



Submitted to: Navachab Gold Mine (Pty) Ltd.
Attention: Mr George Botshiwe
Farm 58 Karibib
PO Box 150
Karibib
Namibia

REPORT:

EXPLORATION ACTIVITIES ON EPL 999 AND EPL 3275 – COMPLIANCE REPORT

PROJECT NUMBER: ECC-107-301-REP-27-D

REPORT VERSION: REV 01

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Client Company Name: Navachab Gold Mine (Pty) Ltd.

Client Name: Mr George Botshiwe

Ministry Reference: ECC – 00227 and ECC - 00182

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ENVIRONMENTAL COMPLIANCE CONSULTANCY CONTACT DETAILS:

We welcome any enquiries regarding this document and its content. Please contact:



Environmental Compliance Consultancy PO Box 91193, Klein Windhoek, Namibia

Tel: +264 81 669 7608

Email: info@eccenvironmental.com

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TERMS AND ABBREVIATIONS

ABBREVIATIONS	DESCRIPTION
AN16	Anomaly 16
DEA	Directorate of Environmental Affairs
ECC	Environmental Compliance Consultancy
EIA	environmental impact assessment
EPL	exclusive prospecting licence
HME	heavy mobile equipment
km	kilometre
KMCC	Karibib Mining and Construction Company (Pty) Ltd
MEFT	Ministry of Environment, Forestry and Tourism
MD	mining director
MME	Ministry of Mines and Energy
Navachab	QKR Namibia Navachab Gold Mine
OEMP	operational environmental management plan
RC	reverse circulation
SSEE	safety, security, environment and emergency department



1 INTRODUCTION

1.1 COMPANY BACKGROUND

QKR Navachab Gold Mine (Navachab), mainly an open cast operation, started production in 1989. The mine was wholly owned by AngloGold Ashanti Namibia (Pty) Ltd up to 30 June 2014 when shareholding was transferred to QKR and Epangelo Mining. Underground mining activities commenced in the main pit in 2021. Regional exploration activities are ongoing as the company seeks to extend its mine life and expand its ore reserves.

QKR Namibia Navachab Gold Mine (Pty) Ltd holds exclusive prospecting licence(s) (EPL) 999 and 3275.

Environmental Compliance Consultancy (ECC) has been engaged by Navachab, referred to hereinafter as the Proponent, to prepare the application to renew the environmental clearance certificates. The Proponent currently holds a valid environmental clearance certificate for exploration activities on EPL 999 and EPL 3275, for which a renewal is being applied. As part of this application, an environmental compliance desktop audit has been undertaken to determine the status of compliance with the environmental management plan.

Navachab is located near the town of Karibib in Namibia. Karibib is situated approximately 170 km northwest of Windhoek, the capital of Namibia (Figure 1). The locations of EPL 999 and EPL 3275 are depicted in Figure 2 and Figure 3, respectively.

ECC has compiled an operational environmental management plan (OEMP) (Appendix D) in terms of the Environmental Management Act (EMA), No.7 of 2007 and its regulations of 2012 for Navachab's activities. Environmental compliance for EPL activities forms part of this OEMP.



