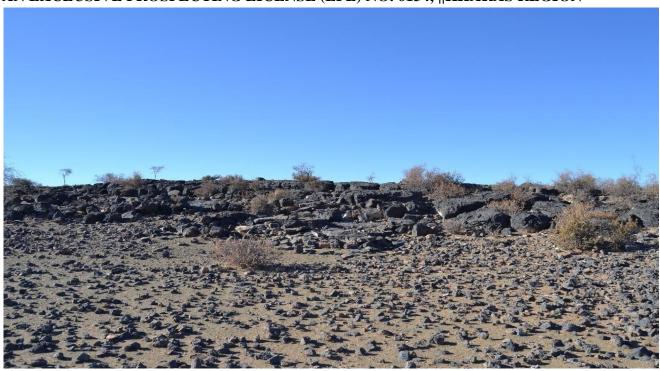


ENVIRONMENTAL MANAGEMENT PLAN FOR MINERALS EXPLORATION ON AN EXCLUSIVE PROSPECTING LICENSE (EPL) NO. 6134, ||KHARAS REGION



Project Information

Project title Exclusive Prospecting License (EPL) No. 6134, ||Kharas Region

Proponent Geo Namib Minerals cc

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February 2022



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1. AIM OF THE DRAFT ENVIRONMENTAL MANAGEMENT (EMP)

Regulation 8 of the Environmental Management Act (EMA) (7 of 2007) Environmental Assessment Regulations (2012) requires that a draft Environmental Management Plan (EMP) be included as part of the Scoping Environmental Assessment (EA) process. A 'management plan' is defined as:

"a plan that describes how activities that may have significant environments effects on the environment are to be mitigated, controlled and monitored."

An EMP is one of the most important outputs of the EA process as it synthesizes all of the proposed mitigation and monitoring actions, set to a timeline and with specific assigned responsibilities. It provides a link between the impacts identified in the EIA Process and the required environmental management on the ground during project implementation and operation. It is important to note that an EMP is a legally binding document and a person who contravenes the provisions of this EMP may face imprisonment and/or a fine. This EMP is a living document and should be amended to adapt to address project changes and/or environmental conditions and feedback from compliance monitoring.

The purpose of this document is therefore to guide environmental management throughout the different phases of the proposed exploration activities, namely prospecting surveys, drilling, sampling (operation) and decommissioning phases:

• Operation and maintenance - This is the phase during operation where the proponent will exploring/prospecting for copper and undertaking related activities on site. It is also the phase during which maintenance of the area, equipment and machinery is done by Aloe Investments 238.



- Environmental Monitoring Requirements In order to support and ensure that the proposed mitigation measures are achieving the desired results, a monitoring plan must be implemented alongside the mitigation plan.
- **Decommissioning** This is the phase during which the exploration activities are ceased. The decommissioning of the exploration operations may be considered due to poor exploration results or declining in the copper market price. During the operational phase and before decommissioning, the Proponent will need to put site rehabilitation measures in place. Where necessary, stockpiling of top soil for rehabilitation at a later stage will be undertaken. Necessary landscaping of exploration areas will be undertaken upon completion of each phase of exploration (drilling, sampling etc.)

The draft EMP will be used by the Proponent and their employees and/or contractors in guiding them during the exploration work to ensure that impacts on the environment are avoided or limited if they cannot be avoided completely.

2. APPOINTED ENVIRONMENTAL ASSESSMENT PRACTITIONER

In order to satisfy the requirements of the EMA and its 2012 EIA Regulations, Geo Namib Minerals cc appointed Candy Consulting cc as an independent consulting company to conduct the required EIA process on their (Proponent's) behalf. The findings of the EIA process are incorporated into this report and the Environmental Management Plan (EMP) which is submitted as part of an application for an ECC to the Environmental Commissioner at the Department of Environmental Affairs (DEA), Ministry of Environment and Tourism (MET).

