dear Sir/Madem

RE: RENEWAL APPLICATION FOR AN ENVIRONMENTAL CLEARANCE CERTIFICATE

I hereby apply for an Environmental Clearance Certificate for the continued operation of my small scale mine within the boundaries of Mining Claim no.69792, situated on farm Goabeb no.63 just north of Usakos town.

My small scale mining project is well on track with production expected in due course. We are committed to minimizing our potential impact on the environment. Hence we operate in compliance with all relevant environmental legislation and strive to use pollution prevention and environmental best practices in everything we do.

The relevant documentation is included in support of my application to the Environmental Commissioner. Please refer to the enclosed documents. Thank you for your attention to my Environmental Clearance Certificate renewal application.

Yours sincerely,



Mrs. Rediga Schiefer
Holder of Mining Claim
Tel: 0818514544

Enclosed are a copy of my Application for the Renewal of the Registration of Mining Claims, Pro-Forma Environmental Contract, Environmental Questionnaire for Mining Claims in Namibia and Mining Claim no.69792 physical maps.

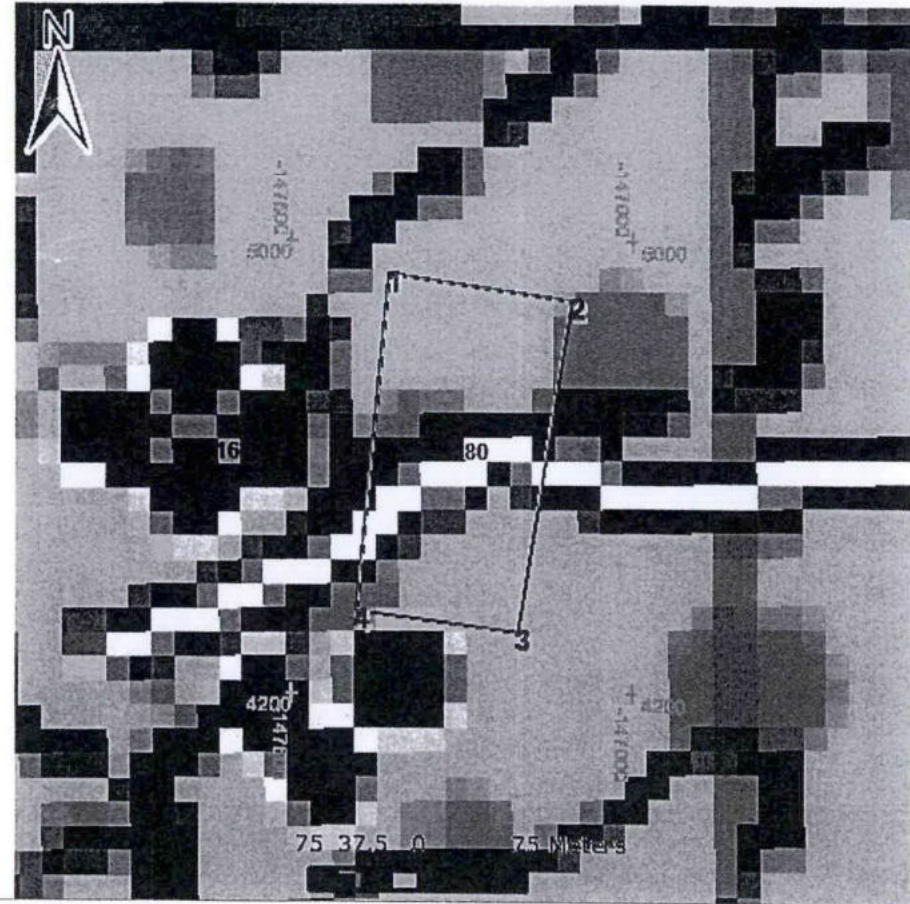
N.L.
R.S.

