



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

NAME OF APPLICANT:

Kleinzee Heavy Minerals (Pty) Ltd

PROSPECTING RIGHT APPLICATION:

NC 30/5/1/1/2/10523PR

ENVIRONMENTAL MANAGEMENT PLAN

**SUBMITTED IN TERMS OF SECTION 39 &
REGULATION 52 OF THE MINERAL AND
PETROLEUM RESOURCES DEVELOPMENT
ACT 2002, (ACT NO. 28 OF 2002) (the Act)**

District	Namaqualand Magisterial District Nama Khoi Local Municipality
Farm(s)	7 Land parcels as follows: Kourkam 313 Remainder , Platvley 314 Remainder , Taaibosch Vlakte 337 Portion 1, Taaibosch Vlakte 337 Portion 2 , Kameelboom Vley 338 Portion 1 , Kameelboom Vley 338 Portion 2 , Kameelboom Vley 338 Portion 3
Mineral(s)	Heavy Minerals

STANDARD DIRECTIVE

Applicants for prospecting rights or mining permits, are herewith, in terms of the provisions of Section 29 (a) and in terms of section 39 (5) of the Mineral and Petroleum Resources Development Act, directed to submit an Environmental Management Plan strictly in accordance with the subject headings herein, and to compile the content according to all the sub items to the said subject headings referred to in the guideline published on the Departments website, within 60 days of notification by the Regional Manager of the acceptance of such application. This document comprises the standard format provided by the Department in terms of Regulation 52 (2), and the standard environmental management plan which was in use prior to the year 2011, will no longer be accepted.

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1 INTRODUCTION, SCOPE, PURPOSE AND USE OF DOCUMENT

This document aims to provide a simplified national standard for applicants for prospecting rights and mining permits to comply with the relevant legislation and environmental regulations as apply to their respective applications in terms of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002)(MPRDA). Applicants in this sector of the mining industry typically disturb smaller surface areas of land, whether drilling boreholes, small trenches, or mining on a small area, less than 1,5 hectares of land, under a mining permit as contemplated in Section 27 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002)

1.1 SCOPE

This document is intended for use by applicants for mining permits and prospecting rights.

Typically, operations in this sector of the mining industry:

- Use little or no chemicals to extract mineral from ore,
- Work on portions of land of 1,5 hectares in size or smaller,
- Disturb the topography of an area somewhat but have no significant impact on the geology

1.2 PURPOSE

This document aims to:

- Provide a national standard for the submission of Environmental Management Plans for the types of applications mentioned above.
- Ensure compliance with Regulation 52 of the MPRDA.
- Assist applicants by providing the information that the Department of Minerals and Energy (DME) requires in a simple language and in a structured, prescribed format, as contemplated in Regulation 52 (2) of the (MPRDA).
- Assist regional offices of the DME to obtain enough information about a proposed prospecting/ reconnaissance or mining permit operation to assess the possible environmental impacts from that operation and to determine corrective action even before such right is granted and the operation commences.

This document aims both to provide the DME regional offices with enough information about applicants for mining permits and applicants with guidance on environmental management matters pertaining to the mitigation of environmental impacts arising from their operations. Given this dual focus and the generic nature of the document, it might not be sufficient for all types of operations under various circumstances.

The document may therefore be altered or added to as the particular circumstances of the application in question may require.

1.3 USE OF THE DOCUMENT:

This document is designed for use by non-professionals and newcomers to the environmental management industry and it incorporates a very simple Environmental Impact Assessment (EIA). The EIA is contained in Section C of this document and was designed specifically with the target sectors of the mining industry (described in A.2 above) in mind.

The aim is ultimately to (a) gather information from applicants themselves; (b) to assess the impact of the operation based on that information and then (c) to guide the applicant to mitigate environmental impacts to limit damage to the environment.

The next section of the document gathers demographic information about the applicant. Section C gathers the information that will be used in the Environmental Impact Assessment. The applicant must complete the relevant sections of this document, but the regional office of the DME will do the scoring of these for the impact assessment rating in Section D.

Section F (the Environmental Management Plan) of the document is prescriptive and gives guidance to the miner or prospector on how to limit the damage of the operation on the environment. This part may be added to by the regional manager, who has the prerogative to decide whether this Environmental Management Plan will adequately address the environmental impacts expected from the operation or whether additional requirements for proper environmental management need to be set. Where these additional requirements are set, they will appear in Section G of this document. The Environmental Management Plan (Section F) of the document is legally binding once approved and, in the undertaking contained in Section H, the applicant effectively agrees to implement all the measures outlined in this Environmental Management Plan.

1.4 LEGISLATION/ REGULATIONS

The relevant sections of Mineral and Petroleum Resources Development Act and its supporting Regulations are *summarised below* for the information of applicants. The onus is on the applicant to familiarise him/herself with the provisions of the full version of the Mineral and Petroleum Resources Development Act and its Regulations.

Section of Act	Legislated Activity/ Instruction/ Responsibility or failure to comply	Penalty in terms of Section 99
5(4)	No person may prospect, mine, or undertake reconnaissance operations or any other activity without an approved EMP, right, permit or permission or without notifying land owner	R 100 000 or two years imprisonment or both
19	Holder of a Prospecting right must: lodge right with Mining Titles Office within 30 days; commence with prospecting within 120 days, comply with terms and conditions of prospecting right, continuously and actively conduct prospecting operations; comply with requirements of approved EMP, pay prospecting fees and royalties	R 100 000 or two years imprisonment or both
20(2)	Holder of prospecting right must obtain Minister's permission to remove any mineral or bulk samples	R 100 000 or two years imprisonment or both
26(3)	A person who intends to beneficiate any mineral mined in SA outside the borders of SA may only do so after notifying the Minister in writing and after consultation with the Minister.	R 500 000 for each day of contravention
28	Holder of a mining right or permit must keep records of operations and financial records AND must submit to the DG: monthly returns, annual financial report and a report detailing compliance with social & labour plan and charter	R 100 000 or two years imprisonment or both
29	Minister may direct owner of land or holder/applicant of permit/right to submit data or information	R 10 000
38(1)(c)	Holder of permission/permit/right MUST manage environmental impacts according to EMP and as ongoing	R 500 000 or ten years imprisonment or both.