This document was compiled by Ms. Lilian K. Ondigo, and Mr. Gabriel Joseph, qualified Environmental Assessment Practitioners (EAPs). The details of the Proponent are presented in Table 1 below:

Table 1: Details of the Project Proponent



Full name of Proponent	Contact person & number	Postal Address	ECC Application for
Geo Namib Minerals cc	Mr. Kanime Tuli +264 81 298 9118	P.O.BOX 1642 Windhoek	Mineral exploration activities on Exclusive Prospecting License (EPL) No. 6134, Kharas Region

3. ENVIRONMENTAL ASSESSMENT LEGAL REQUIREMENTS

The content of the EMP must meet the requirements Section 8 (j) of the EIA Regulations. The EMP must address the potential environmental impacts of the proposed activity on the environment throughout the project life-cycle. It must also include a system for assessment of the effectiveness of monitoring and management arrangements after implementation.

Geo Namib Minerals cc therefore has the responsibility to ensure that the proposed activities as well as the EIA process conform to the principles of EMA and must ensure that employees also comply with such principles. Table 2 below lists the requirements of an EMP as stipulated by Section 8 (j) of the EIA Regulations, primarily on specific approvals and permits that may be required for the activities required of EPL 6134.

Table 2: Applicable legal requirements and permits to the activities of EPL 6134

Legislation/Policy/	Guideline Relevant Provisions	Implications for this project
Guideline		



Environmental	Requires that projects with significant	The EMA and its regulations should inform and	
Management Act EMA (No	environmental impacts are subject to an	guide this EA process. Should the ECC be issued	
7 of 2007)	environmental assessment process	to the Proponent, it should be renewed every 3	
,	(Section 27). Details principles which are	years, counting from the date of issue.	
	to guide all EAs.	yours, counting from the date of issue.	
	to guide an Eris.	Contact details at the Department of	
		Environmental Affairs (DEA), Ministry of	
		Environment, Forestry and Tourism (MET)	
Environmental Impact	Details requirements for public	Contact person(s) at MET and their details: Mr.	
Assessment (EIA)	consultation within a given environmental	Damian Nchindo (Chief and Senior Conservation	
Regulations GN 28-30 (GG	assessment process (GN 30 S21). Details	Scientists and EIA Report Reviewer/evaluator)	
4878)	the requirements for what should be	Tel.: +264 61 284 2717 Email:	
	included in a Scoping Report (GN 30 S8)	damian.nchindo@met.gov.na	
	and an Assessment Report (GN 30 S15).	, and the second	
Minerals (Prospecting and	Section 48 (3): In order to enable the	The Proponent should ensure that all the necessary	
Mining) Act (No. 33 of	Minister to consider any application	permits/authorisation for this exploration activities	
1992)	referred to in section 47 the Minister may	(if any) are obtained from the Ministry of Mines &	
	(b) require the person concerned by notice	Energy (MME) Contact person and details at the	
	in writing to (i) carry out or cause to be	MME (Mining Commissioner) Mr. Erasmus	
	carried out such environmental impact	Shivolo Tel.: +264 61 284 8167 Email:	
	studies as may be specified in the notice.	Erasmus.Shivolo@mme.gov.na	
	Section 54(2): details provisions		
	pertaining to the decommissioning or		
	abandonment of a mine		
Petroleum Products and	Regulation 3(2)(b) states that "No person	The Proponent should obtain the necessary	
Energy Act (No. 13 of	shall possess [sic] or store any fuel except	authorisation from the MME for the storage of fuel	
1990) Regulations (2001)	under authority of a licence or a certificate,	onsite. Carlo Mcleod (Ministry of Mines and	
	excluding a person who possesses or stores	Energy: Acting Director – Petroleum Affairs) Tel.:	
	such fuel in a quantity of 600 litres or less	+264 61 284 8291	
	in any container kept at a place outside a		
	local authority area"		