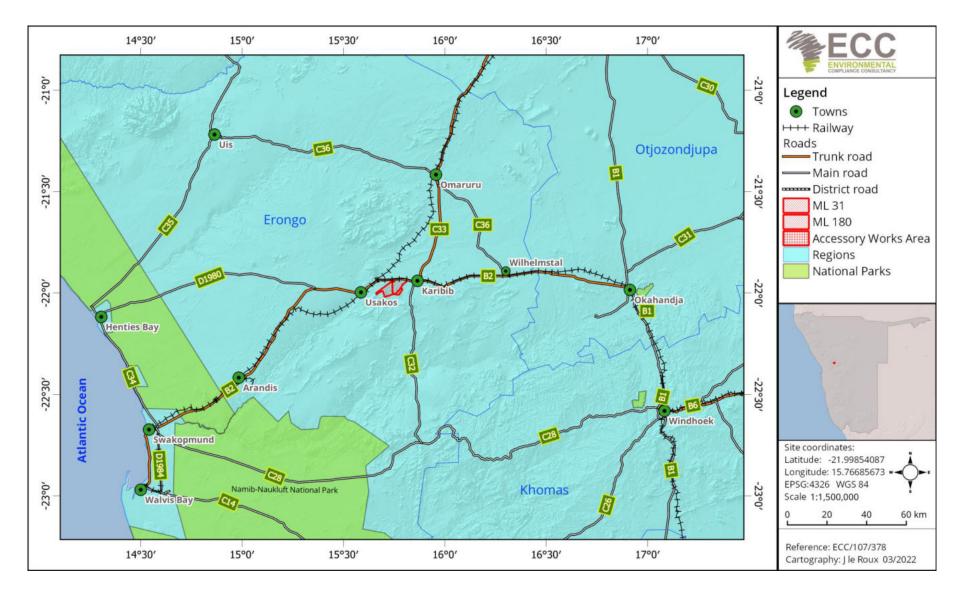


Figure 1 - Locality map showing the location of Navachab Gold Mine



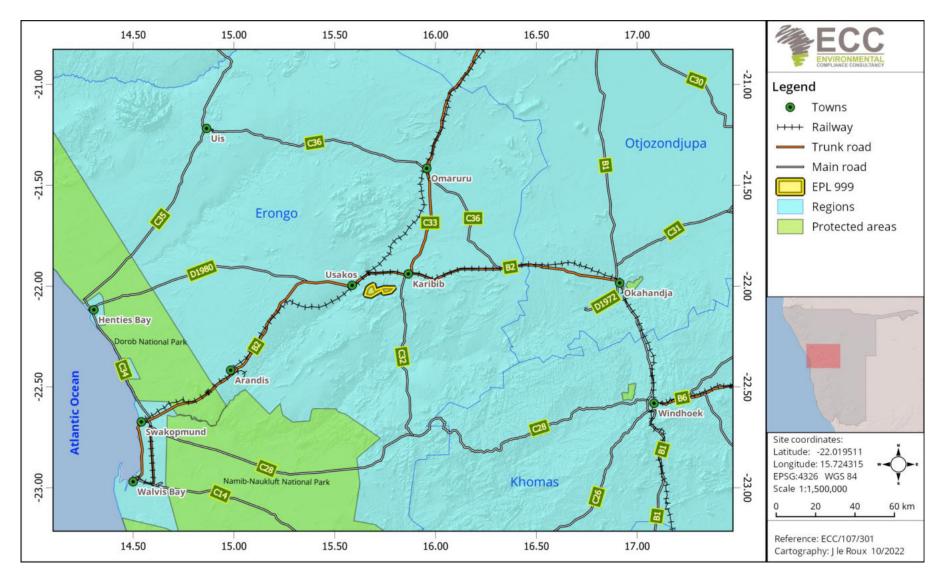


Figure 2 - Locality map showing the location of EPL 999



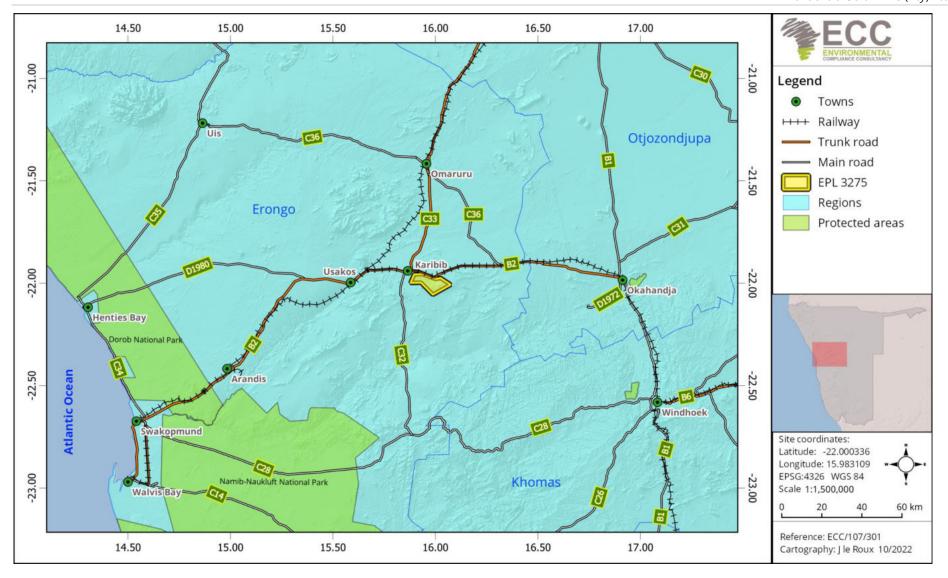


Figure 3 - Locality map showing the location of EPL 3275



1.2 THE PROPONENT OF THE PROPOSED PROJECT

QKR Namibia Navachab Gold Mine (Pty) Ltd is the Proponent for the project. The Proponents' details are provided in Table 1.