Section of Act	Legislated Activity/ Instruction/ Responsibility or failure to comply	Penalty in terms of Section 99
	part of the operations	
42(1)	Residue stockpiles must be managed in prescribed manner on a site demarcated in the EMP	A fine or imprisonment of up to six months or both
42(2)	No person may temporarily or permanently deposit residue on any other site than that demarcated and indicated in the EMP	A fine or imprisonment of up to six months or both
44	When any permit/right/permission lapses, the holder may not remove or demolish buildings, which may not be demolished in terms of any other law, which has been identified by the Minister or which is to be retained by agreement with the landowner.	Penalty that may be imposed by Magistrate's Court for similar offence
92	Authorised persons may enter mining sites and require holder of permit to produce documents/ reports/ or any material deemed necessary for inspection	Penalty as may be imposed for perjury
94	No person may obstruct or hinder an authorised person in the performance of their duties or powers under the Act.	Penalty as may be imposed for perjury
95	Holder of a permit/right may not subject employees to occupational detriment on account of employee disclosing evidence or information to authorised person (official)	Penalty as may be imposed for perjury
All sections	Inaccurate, incorrect or misleading information	A fine or imprisonment of up to six months or both
All sections	Failure to comply with any directive, notice, suspension, order, instruction, or condition issued	A fine or imprisonment of up to six months or both

1.5 OTHER RELEVANT LEGISLATION

Compliance with the provisions of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) and its Regulations does not necessarily guarantee that the applicant is in compliance with other Regulations and legislation. Other legislation that may be immediately applicable includes, but are not limited to:

- National Monuments Act, 1969 (Act 28 of 1969).
- National Parks Act, 1976 (Act 57 of 1976)
- Environmental Conservation Act, 1989 (Act 73 of 1989)
- National Environmental Management Act, 1998 (Act No. 107 of 1998)
- Atmospheric Pollution Prevention Act, 1965 (Act 45 of 1965)
- The National Water Act, 1998 (Act 36 of 1998)
- Mine Safety and Health Act, 1996 (Act 29 of 1996)
- The Conservation of Agricultural Resources Act, 1983 (Act 43 of 1983).

1.6 WORD DEFINITIONS

In this document, unless otherwise indicated, the following words will have the meanings as indicated here:

Act (The Act) Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002)

Borehole A hole drilled for the purposes of prospecting i.e. extracting a sample of soil or rock chips by pneumatic, reverse air circulation percussion drilling, or any other type of probe entering the surface of the soil.

CARA The Conservation of Agricultural Resources Act

EIA	An Environmental Impact Assessment as contemplated in Section 38(1) (b) of the Act
EMP the Act	an Environmental Management Plan as contemplated in Section 39 of the Act
Fauna	All living biological creatures, usually capable of motion, including insects and predominantly of protein-based consistency.
Flora	All living plants, grasses, shrubs, trees, etc., usually incapable of easy natural motion and capable of photosynthesis.
Fence	A physical barrier in the form of posts and barbed wire and/or “Silex” or any other concrete construction, (“palisade”- type fencing included), constructed with the purpose of keeping humans and animals within or out of defined boundaries.
House	any residential dwelling of any type, style or description that is used as a residence by any human being
NDA	National Department of Agriculture
NWA	National Water Act, Act 36 of 1998
Pit	Any open excavation
“Porrel”	The term used for the sludge created at alluvial diamond diggings where the alluvial gravels are washed and the diamonds separated in a water-and-sand medium.
Topsoil	The layer of soil covering the earth which- <ul style="list-style-type: none"> (a) provides a suitable environment for the germination of seed; (b) allows the penetration of water; (c) is a source of micro-organisms, plant nutrients and in some cases seed; and (d) is not of a depth of more than 0,5 metres or such depth as the Minister may prescribe for a specific prospecting or exploration area or mining area.
Trench	A type of excavation usually made by digging in a line towards a mechanical excavator and not pivoting the boom – a large, U-shaped hole in the ground, with vertical sides and about 6 – 8 metres in length. Also a prospecting trench.
Vegetation	Any and all forms of plants, see also Fauna
DWAF	The Department of Water Affairs and Forestry – both national office and their various regional offices, which are divided across the country on the basis of water catchment areas.
MPRDA	the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002)
EMPlan	An Environmental Management Plan as contemplated in Regulation 52 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) – this document.

2 IDENTIFICATION OF THE APPLICATION IN RESPECT OF WHICH THE ENVIRONMENTAL MANAGEMENT PLAN IS SUBMITTED.

ITEM	COMPANY CONTACT DETAILS
Applicant name	Kleinzee Heavy Minerals (Pty) Ltd
Contact person	William Whitaker
Tel no	021 402 0342
Fax no:	086 550 7613
Cellular no	082 853 8005
E-mail address	william@basileuscapital.com
Postal address	PO BOX 6223 Roggebaai 8012

ITEM	CONSULTANT CONTACT DETAILS (If applicable)
Name	Site Plan Consulting ¹
Contact Person	Craig Donald
Tel no	021 854 4260
Fax no:	021 854 4321
Cellular no	084 511 1520
E-mail address	Craig@siteplan.co.za
Postal address	PO Box 28, Strand, 7139

ITEM	FURTHER DETAILS
Magisterial district	Namaqualand
Name of the property on which prospecting operations will be conducted	7 Land parcels as follows: Kourkam 313 Remainder , Platvley 314 Remainder , Taaibosch Vlakte 337 Portion 1, Taaibosch Vlakte 337 Portion 2 , Kameelboom Vley 338 Portion 1 , Kameelboom Vley 338 Portion 2 , Kameelboom Vley 338 Portion 3

3 LOCALITY

See Figure 1 overleaf

¹ The applicant lodged the application, compiled the Background Information Document, conducted all public participation to date and compiled and submitted the Report on Consultation to the DMR. Site Plan Consulting has been requested to compile the EMP.