Labour Act 11 of 2007	Adhere to all applicable provisions of the	Division of Labour Service at the Ministry of
	11 1	•
Health and Safety	Labour Act and the Health and Safety	Labour, Industrial Relations and Employment
Regulations (HSR) GN	regulations.	Creation Tel.: +264 61 206 6111
156/1997 (GG 1617).		
Forestry Act 12 of 2001,	Prohibits the removal of any vegetation	Should there be protected plant species, which are
Amended Act 13 of 2005	within 100 m from a watercourse (Forestry	known to occur within the project sites, these are
	Act S22 (1)). The Act prohibits the	required to be removed and a permit should be
	removal of and transport of various	obtained from the nearest Forestry office (Ministry
	protected plant species.	of Agriculture, Water & Forestry(MAWF)) prior
		to removing them.
		to romo ving them.
		Contact Details at MAWF (Director of Forestry
		Mr. Joseph Hailwa Tel.: +264 61 208 7663
		-
		Email: Joseph.Hailwa@mawf.gov.na
National Heritage Act No.	Call for the protection and conservation of	Should any archaeological material, e.g. bones, old
76 of 1969	heritage resources and artefacts.	weapons/equipment etc. be found on the
		exploration sites, work should stop immediately
		and the National Heritage Council of Namibia
		must be informed as soon as possible.
		Contact Details at National Heritage Council of
		Namibia Mr. Salomon April or Dr. Alma Nankela
		Tel.: +264 81 244 375
		15

4. EMP LIMITATIONS

This EMP has been drafted with the acknowledgment of the following limitations:



- This EMP has been drafted based on the Scoping Environmental Assessment (SEA)
 conducted for prospecting and exploration of limestone in the //Kharas Region. No
 specialist study was included as part of the environmental assessment.
- The mitigation measures recommended in this EMP document are based on the risks/impacts in the EIA Report which were identified based on the project description as provided by the Proponent, site investigation and public input. Should the scope of the proposed project change, the risks/impacts will have to be reassessed and mitigation measures provided accordingly.

The following chapter presents the project's roles and responsibilities to be assigned as deemed necessary by the Proponent pertaining to the implementation of this document.

5. EMP ROLES AND RESPONSIBILITIES

The Proponent is ultimately responsible for the implementation of the EMP. Alternatively, the Proponent may delegate this responsibility at any time, as they deem necessary during the project phases. The delegated responsibility for the effective implementation of this EMP will rest on the following key individuals which may be fulfilled by the same person:

Public Relation Officer (PRO): The PRO or PRS will be responsible for the following tasks:

- Liaising between the affected property/land owners and/or occupiers of land and the Proponent.
- Ensure effective communication with stakeholders (affected landowners or occupiers of land), media (if necessary) and the public.
- Organising and overseeing public relations activities.
- Managing public relations issues.
- Preparing and submitting public relations reports, if required.
- Collaborating with personnel and maintaining project-related open communication among personnel.



Exploration Manager (as appropriate): This individual(s) will be responsible for the implementation of the prospecting and exploration program as appointed by the Proponent. The Manager's responsibilities will include:

- Ensure that the relevant commitments contained in the EMP Action Plans are adhered to.
- Setting up and managing the schedule for the day-to-day activities.
- Issuing fines to individuals who contravene EMP provisions and if necessary, removing such individuals from site.
- Ensure relevant staff is trained in procedures.
- Liaison with all relevant interested and affected parties/stakeholders.
- Maintain records of all relevant environmental documentation.
- Undertaking an annual review of the EMP and amending the document when necessary.

Alternatively, the Proponent may delegate an Environmental Officer (ECO) or Safety, Health and Environmental (SHE) Officer from within Geo Namib Minerals cc itself or they may appoint an external ECO to ensure EMP compliance throughout the project life cycle.

Environmental Control Officer (ECO) or Environmental, Health, Safety (SHE) Officer: The Proponent should assign the responsibility of overseeing the implementation of the whole EMP to a designated member of staff or external qualified and experienced person, referred to in this EMP as the Environmental Control Officer (ECO) or SHE Officer.