Table 1 - Proponents details

Company Representative:	Contact Details:	
Mr George Botshiwe	PO Box 150 Karibib	
Managing Director (MD)	Namibia	
	George.Botshiwe@navachab.com.na	
	+264 (64) 555 2012	

1.3 Environmental assessment practitioner

Environmental Compliance Consultancy (ECC) (Reg. No. CC 2013/11401) has prepared this renewal report and on behalf of the Proponent.

This report has been authored by employees of ECC, who have no material interest in the outcome of this report, nor do any of the ECC team have any interest that could be reasonably regarded as being capable of affecting their independence in the preparation of this report. ECC is independent from the proponent and has no vested or financial interest in the project, except for fair remuneration for professional fees rendered based upon agreed commercial rates. Payment of these fees is in no way contingent on the results of this report or the assessment, or a record of decision issued by Government. No member or employee of ECC is, or is intending to be, a director, officer, or any other direct employee of Navachab Gold Mine. No member or employee of ECC has, or has had, any shareholding in Navachab Gold Mine.

All compliance and regulatory requirements regarding this report should be forwarded by email or posted to the following address:

Environmental Compliance Consultancy PO Box 91193, Klein Windhoek, Namibia

Tel: +264 81 669 7608

Email: info@eccenvironmental.com



1.4 PURPOSE OF REPORT

The purpose of this report is to document the findings of a desktop environmental compliance audit, which accompanies the renewal application for the environmental clearance certificate for EPL 999 and EPL 3275.

The approved OEMP for the existing environmental clearance certificate is audited to monitor the proceeds of the project and ensure that all measures stipulated in the document are met and effectively adhered to, as required by the Department of Environmental Affairs (DEA). In an event where the project activities are altered, the OEMP is required to be revised and amended accordingly. As Navachab is an operational mining site, activities on the EPLs are routinely monitored, inspected and audited by the mine's Safety, Security, Environment and Emergency (SSEE) Department. ECC provides support and conducts monthly inspections and/or audits of the operational activities, as needed compliance of EPL 999 and EPL 3275 is incorporated into these audits when active exploration is occurring.

As per the Environmental Management Act, No. 7 of 2007 and its EIA Regulations of 2012, exploration activities on EPL 999 and EPL 3275 cannot be undertaken without a valid environmental clearance certificate. The exploration activities at EPL 999 and EPL 3275 proposes to assess the viability of precious metals in these EPL areas. The proposed methods of exploration have minimal impacts and rehabilitation of the natural vegetation is done as per the approved OEMP and procedure PR/ENV/502 – Exploration activities.



2 BACKGROUND TO EPL 999 AND EPL 3275

EPL 999 was granted to Erongo Mining and Exploration company on the 21 July 1999 and a name change transfer to QKR Namibia Navachab Gold Mine (Pty) Ltd was endorsed on the 06 March 2015 with the Ministry of Mines and Energy (MME). An environmental clearance certificate was issued to by the Ministry of Environment, Forestry and Tourism (MEFT) on the 07 September 1999.

EPL 3275 was granted to AngloGold Ashanti Namibia (Pty) Ltd on the 07 July 2005 and a name change transfer to QKR Namibia Navachab Gold Mine (Pty) Ltd was endorsed on the 06 March 2015 with the Ministry of Mines and Energy (MME). and an environmental clearance certificate was issued to by the Ministry of Environment, Forestry and Tourism (MEFT) on the 22 February 2006.

Both EPLs are located close to Karibib, on respective farms. EPL 999 is 4825.8129 hectares in size and EPL 3275 is 10920.5112 hectares in size.

The Proponent wishes to continue with exploration activities on the exclusive prospecting licence(s) (EPL) 999 and 3275 for precious metals.

2.1 Renewal activities

As part of the exploration programme, the following activities are envisaged:

- Soil sampling and geochemistry analysis
- Geophysical surveys (magnetic)
- Geophysical surveys (airborne and ground including induced polarisation)
- Standard exploration activities for gold exploration
- Drilling: RC and diamond drilling
- Maintenance of access roads
- Rehabilitation of drill sites



3 ENVIRONMENTAL COMPLIANCE AUDIT

3.1 SITE ACTIVITIES

3.1.1. Annual monitoring

An environmental report is submitted to the Ministry of Environment, Forestry and Tourism annually reporting on periods from 01 March of the previous year to 31 March in the current year. These reports report on compliance with regards to the activities taking place on-site. These reports are located in Appendix C.