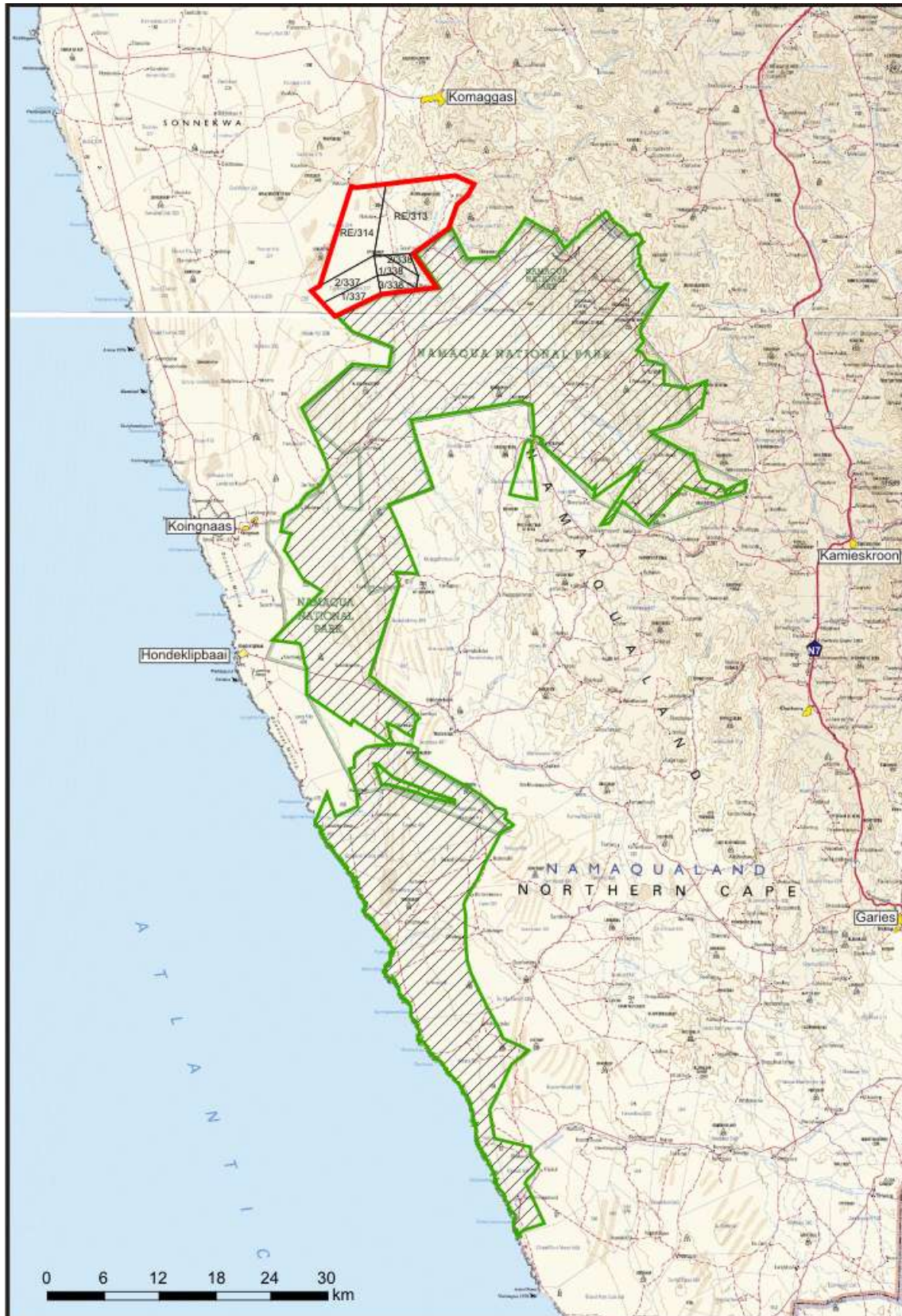


Figure 1: Locality Plan

Please note: In figure 1, the map shows 2 different boundaries for the Namaqualand National Park (i.e. the 1:250 000 background topocadastral sheet green boundary as opposed to the hatched area). The hatched area is assumed

to be the correct reflection of the park boundary in this document. It is sourced from SANBI website's GIS file for download.

In the letter from SANParks (in Annexure B) they concur with the statements above.

4 BRIEF PROJECT DESCRIPTION

Refer Part 6 for further details. The invasive phase of the project entails the drilling of 516 holes by small diameter auger (i.e. no vehicle access to the veld) or trailer mounted auger limited to existing farm tracks and roads. The hand held auger is light and will be carried by a group of men from the nearest track to the site of the drilling to sample material for heavy mineral sand content.

It is proposed to select target sites after analysis of auger samples for further bulk sampling. The bulk samples are small and will be very restricted in number to no more than 5 (and will be subject to EMP amendment once the sites have been selected).

The bulk sample pits will be in the order of 18m² on surface and no deeper than 2-3m. Given the inability to locate such bulk sample positions prior to auger drilling, this EMP will not deal with the bulk samples in any detail. Notwithstanding their very small scale and their lack of impact, the applicant must provide an EMP amendment to allow for such bulk sampling. The proposed programme of activities as lodged in the Prospecting Work Programme provides time for such amendment to be compiled by the applicant and considered by the DMR.

5 REGULATION 52 (2): Description of the environment likely to be affected by the proposed prospecting or mining operation

5.1 The environment on site relative to the environment in the surrounding area.

5.1.1 Topography

The proposed prospecting area covers a large area (at over 13 500ha). The topography is dominated by the southern end of the Kourkammaberge in the Northern central portion of the Prospecting Right application area. The Kourkam-se-Brak river located to the east also affects the topography. Generally the remainder of the area is flat with occasional dunes draining mostly toward the west.

5.1.2 Soil

The prospecting will take place on vegetated Aeolian sand dunes and coastal plain. As a result, the topsoil consists of exactly the same material as the subsoil except, that the humous content is contained in this layer (approximately 30cm thick).

5.1.3 Vegetation

There are 4 vegetation types that may conceivably be impacted upon by the proposed prospecting activities as per table below. Refer Figure 2 below for Vegetation classification. The site is partially located within one of SKEP's Geographical Priority Areas, viz Greater Richtersveld GPA and is located immediately east of the Central Namaqualand Coast GPA of SKEP. Figure 3 also shows that the site does contain areas mapped as CBA and Ecological Support Area in terms of the Fine Scale Mapping Project of SANBI.

Some statistics about the vegetation types as follows (from the north):

Name	Original Area (ha)	Remaining Area (ha)	% Remaining	% Protected	Target %	Ecosystem Status	Protection Level
Namaqualand Klipkoppe Shrubland	1093611	1039202	95	5	28	LT	poorly protected
Namaqualand Heuweltjieveld	255656	246887	97	9	28	LT	poorly protected
Namaqualand Sand Fynbos	93938	92078	98	1	29	LT	hardly protected
Namaqualand Arid Grassland	70396	67233	96	20	26	LT	moderately protected