The ECO will have the following responsibilities:

- Management and facilitation of communication between the Proponent, PR and Interested and Affected Parties (I&APs) with regard to this EMP.
- Conducting site inspections (recommended frequency is monthly during the construction phase and bi-annually for the operation and maintenance) of all areas with respect to the implementation of this EMP (monitor and audit the implementation of the EMP).



- Advising the PR on the removal of person(s) and/or equipment not complying with the provisions of this EMP.
- Making recommendations to the PR with respect to the issuing of fines for contraventions of the EMP.
- Undertaking an annual review of the EMP and recommending additions and/or changes to this document.

5.1 Key Potential Environmental Impacts to be managed

From the assessment conducted, the following key potential negative impacts have been identified per project phase and are summarized in Table 3 below.

Table 3: Summary of key potential environmental impacts per project phase

Potential negative impacts identified in the EA			
1	Health and safety, visual, waste, noise		
2	The monitoring of exploration work impacts in remote locations can be problematic due to difficulties of access		
3	Loss of employment by workers o exploration and contribution to the national economy		

5.2 Aim of the Environmental Management Plan Actions

The aim of the management actions of the EMP is to avoid potential negative impacts where possible. Where impacts cannot be avoided, measures are provided to reduce the significance of these impacts.



Management actions recommended for the potential impacts rated in the EIA carried out for the prospecting and exploration activities were based on the three project phases listed below:

- Operation (surveys, drilling, sampling...) phase (**Table 4**)
- Monitoring (**Table 5**)
- Decommissioning

The responsible persons at Geo Namib Minerals cc should assess these commitments in detail and should acknowledge their commitment to the specific management actions detailed in the phases given under the following subchapters.



5.3 Phase 1: Operation (and Maintenance) Phase Management Action Plans

The management action plans recommended for this phase are presented in Table 4 below.

Table 4: Management action plans for the Operation and Maintenance Phase

Environmental	Impact	Management Actions	Responsible	Timeframe
Feature			person(s) /	(When?)
			Implementation	
			responsibility	
EMP training	Lack of EMP awareness	All personnel should be educated about the necessary	ECO / SHE	Prior to site setup
	and the implications	health, safety and environmental considerations applicable	Officer	activities Ongoing
	thereof	to their respective works.		
Monitoring	EMP non-compliance	The implementation of this EMP should be monitored.	ECO / SHE	Throughout
		An EMP non-compliance penalty system should be	Officer	exploration phase
		implemented on site		
Communication	Lack of communication	A Public Relation Officer (PRO) should be appointed to	Proponent	Pre-exploration
	(proper liaison) between	liaise with the direct or neighbouring landowners affected		activities.
	land/property owners and	(overlain) by EPL 6134.		Throughout the
	Proponent with regards	The PRO contact details should be provided to the		exploration phase
	to land use	landowners prior to undertaking activities for easy		
		communication during the exploration works.		



Employment	Labour requitment	 grievance mechanism should be compiled. A formal written agreement between the Proponent and landowners should be prepared before carrying out exploration on these lands. Continued engagement with landowners / farm owners should be maintained and that grievances are properly addressed. 	Нитоп	Dro avalenties
Employment	Labour recruitment	 Preference for casual works during operational phase should be given to locals. No recruitment should be done on site. Equal opportunities should be given to both men and women 	Human Resources Department	Pre-exploration works
Water Resources Use	Over abstraction leading to the depletion of local aquifer resources	 Water reuse/recycling methods should be implemented as far as practicable especially for drilling works. Water used for equipment should be captured and used for the cleaning of equipment if possible. The Proponent should prioritize the use of reverse circulation (RC) technique as far as possible over diamond drilling which consumes a lot of water. In the case that the exploration works will mainly rely on diamond 	ECO	Throughout exploration phase