3.1.2 Activities for the monitoring period

Work carried out during the reporting period includes the following per EPL;

EPL 999:

- In 2019 exploration mainly concentrated on soil sampling and was completed in November 2020.
- Geophysical surveys (magnetics) were carried out in the second half of 2020, to firm up on gold-in-soil (Au) anomalous zones obtained from soil geochemistry.
- Geophysical surveys (induced polarisation IP) was carried out in the first half of 2021, to firm up on magnetic anomalies and create drill targets.
- Drilling of the Au-in-soil anomalous zones, firmed up by geophysics, was carried out on the first half of 2021.

EPL 3275:

- Geophysical surveys (magnetics) were carried out in the second half of 2020 and second half of 2022, to firm up on Au-in-soil anomalous zones obtained from soil geochemistry in 2019.
- Drilling started in the first half of 2021 to follow up on latest geophysics (magnetics) targets and infill on old drilling.

3.2 ANNUAL COMPLIANCE AUDIT

Furthermore, the approved OEMP covers all adverse environmental impacts, including any additional potential impacts that may result from the exploration activities on EPL 999 and EPL 3275. The OEMP and on site operational procedures provides the technical details for each mitigation, monitoring and institutional measure, including the impact(s) to which it relates and the conditions when required, together with designs, equipment descriptions and operating procedures as granted.



3.3 COMPLIANCE AUDIT FINDINGS

This section outlines the findings of the environmental audit completed for the EPLs. It addresses obligations in terms of the key Acts that govern the activities on site, the commitments made in the OEMP and/or related procedures (namely PR/ENV/502 – Exploration activities), and present the findings and recommended corrective actions where applicable (Table 2).

The OEMP and operational procedures:

- Identifies all mineral exploration activities that could cause environmental damage (risks and potential impacts) and provides a summary of actions required;
- Identifies institutions responsible for ensuring compliance with the OEMP and provides their contact information;
- Provides standard procedures to avoid, minimise and mitigate the identified negative environmental impacts and to enhance the positive impact of the proposed activities on the environment;
- Provides for site and exploration rules and actions required;
- Forms a written record of procedures, responsibilities, requirements and rules for contractor/s, their staff and any other person who must comply with the OEMP;
- Ensure zero pollution incidents; minimal vegetation clearing and earthworks, protect local flora, fauna, and water resources; and use water and other natural resources effectively and efficiently.
- Provides a monitoring and auditing programme to track and record compliance and identify and respond to any potential or actual negative environmental impacts, and
- Provides a monitoring programme to record any mitigation measures that are implemented.
- Ensure that an annual environmental audit is carried out by Navachab SSEE department and an independent third party.
- Once exploration has ceased, any impacts shall be rehabilitated.

3.4 Issues of non-compliance

No issues of non-compliance were identified.



Table 2 - Exploration OEMP and PR/ENV/502 (Exploration activities) Audit

Activity	Potential Impacts	Management/Mitigation Measures	Compliance	Comments
Flora and fauna	 Damage to indigenous vegetation 	 The minimize the effects of exploration activities on indigenous vegetation, photographs should be taken before commencement of the activity, on completion of rehabilitation measures, and after one rainy season to monitor the recovery of the vegetation. 	- Compliant	- The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.
	- Injury and/or damages/death to flora and fauna	 No hunting, wood or plant collection is permitted and no firewood may be collected without the concurrence of the landowner. 	– Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.
		 The starting of the veld fires shall be prevented and every effort shall be made to extinguish a fire as quickly as possible should it occur as a direct or indirect result of the company's activities. 	- Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.
Landowners	Negative relations with farm owners and the local community	 Good relationships must be built and maintained with the landowner and local community. 	- Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.



Activity	Potential Impacts	Management/Mitigation Measures	Compliance	Comments
	 Lack of compensation during exploration activities 	- The landowner shall be compensated for any resource used by the crew on site, e.g. the use of water.	– Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.
Roads/Track management	 Negative relations with farm owners and the local community Poor maintenance leading to potential vehicle incidents Injury and/or damages/death to flora and fauna 	 Vehicle movement must be restricted to existing fence lines, roads, tracks, and dry river beds. Should the need arise to create new roads or tracks, they shall be planned so as to cause no unnecessary environmental damage, and only established with prior approval from the landowner. All new roads must be rehabilitated on completion of the project. 	CompliantCompliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures. The Proponent will continue to ensure mitigation measures are in place as per
Trenches and	Initiation and for	- Exploration trenches/pits should be	- Compliant	the OEMP and required procedures. - The Proponent will continue
holes	Injury and/or damages/death to flora and faunaInjury and/or death	Exploration trenches/pits should be backfilled within 8 weeks of completion of the excavation.	- Compilant	to ensure mitigation measures are in place as per the OEMP and required
	to workforce or third parties			procedures.