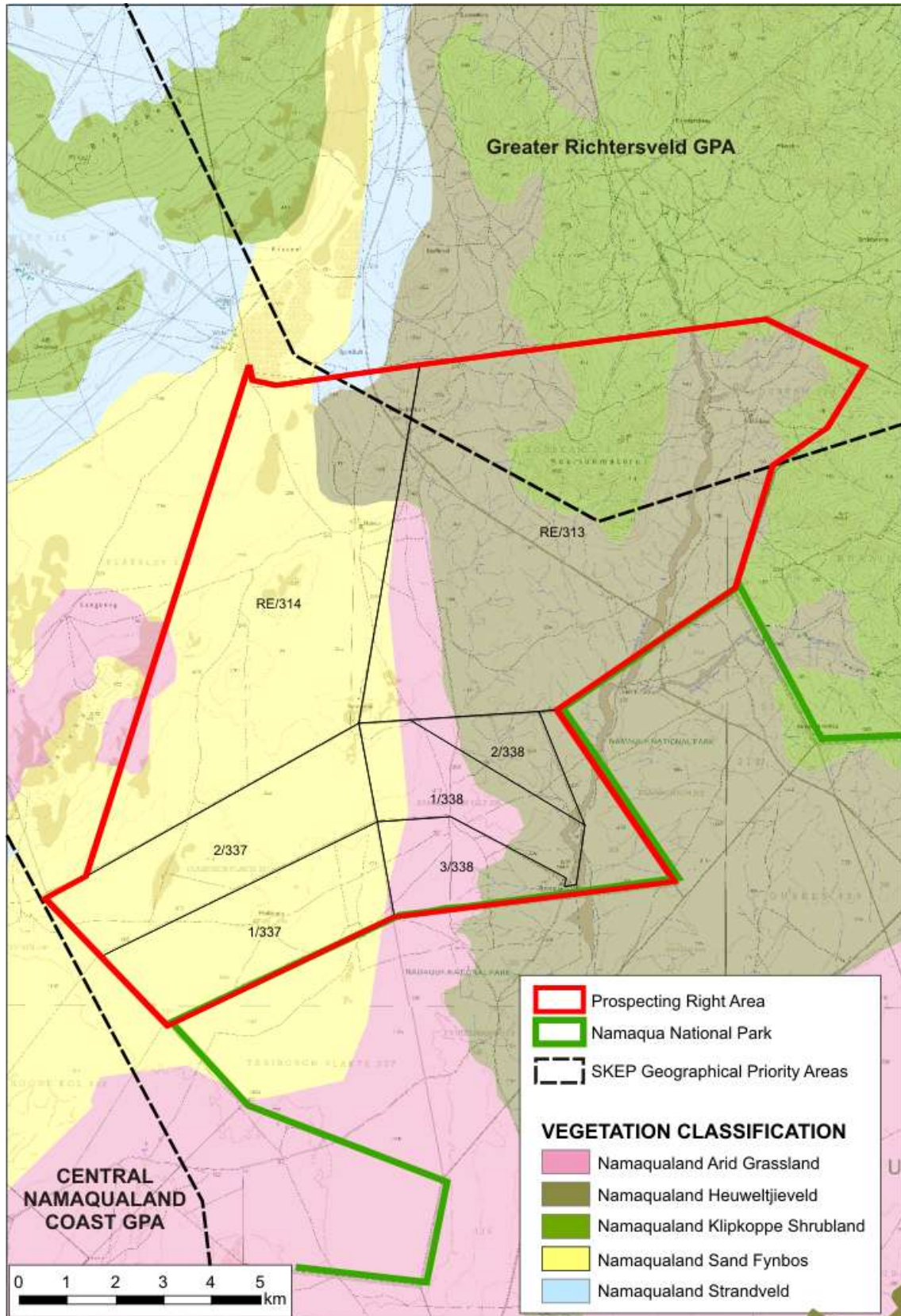


Figure 2: Vegetation Classification

The vegetation types are sourced from "Mucina, L & Rutherford, M.C. (eds) 2006. The vegetation of South Africa Lesotho and Swaziland, *Strelitzia* 19. SANBI, Pretoria".

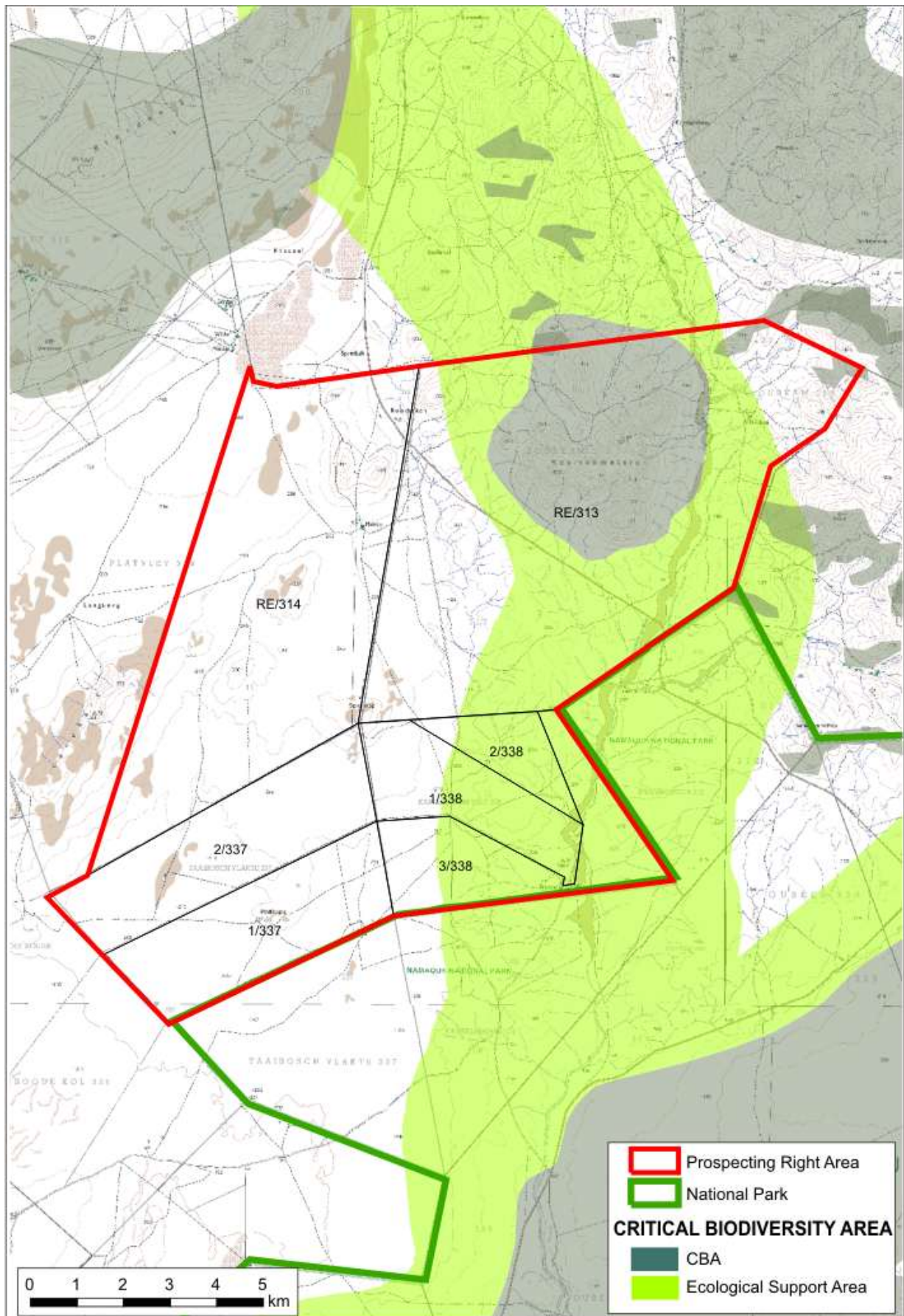


Figure 3: Vegetation - CBA Context

The following has relevance:

1. The entire site is located in a vegetation types which are listed as Least Threatened (notwithstanding their lack of protection in some cases).
2. Portion of the site is located within SKEP priority area. This does not preclude development
3. Portion of the site is located within CBA. Nature Conservation does not (and cannot) support any development in any CBA. The CBA's were compiled to represent the smallest possible biodiversity area that would require conservation to ensure the biome success.
4. No prospecting can be permitted within the Namaqualand National Park (whatever the vegetation type).