Visual (sense of	Visual	All the necessary options to improve the aesthetic of the site	Exploration	Throughout
place)		should be considered and incorporated in the activities of	Manager ECO /	exploration phase
		the prospecting and exploration program.	SHE Officer	
Biodiversity	Loss of biodiversity	Vegetation found on the site, but not in the targeted areas of	ECO/SHE	Throughout
		exploration should not be removed, but left to preserve	Officer/	exploration phase
		biodiversity on the site.	/Exploration	
		Even if a certain shrub or tree is found along drilling and	Manager;	
		sampling areas on sites, this does not mean that it should be	Workers	
		removed. Therefore, care should be taken when exploring		
		for target mineral without destroying the vegetation.		
		Where vegetation clearing and/or damage is unavoidable,		
		permits for clearing protected plant species should be		
		obtained from the nearest Forestry office.		
		Environmental awareness on the importance of biodiversity		
		preservation should be provided to the workers.		
		Personnel should refrain from damaging or cutting down		
		vegetation that is not within exploration site footprints and		
		not necessarily require removal for the exploration		
		activities.		
		The movement of vehicles and machinery should be		
		restricted to existing roads and tracks to prevent		
		unnecessary damage to the vegetation.		



		 No personnel are allowed to, without permission cut down or damage trees belonging to the landowners. 			
Local Services infrastructure	Damage to water pipelines	 Given the fact that some landowners might have buried services such as pipelines buried on their properties, the PRO should consult with owners to help in locating buried water pipelines on their properties (farms) in order to avoid services damage by heavy trucks. Not only services infrastructure, but some sites on the lands may hold cultural values to the landowners, therefore these sites will need to be earmarked and avoided during exploration. The project personnel should not to leave the land / farms' gates open. Project equipment and machinery should not be left leaning on the farm fences (using the private farm/land fences as support). 	PRO ECO	Throughout phase	the
Air Quality	Generation of dust and emissions of hydrocarbons from vehicles may negatively affect the occupational and residential respiratory health	 Exploration schedule should be limited to between 08h00 and 17h00 in order to keep the vehicle-related dust level minimal in the area. Vehicles and machinery on site should be serviced regularly to prevent emission of harmful gases Vehicles and machinery on site should be serviced regularly to prevent emission of harmful 	Exploration Manager ECO / SHE Officer	Throughout phase	the



Waste	General waste	Workers should be sensitised to dispose of waste in a
Generation		responsible manner and not to litter.
		After each daily works, the Proponent should ensure that
		there are no waste left at the work site.
		All domestic and general operational waste produced on a
		daily basis should be contained until such that time it will
		be transported to designated waste sites.
		No waste may be buried or burned on site or anywhere else.
		The exploration site should be equipped with separate waste
		bins for hazardous and general waste/domestic.
		A penalty system for irresponsible disposal of waste on site
		and anywhere in the area should implemented.
	Solid waste during	Provision of animal-proof waste storage containers for
	exploration operations	storage of waste until disposal at a designated disposal site.
		Personnel should dispose of waste in a responsible manner
		and not to litter.
		The project sites should be equipped with different waste
		bins for each waste type (except for sewage that will be
		contained in the provided chemical toilets and/or periodical
		type of pit latrine).
		After each daily works, no waste should be left scattered
		on sites.



		 No waste may be buried or burned on site or anywhere else throughout the exploration drilling duration. All domestic and general waste produced on a daily basis should be contained until such that time it will be transported to designated waste sites on a weekly basis or as required 		
Health and	Health and safety of the	A comprehensive health and safety plan should be compiled	Exploration	Prior to site setup
Safety	workers associated with exploration activities	 All personnel should be trained in/sensitised to the potential health and safety risks associated with their respective jobs. As part of their induction, the workers should be provided with an awareness training of the risks of mishandling equipment and materials on site. When working on site, employees should be properly equipped with personal protective equipment (PPE) such as coveralls, gloves, safety boots, earplugs, safety glasses, etc. No employee should be allowed to drink alcohol prior to and during working hours as this may lead to mishandling of equipment which results into injuries and other health and safety risks. Employees should not be allowed on site if under the influence of alcohol. 	Manager ECO / SHE Officer	activities and as required throughout this phase