Activity	Potential Impacts	Management/Mitigation Measures	Compliance	Comments
	MME requirements not adhered too	Drill holes must be capped with cement and tagged with the borehole number.	- Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.
	 Lack of appropriate restoration leading to vegetation not re- establishing Injury and/or damages/death to flora and fauna Injury and/or death to workforce or third parties 	 All sumps used in the drilling process must be backfilled and the area restored as close as possible to its original status. 	- Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.
Infrastructure	 Maintaining good landowner relations 	 If permanent buildings are to be built on the exploration site, prior agreement with the landowner is required. 	– Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.
		Temporary campsites shall be established in agreement with the landowner.	- Compliant	 The Proponent will continue to ensure mitigation measures are in place as per



Activity	Potential Impacts	Management/Mitigation Measures	Compliance	Comments
				the OEMP and required procedures.
Water	 Resource waste and management 	 Any use of water for whatever purpose must be done in consultation with the landowner and the landowner shall be duly compensated for the use of such water. 	– Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.
Hazardous and non- hazardous waste management	 Incorrect management of waste can result in littering, visual pollution, air soil, 	 All drilling and domestic refuse will be deposited on the Navachab Gold Mine or removed off site to a registered landfill site, respectively. 	- Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.
	surface water and/or groundwater pollution	All muck pules must be removed from drill sites and dumped at a suitable site in consultation with the landowner.	- Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.
		 Used oil and grease must be collected in drums and taken to the HME workshop on Navachab Gold Mine. Used oil is collected for recycling. 	– Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.



Activity	Potential Impacts	Management/Mitigation Measures	Compliance	Comments
		 Painting of ricks to mark grids in the field should be done with a water based paint to ensure weathering of the paint with time. 	– Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.
		 Soil and rock on which oil has been spilled must be dealt with as per the spill management plan in the OEMP. 	– Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.
		 Suitable portable chemical toilets must be used on site. The portable toilet must not contaminate the surrounding soil and groundwater. Sewage water must be removed from site on a regular basis by a registered waste removal company. 	- Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.
Resource use	 Inefficient use of water 	– Use water effectively and efficiently	- Compliant	 The Proponent will continue to ensure mitigation measures are in place as per the OEMP and required procedures.



Activity	Potential Impacts	Management/Mitigation Measures	Compliance	Comments
Job creation	– Employment	Maximise local employment and local	- Compliant	 The Proponent will continue
	creation and skills	business opportunities		to ensure mitigation
	development	– Enhance the use of local labour and local		measures are in place as per
	opportunities	skills as far as reasonably possible		the OEMP and required
	during the	 Ensure that goods and services are 		procedures.
	exploration phase.	sourced from the local and regional		
		economy as far as reasonably possible.		