5.1.4 Animal Life

It is expected that rodents (especially mice), reptiles, snakes (puffadder, cobra), various buck are found on site and a variety of birds and insects inhabit the area. It is however highly improbable that any impact in this regard will occur, given the exceptionally small footprint of the proposed activities (including no vehicular access onto the natural veld).

5.1.5 On site and surrounding land use

Surrounding Land use

- The closest town is Komaggas located some 20km north as indicated in Figures 1.
- The Namaqualand National Park is located adjacent to the site-refer Figure 1.

On site Land Use:

- There are ±4 farmsteads in the proposed prospecting area – refer figure 4
- The main roads and tracks are as indicated on Figure 4. There are several other subordinate farm tracks which cannot be shown on this scale.
- The Kourkam-se-Brak, Doree Rivier and unnamed episodic stream are located to the west and NW of the site.
- Otherwise the entire area must be classified as Wilderness area with grazing being the chief agricultural land use.

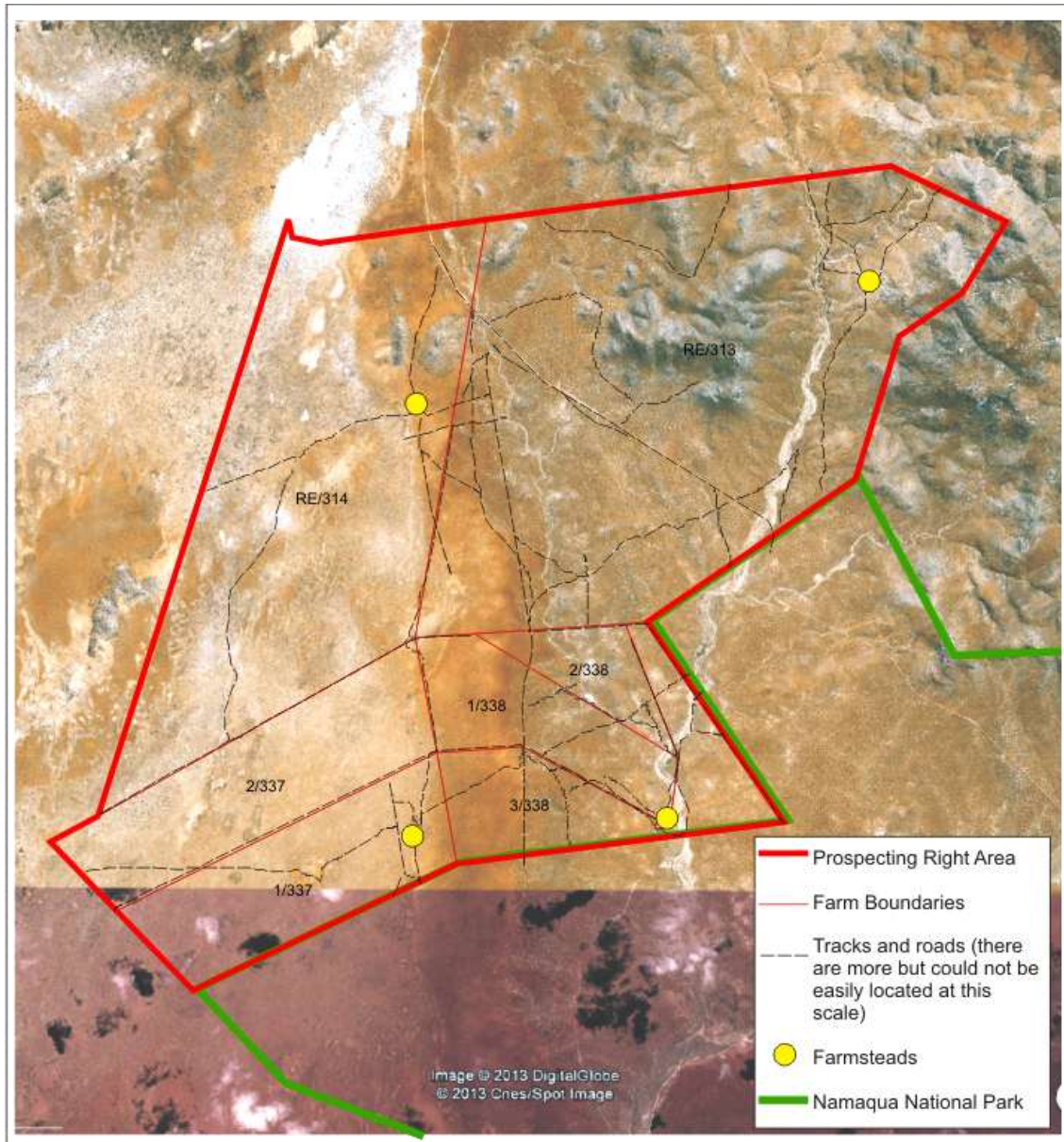


Figure 4: Surrounding and on-site land use

5.2 The specific environmental features on the site applied for which may require protection, remediation, management or avoidance.

No activities are to be permitted within the boundaries of the Namaqualand National Park (and none is proposed in terms of this EMP).

No activities are to be permitted within 100m of the banks of the Kourkam-se-Brak, Droee Rivier or any tributary thereof.

No activities to take place within 100m of any farmstead enclosure.

No prospecting should be permitted within a CBA and the conservation worthiness of all the natural vegetation types on site is acknowledged. Notwithstanding that, we can state with confidence that the proposed

prospecting method as outlined in this document will result in absolutely no impact on the vegetation types and lack of vehicular access onto the natural veld will also eliminate any impact in this regard.

5.3 Map showing the spatial locality of all environmental, cultural/ heritage and current land use features identified on site.

Surrounding and on site land use is as contained in figure 4. To date no cultural / heritage issues have been identified. Heritage Northern Cape have been informed by the applicant of such application.

It is important to note that the absolutely small scale of activities and lack of impact generated by the proposed prospecting method preclude any impact in this regard.

5.4 Confirmation that the description of the environment has been compiled with the participation of the community, the landowner and interested and affected parties,

Yes. A public participation process was completed and part of that process was the preparation of the "Background Information Document" (BID). Such document was included in full as Annexure to the Consultation Report.

The BID document was made available to all parties as basis for comment – Refer part 11 for full description of the public participation process.

Attention is drawn to part 5 of the BID which provided description of current environment and further to part 6 Question 1 which specifically requested of respondents to comment on the provided status of the environment:

"Do you agree with the provided description of the status of existing biophysical environment (as described in para 5.2 to 5.13[of the BID])?"

6 REGULATION 52 (2) (b): Assessment of the potential impacts of the proposed prospecting or mining operation on the environment, socio- economic conditions and cultural heritage.