Coordinates

License Shape

Official Area: 18.2495 Ha
Coordinate system: GCS Bessel 1841

Part 1	Latitude	Longitude
1	21° 56' 56.34" S	015° 34' 09.80" E
2	21° 56' 58.02" S	015° 34' 21.08" E
3	21° 57' 16.95" S	015° 34' 17.52" E
4	21° 57' 15.63" S	015° 34' 07.59" E





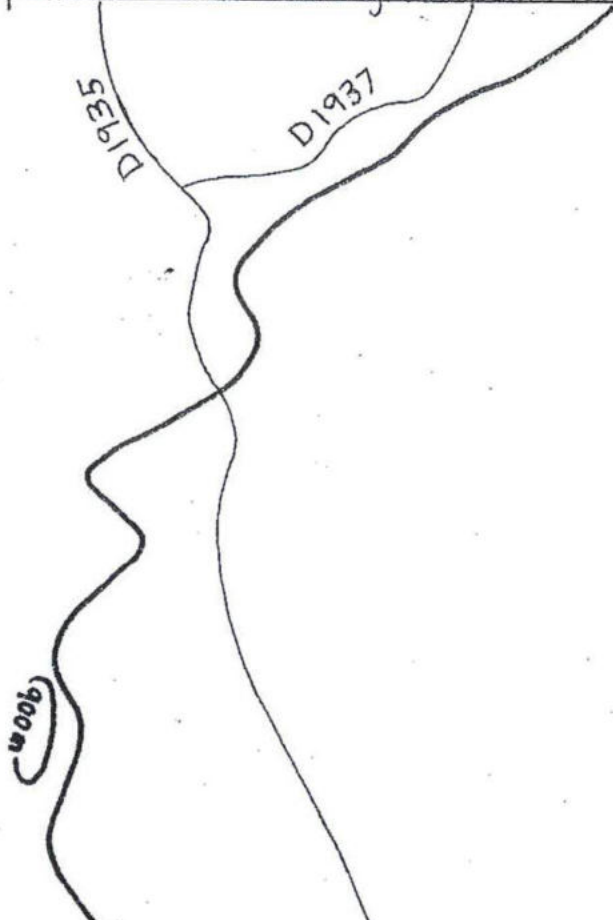
Legend

- Claim 1
- B2 Highway
- Gravel Road
- Khan River
- Power Line
- Railway
- Dam
- Farm Track
- Usakos Town
- Township
- Usakos State Hospital