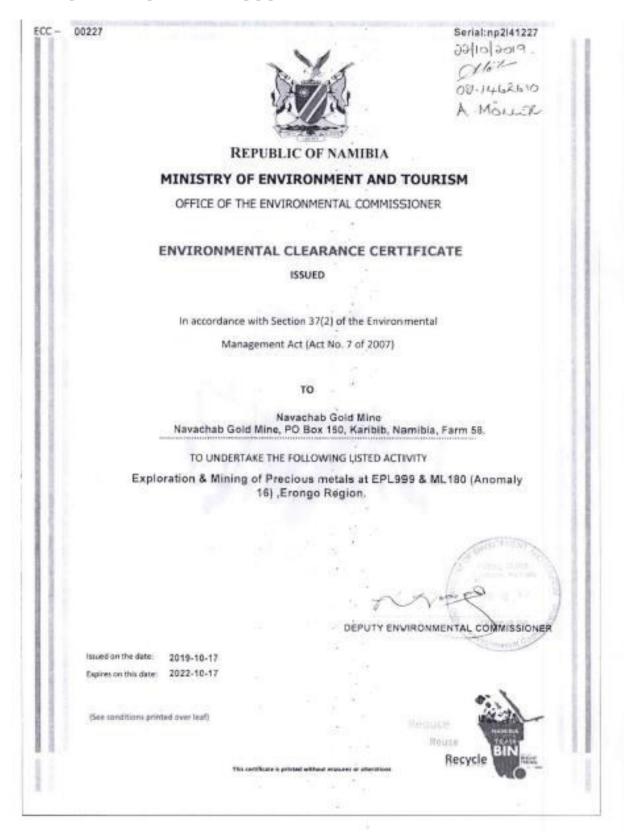


4 CONCLUSION AND RECOMMENDATIONS

All proposed activities shall be carried out in compliance with the relevant requirements and conditions of the granted licence in accordance with the approved OEMP and procedure PR/ENV/502 (Exploration activities). It is recommended that the Proponent continues to adhere to all environmental legislation and company standards to ensure that best practical environmental protection continues as the project activities progress. It is further recommended that annually an independent environmental assessment practitioner conducts an infield audit on both EPLs.

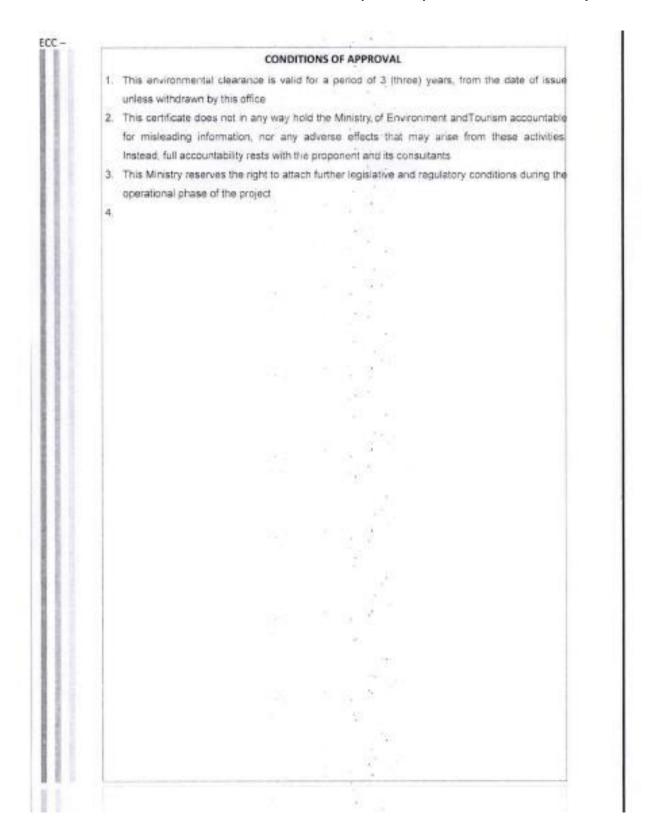


APPENDIX A: ENVIRONMENTAL CLEARANCE CERTIFICATE EPL 999





Exploration Activities on EPL 999 and EPL 3275 – Compliance Report Navachab Gold Mine (Pty) Ltd.





APPENDIX B - ENVIRONMENTAL CLEARANCE CERTIFICATE EPL 3275









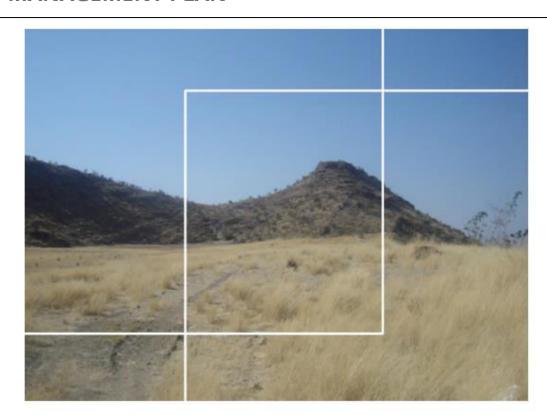


APPENDIX C - ANNUAL REPORTS 2019 - 2022

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APPENDIX D – OPERATIONAL ENVIRONMENTAL MANAGEMENT PLAN





Submitted to: Navachab Gold Mine (Pty) Ltd Attention: Mr George Botshiwe Farm 58 Karibib PO Box 150 Karibib Namibia

REPORT:

NAVACHAB GOLD MINE - OPERATIONAL ENVIRONMENTAL MANAGEMENT PLAN

PROJECT NUMBER: ECC-107-408-REP-02-D

REPORT VERSION: FINAL FOR GRN SUBMISSION

DATE: 25 AUGUST 2022