6.1 Description of the proposed prospecting operation.

6.1.1 The main prospecting activities (e.g. access roads, topsoil storage sites and any other basic prospecting design features)

The proposed prospecting activities will be undertaken in six main phases, as described below.

6.1.1.1 Phase 1: Non-invasive Prospecting

Non-invasive prospecting will be applicable to the entire area and will include the following sub-phases:

- **Phase 1a** will involve the following **desk-top activities**: data acquisition from government and private sources, and analysis of any existing/previous prospecting and drilling data, satellite (Landsat) imagery, aerial photos, and terrain data, as well as geological map interpretation. The synthesis and interpretation of such information will contribute towards providing a clearer picture of the location and characteristics of the heavy mineral deposit/s, and will guide the in-field prospecting programme.
- **Phase 1b: Surface mapping** will be conducted by the project geologist and assistants, and will take place over a period of 2 months. Such mapping will encompass GPS controlled traverses, and aerial photo mapping.
- **Phase 1c** will involve **surveying** and **pegging of the anticipated deposit**. This sub-phase will include the following activities:
 - Surveying of the mapped area to be prospected. Five hundred and sixteen (516) drill positions will be marked on the map, after which those positions will be marked in the field by a surveyor with labelled droppers (pegs). Small diameter auger drilling will take place at these positions (see Phase 2a below).
 - Access routes to the drill sites will also be located (existing roads will only be used and absolutely no new roads are permitted).

6.1.1.2 Phase 2: Invasive Prospecting (Drilling)

Phase 2 will be initiated after the detailed analysis of all the Phase 1 results have been collated, and by convening the appropriate persons to conduct the following task:

- **Phase 2a:** Drilling will be conducted by
 - Hand held motorised auger drill. The auger is portable and will be walked to site from the closest track.
 - Trailer mounted engine operated auger drill. Such drill is for drilling of deeper holes and use of such will be restricted to existing farm tracks and roads.

Approximately 516 auger drill holes are anticipated to be drilled to a maximum depth of approximately 15-18m each. The auger is in essence a corkscrew-type drill where the

helical ridge raises the drilled material to the surface for sampling purposes.

- **Phase 2b:** This sub-phase will involve a second round of auger drilling. Additional auger drill holes will be drilled to check for continuity of the heavy mineral deposits. The number of additional holes required will be determined by the results of the first phase of drilling (Phase 2a). The same drilling methods will be implemented as described for Phase 2a above.

The prospector must ensure that a hand held rake is available to rake the disturbed area (if any) prior to leaving the site.



Photo 1: Typical hand held auger

6.1.1.3 Phase 3: Invasive Prospecting (Bulk Sampling)

Bulk sampling (Phase 3) will only be conducted if warranted by promising results obtained from the drilling programmes.

Bulk sampling of 5 x 50 tonnes (or 5 x 36m³) of material may be required by digging shallow pits using an excavator to a maximum depth of 2-3m. The approximately 250 tonnes of material sampled will be transported by haul truck(s) to a plant off-site. This sample is required in order to permit representative processing at an off-site pilot production plant, to establish adaptation requirements to the metallurgical process and recovery grades under production conditions.

Precise locations of the 5 bulk sample prospecting pits are not currently known; as such locations are dependant on the interpretation of the results from the drilling programme. For that reason, provision has been

made in the Prospecting Schedule to allow for an amendment to the Prospecting Work Programme and EMP to reflect the exact position of the bulk sampling pits. Such amendment will be lodged in terms of Section 102 of the MPRDA and must include specialist botanical and archaeological input.

If recoverable heavy minerals are assumed to be 2m deep (probably closer to 3m²), a bulk sampling pit with a surface area of approximately 18m² will be required (4.2m x 4.2m = 18m²; 18m² x 2m = 36m³).

6.1.1.4 Phase 4: Sample Processing and Data Analysis

Auger drill samples will be taken from the material raised by the auger drill. Samples will be removed from the prospecting area by a 4x4 bakkie. The 250 tonnes of bulk sample would be transported off-site by haul truck for analysis.

This phase will also consist of an analysis of all the information received from the invasive and non-invasive prospecting activities. The economic feasibility studies required to determine the economic and metallurgical viability of the project will be carried out by analysing the results of the data gathered from the prospecting programme, and the pre-feasibility studies will be finalised.

The sample processing will serve to assess the expected mine yield and will guide the design aspects for potential future mining, if a proved resource is the outcome of this processing programme.

6.1.1.5 Phase 5: Decision-making

The following activities will be undertaken as part of this final phase (Phase 5) of the proposed Prospecting Work Programme:

- The results of the non-invasive and invasive prospecting methods will be fully assessed and analysed to obtain a detailed understanding of the geology of the project area. This will entail computer generation of models to simulate the deposit.
- Various reports, as are required in terms of the MPRDA, will be submitted to the DMR throughout the prospecting process.
- The Applicant (in consultation with the project team) will make a decision regarding the way forward. The Applicant will have three possible options to choose from regarding the proposed way forward, namely:
 1. Submit a Mining Right Application: Should prospecting yield positive results, then a Mining Right Application may be lodged with the DMR.
 2. Continue prospecting: If the prospecting results are non-conclusive, the Applicant might decide to continue prospecting. Should such a course of action be chosen, an

² Note that this bulk sampling programme has been written assuming a shallow heavy mineral containing sand layer of only 2m. Such a conservative depth estimate will result in a surface area disturbance of 18m² than a deeper pit of 3m, i.e. 12m², given the Applicant's bulk sample requirements. The depth of pit will be finalised after drilling and during the planned amendment of the Prospecting Work Programme and EMP.

application for a Prospecting Right Renewal may have to be lodged with the DMR, if required. Continued prospecting could include additional auger drilling and/or bulk sampling.

3. Discontinue the entire operation: If the results of the prospecting activities are negative, the Applicant will most likely decide to discontinue the entire operation. Should this option be chosen, then the Applicant will be required to conduct full rehabilitation of the drill and bulk sampling sites and any other disturbed areas. A Closure Application will, in this event, be lodged with the DMR.

6.1.2 Plan of the main activities with dimensions

6.1.2.1 Drilling Layout

Access to the drill sites will be by existing farm roads or fence line tracks wherever possible. No new tracks will be developed in the field and the hand held auger drill is completely portable. Trailer mounted drilling may take place but is restricted to existing farm tracks and roads.

6.1.2.2 Drilling Programme

The prospecting right is required for a period of five years (60 months). Note that this application has been lodged for 60 months to allow for any delays which may occur or any further amendments which may be required.

Drilling is proposed to take place in two 1-month periods separated by an analysis phase. The first phase of drilling will require the drilling of approximately 516 auger drill holes, followed by a second round of infill drilling. This will allow for phased chemical analysis of the samples and a decision after each period as to whether to continue with the prospecting programme, or not. It is anticipated that the drill rig will require between 30 & 60 minutes to complete drilling activities on each drill site. Drilling may be conducted by one or more teams simultaneously.