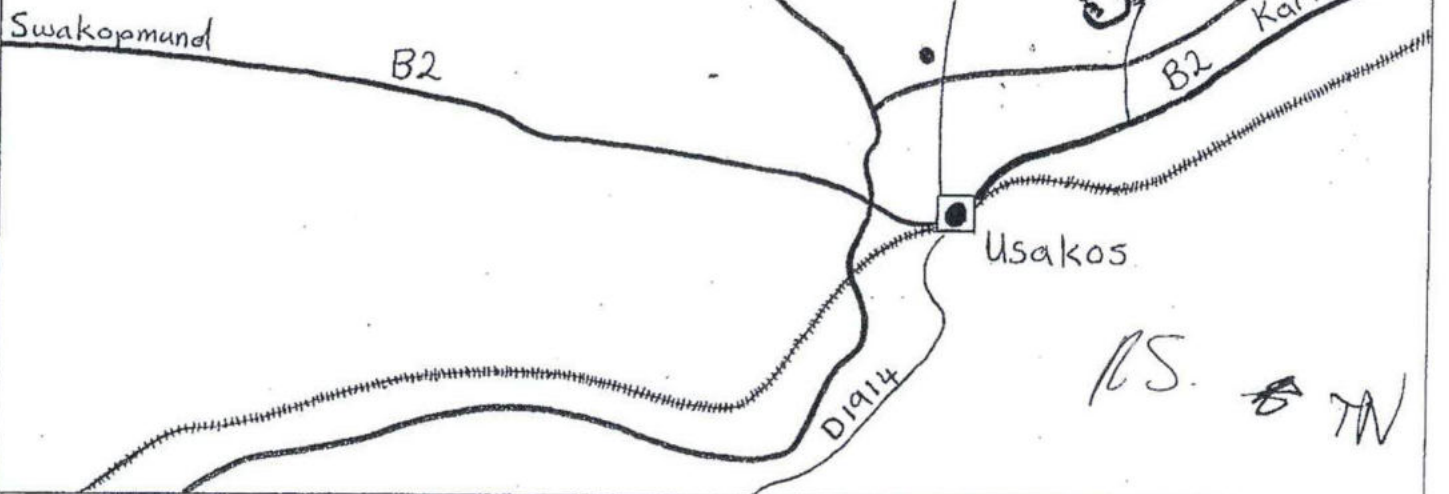
Scale 1:50 000

pegger R. Schuf

Date 20-02-2016



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15.56938966	15.57252273
Middle beacon	Middle beacon
-21.95434032	-21.95470858
15.56877619	15.57153333



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REPUBLIC OF NAMIBIA

MINISTRY OF MINES AND ENERGY

**APPLICATION
FOR THE RENEWAL OF THE REGISTRATION OF MINING CLAIMS**
(Required in terms of Section 38 of Act 33 of 1992)

Receipt No:	Date entered in FLEXI:
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Reference: 14/2/2/1/2/: 4201

Full name of applicant: Rediga Schiefer

Postal Address: P.O.Box 30, Usakos

.....

Residential/Registered Address: SONOP STREET 16, ERF 48, USAKOS

.....

Contact Details: Telephone Home: Telephone Work:

Fax: Cell phone: 0818514544 Email: redigaschiefer@yahoo.com

Are mining operations ongoing as per section 31(1)(a) of the Act?
 Are all monthly reports submitted as per section 45(1) of the Act?
 Are all claim fees paid up as per section 123(1)(b) of the Act?

YES	NO
X	
	X
X	

If the answer is "NO" to any of the questions, please submit an explanation for the failure to comply with the requirements of the mentioned sections of the Act: . . It became evident that the explored pegmatite body was much larger than our initial finding. This oversight was due to weathering and overburden of the pegmatite, hence the current pre-production phase. The phases before production begins can be prolonged and expensive. As such I was unable to submit monthly reports with regards to production and sales. Nevertheless I did submit a few monthly reports for the current mining claim term in addition to the previous mining claim term's annual reports.

Details of any change in personal or corporate particulars, or particulars relating to an accredited agent, must be provided on the prescribed form in terms of Section 41(1)(j) of the Act and appended to this application.

Indicate the attachment of any of the following forms:

	YES	NO
Change in Personal Particulars		X
Change in Corporate Particulars		X
Change in Particulars of Accredited Agent		X

*** Particulars of Mining Claim/s which registration is/are to be renewed must be noted on page 4 of this application form.**

Particulars of mining operations carried out on the mining claim/s whose registration is/are to be renewed, in the registration period immediately preceding this application.

Nature of Operations: (tick appropriate box)

Open-Cast	<input checked="" type="checkbox"/>
Underground	<input type="checkbox"/>
Both	<input type="checkbox"/>

Period/s of operation/s:

From13 OCTOBER ... 20 17 To .. 3 August 20 23 ..

From 20 To 20

From 20 To 20

Tonnes Mined:

- * The total of the **WASTE** plus **ORE** must be equal to the **TOTAL**;
- * The **MEASURING UNIT** used should be the **SAME** at **ALL TIMES** (tonnes, grammes, kilogrammes, etc). The unit must be indicated after each measurement!!!

Total . 200T est . Waste: . 200T est . Ore: .. N/A

Nature of Ore Mined: Semi-precious stones are very hard mineral crystals which are translucent with fine colour in their purest forms. The deposit is located in a semi-precious stone bearing pegmatite outcrop within the Central Zone of the Damara Oregon about 5km north of Usakos town.

Nature of Beneficiation of Ore: Successive stages of beneficiation, including cutting, polishing and treatment (such as heating, waxing or dyeing), increase gemstones market prices by around 50 percent, on average. However I will also take into account important aspects of trade with rough stones once production commence.