Health and	Accidental fire outbreak	•	Portable fire extinguishers should be provided on site.	ECO /	SHE	Throughout	the
safety		•	No open fires to be created by exploration personnel	Officer		phase	
Noise	Potential increase in	•	During exploration, the operational times should be set such	Exploration		Throughout	the
	noise levels in the area of		that, no activity is carried out during the night or very early	Manager		phase	
	operations		in the mornings.	ECO /	SHE		
		•	Exploration drilling activities usually done every day of the	Officer	SHE		
			week in order to meet exploration deadlines and because of	Officer			
			this there will be no limitation to days allocated to this.				
			However, in order to limit the noise from equipment and the				
			movement of vehicles, exploration works should be limited				
			to or only be done between 08h00 and 17h00.				
		•	When operating the drilling machinery onsite, workers				
			should be equipped with appropriate personal protective				
			equipment (PPE) such as earplugs to reduce noise exposure.				
		•	Machinery and vehicles should be serviced regularly so				
			that they function normally without excessive noise.				
Vehicular	The increase in traffic	•	Drivers should drive slowly (40km/hour or less), and on the	ECO /	SHE	Throughout	the
Safety	density and slow moving		lookout for local livestock and wildlife	Officer		phase	
	exploration trucks may	•	All drivers of the project vehicles should be in possession				
	lead to road accidents		of valid and appropriate driving licenses to operate such				
			vehicles.				
		•	Vehicle drivers should adhere to the road safety rules.				





Water and soil	Comprised water quality	Regular inspections and servicing of vehicles and	ECO /	SHE	Throughout	the
pollution	due to fuel and lubricant	machinery off-site or in designated areas.	Officer		phase	
	spills	• Fuels and lubricants must be stored in containers. If stored				
		on the ground, these containers should be placed on a non-				
		permeable surface (e.g. high-density polyethylene plastic				
		sheets).				
		Polluted soil must be collected and transported away from				
		the site to an approved and appropriately classified				
		hazardous waste treatment facility.				
		• Soil contamination should be minimised by lining the				
		ground with durable plastic where necessary.				
		Washing of equipment contaminated hydrocarbons, as well				
		as the washing and servicing of vehicles should take place				
		at a dedicated area, where contaminants are prevented from				
		contaminating soil or water resources.				
		• The exploration effluent/wet waste and hydrocarbons				
		should be contained on site in designated containers and				
		disposed of in accordance to municipal wastewater				
		discharge standards, so that they do not reach to local				
		groundwater systems.				



Poaching of wildlife	Illegal hunting of wildlife (Poaching) by exploration workers	 Chemical used for drilling activities (in the drilling mud) should be non- hazardous and biodegradable (Resilient Environmental Solutions, 2019) Exploration personnel should not hunt wildlife on and around the project sites. Site personnel should refrain from killing/poaching or snaring or intentionally disturbing local animals that may be found on and around the exploration sites. Personnel are not allowed to kill or in any way disturb local livestock. Any project personnel to be found poaching wildlife in the area should be reported to the nearest Police Station or Anti-Poaching Unit. The Proponent should work together with the Police and/or the Anti-Poaching Unit in the area to raise awareness on the negative impact of poaching to the local and regional economy. 	Exploration Manager ECO / SHE Officer	Throughout the phase
Archaeology	Potential disturbance to	Exploration workers should be informed to not destroy	Exploration	Prior to site setup
and cultural	archaeological and	/damage any unknown object found/discovered on site	Manager	activities.
heritage	cultural heritage resources	during exploration operations, but to report these objects to the Exploration Manager or ECO who then informs the National Heritage Council of Namibia (NHC).	ECO / SHE Officer	Ongoing observation