6.1.3 Description of construction, operational, and decommissioning phases.

6.1.3.1 Construction Phase:

There is no construction phase. Establishment merely consists of the driving onto site to access road / track closest to position 1, walking to position 1 and then commencing with drilling.

A chemical toilet will need to be provided.

6.1.3.2 Operational Phase:

Phase 2a drilling phase is programmed to last a period of 1 month with possible infill drilling taking another month.

Should bulk sampling be required, then amendment to PWP and EMP will be lodged prior to any such work.

6.1.3.3 Decommissioning Phase:

Given the extremely limited nature of the operation, decommissioning rehabilitation merely consists of the removal of all drilling plant from site. That will be followed up by Environmental Performance Assessment conducted by independent party to determine whether any additional measures need to be put in place.

6.1.4 Listed activities (in terms of the NEMA EIA regulations)

None.

6.2 Identification of potential impacts

6.2.1 Potential impacts per activity and listed activities.

The only on site activity which could **potentially** generate any impact is that generated as a result of auger drilling. The possible impact of bulk sampling will be addressed in amendment to this EMP if contemplated. So, the **potential** impacts in respect of any drilling exercise are as follows:

1. Dust
2. Noise
3. Impact on vegetation
4. Visual Impact (of auger drill, bakkie and personnel)
5. Soil (specifically topsoil)

6.2.2 Potential cumulative impacts.

Definition: "The impact on the environment which results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency or person undertakes such other actions"

There is no potential cumulative impact as a result of the proposed drilling. The drilling will not result in an incremental impact given the lack of impact generated by the drilling and limited time frame of the activities.

6.2.3 Potential impact on heritage resources

There is a possibility that there are graveyards, old houses and sites of historic significance within a 1km area; however this has not been brought to our attention by any of the affected parties.

Should this however turn out to be the case, then these areas will be avoided and a 50m buffer retained around such site.

6.2.4 Potential impacts on communities, individuals or competing land uses in close proximity.

The following are listed as **potential** theoretical impacts on surrounding communities:

1. Dust
2. Noise
3. Visual Impact

The proposed small diameter auger drilling will however result in such limited impact as to render these impacts negligible to non-existent.

6.2.5 Confirmation that the list of potential impacts has been compiled with the participation of the landowner and interested and affected parties,

Yes. A public participation process has been completed and part of that process was the preparation of the “Background Information Document” (BID). The BID document was made available to all parties as basis for comment – Refer part 11 for full description of the public participation process.

Attention is drawn to part 5 of the BID which provided description of expected impact on current environment and further to part 6 Question 2 which specifically requested of respondents to comment on the provided status of the environment:

“Do you agree with the potential impacts on biophysical environment (as described in para 5.3 to 5.13)?

6.2.6 Confirmation of specialist report appended.

None required.

- No vegetation will be disturbed.
- No groundwater or surface water resource will be affected
- There will be no impact on soil profile or on agricultural potential
- There will be no impact on any heritage or archaeological resource.

7 REGULATION 52 (2) (c): Summary of the assessment of the significance of the potential impacts and the proposed mitigation measures to minimise adverse impacts.

7.1 Assessment of the significance of the potential impacts

7.1.1 Criteria of assigning significance to potential impacts

a) The significance level is based on the following criteria:

<i>Significance</i>		<i>Criteria</i>
Negative	Significant (S)	<ul style="list-style-type: none"> Recommended level always exceeded with associated widespread community action Disturbance to areas that are pristine, have conservation value, are important resource to humans and will be lost forever Complete loss of land capability Destruction of rare or endangered specimens May affect the viability of the project
	Moderate (M)	<ul style="list-style-type: none"> Moderate measurable deterioration and discomfort Recommended level occasionally violated – still widespread complaints Partial loss of land capability Complete change in species variety or prevalence May be managed Is insignificant if managed according to EMP provisions
	Minor/ Insignificant ^(I)	<ul style="list-style-type: none"> Minor deterioration. Change not measurable Recommended level will rarely if ever be violated Sporadic community complaints Minor deterioration in land capability Minor changes in species variety or prevalence
Positive	Minor	<ul style="list-style-type: none"> Improvements in local socio-economics
	Significant	<ul style="list-style-type: none"> Major improvements in local socio-economics with some regional benefits

b) The duration is classified as

- Permanent (post-closure)
- Life of Mine (LOM)
- Temporary

c) The probability is ranked as

- Definite/Certain
- Possible
- Unlikely

7.1.2 Potential impact of each main activity in each phase, and corresponding significance assessment

Note that the table below does not include an impact level assessment of the proposed bulk sampling. Should such bulk sampling take place then the applicant will be required to lodge EMP amendment (to be distributed to all I&APs).

Environmental Element	Activity	Attenuation/ Mitigation Measures to be Applied	Significance Level (after attenuation)	Duration	Probability
Geology	Small diameter Auger	None required	None	None	Definite
Topography	Small diameter Auger	None	None	None	Definite
Visual Impact: Of team operating drill	Small diameter Auger	None required	Insignificant	Whilst on site and not hidden by ridgelines	Unlikely
Soils	Small diameter Auger	No topsoil removal	None	None	Definite
Land Capability	Small diameter Auger	None required	None	Only whilst at the site – probably no more than 1 hour per hole	Definite
Natural Vegetation and Animal Life	Small diameter Auger	No unnecessary access to natural vegetation permitted.	None	None	Definite
Surface Water: Quantity	Small diameter Auger	None	None	None	Definite
Surface Water: Quality	Oil/fuel spill/leak	Measures in paragraph 7.2.4	Insignificant, if any given small equipment	Temporary	Unlikely
Ground Water: Quantity & Quality	Small diameter Auger	None	None	None	Definite
Air Quality (Dust)	Small diameter Auger	None required	None	None	Definite

Environmental Element	Activity	Attenuation/ Mitigation Measures to be Applied	Significance Level (after attenuation)	Duration	Probability
Air Quality	Vehicles on unsurfaced roads	None feasible except to limit speeds	Negligible	Per activity	Definite
Noise	Small diameter Auger	None required	Insignificant	Whilst machine operates	Definite
Archaeology	Small diameter Auger	None required	None	None	Highly Unlikely
Socio-Economic	Prospecting	Minor positive employment impact	Insignificant	Temporary	Definite

7.1.3 Assessment of potential cumulative impacts.

None. No cumulative impacts.

7.2 Proposed mitigation measures to minimise adverse impacts.

7.2.1 List of actions, activities, or processes that have sufficiently significant impacts to require mitigation.

There will be no significant impacts on any aspect of the environment as a result of the planned drilling.

7.2.2 Concomitant list of appropriate technical or management options

Note: The impacts are deemed to be so small and the remediation measures so clear that no technical or management options are deemed necessary in this case.