Mineral Product(s) Recovered: None due to the mine's pre-production phase.

Nature:	Mass/Volume:	Value:
.....
.....

Mineral Product(s) Sold or Disposed of: None.

Nature:	Mass/Volume:	Value:
.....
.....

Total Expenditure Incurred: N\$. 187,000.00 Total Number of Residents at Mine: ..0

Average Number of Employees: . 2 Total Wages Earned: .N\$. 187,000.00

Particulars of the condition of, and any existing damage to, the environment at the time of this application:

AREA AFFECTED BY -	EXTENT IN HECTARES
OPEN-CAST WORKINGS	6 Ha
UNDERGROUND WORKINGS	
PROCESSING PLANT	
WASTE DUMPS/SLIMES DAMS	
EMPLOYEES HOUSING	
OTHER : Communal farming activity	18.2495 Ha

Indicate the planned nature of ongoing mining operations: . I plan to expand my small scale mining operation with a series of shallow trenches within a north-northeast striking pegmatite swarm. Basic artisan mining tools are being used to brake the naturally fractured pegmatite in exploring for semi-precious stone bearing cavities. The resultant waste rock are being dumped along the sides of the trenches. After exhausting the reserves, my environmental rehabilitation shall commence.

Estimate effects of ongoing mining operations on the environment and proposed steps to minimize or prevent such effects: The mines pre-production phase is at an advanced stage. We are in the process of excavating six shallow trenches along a pegmatite body in order to fast-track my exploratory mining operation and minimise environmental damage. I do not make use of any toxic or hazardous chemicals and materials. Mining is conducted in a orderly and controlled manner, conserving the affected vegetation as far as possible.

Furnish details of any other matter which in the opinion of the applicant is relevant to the application: . . My mining claim is situated at a communal farming settlement within the boundaries of EPL5880. I will exercise my rights reasonably, so that I do not adversely affect the rights and interests of the communal farmers. I shall maintain good relations with the surrounding communal farmers and not deny any person transit rights through my mining claim.

In the case of all applicants, attach to this application certified copies of any documents which relate to changes in personal/corporate particulars, or those of any accredited agent, referred to on page 1 of this application.

The prescribed annual mining claim fee of N\$50-00 per claim must be attached to this application (cheques to be paid in favour of the Mining Commissioner).

I declare to the best of my knowledge that the information contained in this application is true and correct. Any false and/or misleading statement made in this application shall render this application invalid and shall lead to the cancellation of the mining claims.

Rediga Schiefer
FULL NAME OF APPLICANT


SIGNATURE OF APPLICANT

1 August 2023
DATE

Claim holder
OFFICIAL CAPACITY

(Claim holder; accredited agent; member; director)

Please note that in terms of the provisions of Sub-sections 133(b) and (c) of Act 33 of 1992, any person who:

- makes or causes to be made in connection with any provisions of this Act any statement which is false or misleading knowing it to be false or misleading; or
- submits or causes to be submitted in connection with any application or any notice, report, return or statement issued or given under any provision of this Act or the terms and conditions of any non-exclusive prospecting licence, mining claim or mineral licence, any document, information or particulars which are false or misleading knowing them to be false or misleading.

shall be guilty of a criminal offence and on conviction liable to a fine not exceeding N\$8 000 or to imprisonment for a period not exceeding 12 months or to both such fine and such imprisonment.

Particulars of Mining Claim/s whose registration is/are to be renewed:

DATE OF PEGGING	ORD. NO.'S	REGISTERED NO.'S	FARM NAME <u>AND</u> NUMBER	MAGISTERIAL DISTRICT/REGION	GROUP(S) OF MINERAL(S)	NAME <u>AND</u> POSTAL ADDRESS OF LAND OWNER
20/02/2016	1	69792	GOABEB , No. 63	KARIBIB / ERONGO	SEMI-PRECIOUS STONES	GOVERNMENT OF THE REPUBLIC OF NAMIBIA