		If any archaeological materials are found, the NHC's	
		Chance Find Procedure should be followed. Furthermore,	
		the worksite manager should be notified and all on-site	
		activities stopped immediately until such a time that the	
		NHC / Archaeologist instructs the site personnel to continue	
		with the work on site.	
		Caution should be exercised when carrying out excavations	
		associated with the exploration activities in the event that	
		archaeological/heritage remains are discovered.	
HIV and AIDS	Potential increase of	The workers should be engaged in health talks and training SHE Officer	During site setup and
(Other STIs)	prevalence of HIV and	about the dangers of engaging in unprotected sexual	throughout
	AIDS, as well as other	relations which results in contracting HIV/AIDS and other	exploration phase
	STIs prevalence.	sexual related infections.	
		Provision of condoms and sex education through	
		distribution of pamphlets. These pamphlets can be obtained	
		from local health facilities.	

5.4 Phase 2: Monitoring Phase Management Action Plans

In order to support and ensure that the proposed mitigation measures are achieving the desired results, a monitoring plan must be implemented. The management action plans recommended for exploration work are presented in Table 5 below.

Table 5: Management action plans for the Monitoring Phase



Environme	Impact	Management Actions/Monitoring	Responsible	Frequency	Threshold	Action if
ntal Feature		Objectives	person(s) /			threshold is
			Implementatio			exceeded
			n responsibility			
Soils	Loss of top soil	All measures should be considered to	SHE Officer /	Weekly	Proliferation of	Rehabilitation of
		prevent the loss of top soil	Exploration		new vehicle	affected areas
			Manager		tracks	
Monitoring	EMP non-	• The ECO or the	ECO / SHE	Daily	Increase in	Daily safety talks,
	compliance	Proponent/Contractor should	Officer		health, safety and	Remedy the
		monitor the implementation of this			environmental	consequences
		EMP to ensure compliance.			damage	
		• The ECO(s) should inspect the site			incidence	
		throughout the exploration period				
		and after completion.				
Biodiversity	Loss of biodiversity	Clear only footprint areas to	ECO Workers	Weekly	Vegetation	Rehabilitation of
		maintain as much of the remaining	involved in this		clearance outside	affected areas to
		natural vegetation on site and to	phase		of marked areas.	the satisfaction of
		prevent loss of habitat outside areas				the SHE Officer
		of interest.				
		No equipment should be left leaning				
		on or on top of the site shrubs or trees				
		during and after exploration work				



Health	and	Health and safety of	•	Exploration v	workers sl	hould be	ECO /	SHE	Daily/Wee	Health and safety	Remedy	the
Safety		the workers		trained on hov	v to handle	e materials	Officer		kly	incident	consequences	
				and equipment	on site (if t	hey do not						
				already know	how to) in	n order to						
				avoid injuries.			Workers					
			•	Exploration	equipme	nt and	involved i	n this				
				materials trans	ported to s	site should	phase					
				be securely fas	stened to th	ne vehicles						
				(trucks and car	rs). This is	to ensure						
				that the materia	als and equ	ipment do						
				not fall off the	e vehicles	and cause						
				injuries to anyo	one while tra	ansporting						
				them.								
			•	The propone	ent and	ECO/SHE						
				Officer shoul	ld ensure	that all						
				personnel ar	re provid	led with						
				appropriate	personal	protective						
				equipment (PF	PE), such a	as gloves,						
				safety boots, sa	afety glasse	s and hard						
				hats at all time	es during e	exploration						
				(operation) hou	urs on site	to prevent						
				serious injuries	or loss of l	life						



		No employee should be allowed to)			
		drink alcohol prior to and during	5			
		working hours as this may lead to				
		mishandling of equipment which	1			
		results into injuries and other health	ı			
		and safety risks.				
Neighbours	Disturbance	Exploration works schedule should	I ECO	Weekly	A logged	Revision of site
to the site		be limited to normal working hours	,		complaint about	activities
		between 08h00 and 17h00. This is to			excessive noise	
		ensure generated noise does no	Exploration			
		disturb residents during home hours	Manager			
Waste	Environmental	The exploration site should be kep		Daily	Visible littering	Clean-up of the
	Pollution	tidy at all times.	Officer		around project	affected areas and
		All domestic and general	I		site A logged	ensuring
		construction waste produced on	ı		complaint	exploration
		daily basis should be cleaned and	l			workers utilise
		contained daily to preven	t			waste containers
		environmental pollution.				provided.
		Separate waste containers (bins) fo				
		hazardous and domestic / genera	1			
		waste must be provided on site to	,			
		avoid mixing of waste				
	1			1	1	1



Transport		•	Exploration project workers will be	ECO/ SHE	Daily	A logged	
			transported, in an SUV/ bus (or	Officer		complaint about	
			similar suitable passenger vehicle) to			bad form of	
			and from site prevent inhaling of			transport	
			dust.				
HIV and	Potential increase	•	To prevent new infections in the area	SHE Officer	Monthly		
AIDS or	in HIV and AIDS						
STIs	prevalence						
infections							
Vehicular	Increase in local	•	All drivers of the project vehicles	ECO/ SHE	Weekly	A logged	Find alternative
traffic safety	traffic flow		should be in possession of valid and	Officer		complaint about	access roads for
			appropriate driving licenses to			traffic increase or	the team.
			operate such vehicles.			damage to RA	Rehabilitation of
		•	Project vehicles should be in a road			roads	affected roads
			worthy condition and serviced				
			regularly in order to avoid accidents				
			as a result of mechanical faults of				
			vehicles.				
			Vehicles drivers should not be				
			allowed to operate vehicles while				
			under the influence of alcohol.				



	• No heavy trucks or project related		
	vehicles should be parked next to the		
	residents' properties or obstruct the		
	local traffic in any way.		



5.5 Phase 3: Decommissioning Phase

Decommissioning and rehabilitation will involve the following:

- Capping or backfilling of all drilled holes with loose materials
- Collection and disposal of domestic waste at the nearest solid waste disposal site.
- Levelling of any topsoil stockpiled during exploration activities.
- Any temporary work camps setup should be dismantled, and the area rehabilitated as far as practicable, to their original state.

6. ENVIRONMENTAL MONITORING

In order to reduce the "medium" and maintain the "low" significance ratings of impacts identified and assessed in the EIA report, a bi-annual EMP compliance audit should be undertaken throughout the project cycle. The first bi-annual audit exercise should be done counting 6 months from the date of ECC issuance. Monitoring reports are to be compiled and submitted to the Department of Environmental Affairs (DEA) for archiving. This practice will make the ECC renewal easy when it is about to expire. Therefore, Geo Namib Minerals cc should effectively monitor and submit the reports to the DEA. The submission is not only done for record keeping purposes, but also in compliance with the environmental legislation.

7. CONCLUSIONS

The potential positive and negative impacts stemming from the proposed exploration activities were identified, assessed and mitigation measures made thereof. The mitigation measures recommended in this report and management action plans provided in the draft EMP, can be deemed sufficient to avoid and/or reduce (where impact avoidance impossible) the risks to acceptable levels. Candy Consultancy cc is therefore confident that these measures are sufficient and thus recommends that the Proponent be issued with the Environmental Clearance Certificate (ECC) to enable the exploration works on EPL 6134. However, the ECC should be issued on condition that the provided management measures and action plans are effectively implemented



on site. Most importantly, monitoring of the environmental components described in the impact assessment chapter should be conducted by the Proponent and applicable Competent Authority. This is to ensure that all potential impacts identified in this study and other impacts that might arise during implementation are properly identified in time and addressed. Lastly, should the ECC be issued, the Proponent will be expected to be compliant with the ECC conditions as well as legal requirements governing the mineral exploration and related activities.