7.2.3 Review the significance of the identified impacts

(After bringing the proposed mitigation measures into consideration).

Refer table in para 7.1.2. No significant impacts will arise through this small diameter auger drilling operation.

7.2.4 Disposal of waste material:

7.2.4.1 Domestic Waste

No waste will be disposed of (buried) on site. Domestic waste will merely consist of lunch wrappers, cool drink bottles and cans, etc. These will be retained by the operators on their person or vehicle until

the end of the day when the minor volumes will be disposed of in a refuse bin.

Induction training will ensure that all staff are made aware of the impact of littering.

7.2.4.2 Industrial Waste

No Industrial waste will be generated as all vehicle servicing and maintenance will be conducted at facilities off-site. Should emergency repairs be required then the oil/fuel management procedures below will be employed.

Fuel receipt, storage and dispensing:

No storage of fuel will take place on site. Fuel will be brought in as required in small bowser or fuel drums if necessary (but unlikely). Fuel will be pumped with all the necessary funnels and safety equipment as is required in the normal process of transferring of fuel.

A fire extinguisher must be close at hand.

Vehicle / drill rig / excavator leaks:

Vehicles and equipment must be checked on a daily basis for oil/diesel/hydraulic fluid leaks. Drip trays must be available on site and should any oil/fuel/lubricant leak from the equipment, then such leaked fluid is to be collected via the drip trays into drums for transport to Oilkol or similar depot for recycling.

Should such leaked oil contaminate the topsoil, then such topsoil and oil must be removed from site and spread on a concreted area where it can be treated with compost and chicken manure for a period of 3 months.

On-site repairs: No workshop will be required and all scheduled servicing will take place off site.

Emergency repairs on site:

In the (unlikely) event of a breakdown repair being required in the field, the staff should be instructed in use of drip trays and suitable funnels (not to drain oil into the sand) for filling and draining of lubricants and the staff shall be provided with such equipment to prevent oil contamination.

In addition:

- Used/replaced filters, hoses, belts, cloths, etc. are to be placed in a bin for same day removal from site and disposal at a suitable facility. Used filters are not to be buried at the site of repair (nor discarded in adjacent bush).
- In the event of soil contamination, the contaminated soils are to be removed and placed in suitable bags or drums for disposal at a licensed facility or depot.

All staff involved in mobile plant operation and maintenance is to be made aware of these oil and lubricant procedures. Staff will require instruction in the:

- Deleterious effects of oil / fuel on the environment
- Handling of oil leaks onto soil

General Provisions

- All operators are to check their equipment for leaks and report such leaks on a daily basis (before and after morning start up, at lunch break and when parking the equipment for overnight shutdown).

7.2.5 Noise:

Physical prospecting activities will result in low noise levels, associated mainly from vehicular activity on site:

- Vehicles on roads only
- Petrol/diesel driven small diameter auger

In total, noise generation will be much localised, temporary and negligible.

The only possible attenuation measures to be put in place include the following

- Staff/ Operator awareness of possible noise impact through induction training
- Noise generation will be restricted to the hours of 07h00 – 17h00
- Ensure that vehicle comply with regulatory traffic noise emission standards

7.2.6 Air Quality (Dust)

It is highly unlikely that dust will ever represent any impact larger than negligible given the very small scale of the operation, the short duration of invasive prospecting at any particular site as well as the general isolation of the activities.

No attenuation measures are required; however the following measures should be implemented under extreme wind conditions:

- Staff/ Operator awareness of dust impact through induction training
- Cease operations under high summer wind conditions if required (but highly unlikely)

8 REGULATION 52 (2) (d): Financial provision. The applicant is required to-

8.1 Plans for quantum calculation purposes.

The amount that is necessary for the rehabilitation of damage caused by the operation, both sudden closure during the normal operation of the project and at final, planned closure must be calculated based on the information supplied in this document.

This amount will reflect how much it will cost the Department to rehabilitate the area disturbed in case of liquidation or abscondence. In this case it stressed that no decommissioning rehabilitation will be required given that absolutely no new roads will be developed and the activity footprint is so small that no measures should be necessary.

Notwithstanding the above, it is incumbent on the applicant nevertheless to supply a bank guarantee for any unforeseen issues.

8.2 Alignment of rehabilitation with the closure objectives

(Describe and ensure that the rehabilitation plan is compatible with the closure objectives determined in accordance with the baseline study as prescribed).

The closure objective is to return the site to its current land use and land capability rating. In this case the land capability rating is wilderness area.

The rehabilitation of the site entails the following actions per drill site:

- Raking of each site with hand held rake if necessary
- General check of the site to look for signs of oil/fuel leaks
- Final Environmental Performance Assessment after all drilling and rehabilitation actions have been completed to ensure success of the proposals herein.

8.3 Quantum calculations.

(Provide a calculation of the quantum of the financial provision required to manage and rehabilitate the environment, in accordance with the guideline prescribed in terms of regulation 54 (1) in respect of each of the phases referred to).

Final rehab of all auger drill hole locations:	
Assume, hand raking at all holes, fuel / oil leak at 5% of holes PLUS any unforeseen issues (i.e. in addition to 10% contingency)	R 30 000
Plus 10% contingency	R 3 000
Plus 14% VAT	R 4 620
Grand Total	R 37 620

The table above reflects the calculation used in deriving the Rehabilitation Fund Guarantee. The provision for rehabilitation of the site will be supplied by means of a bank guarantee to be supplied to the Department of Mineral Resources. The purpose of such a fund provision is to provide for rehabilitation of the site by State nominated contractors should the applicant for any reason be unable to complete the rehabilitation activities or complete them insufficiently.

8.4 Undertaking to provide financial provision

The required amount of R38 000 or alternate amount adjudicated by DMR will be provided by the applicant by way of Bank Guarantee.

The applicant commits to the provision of such guarantee through the lodging and signing of this document.

9 REGULATION 52 (2) (e): Planned monitoring and performance assessment of the environmental management plan.

The applicant will ensure the following activities / functions take place to ensure implementation of this EMPlan's prescriptions:

- Copies of the EMPlan will be made available to the site manager.
- The applicant will ensure that the site manager/operator is fully au fait with the prescriptions of this EMPlan.
- The site manager will be responsible for ensuring that labour / operators are aware of their environmental responsibilities related to their activities.
- The site manager will continuously (whilst on site) conduct monitoring of activities taking place on site ensuring that all activities comply with the prescriptions of the EMPlan.
- Any shortcomings must be remedied immediately and if required the site manager must explain the required actions and reasons for them to the applicable person

In addition it is required that Environmental Performance Assessments (in terms of Regulation 55) must be conducted at the following milestones:

- After the first week of invasive prospecting, and
- Every 1 year after that

9.1 List of identified impacts requiring monitoring programmes.

The only aspects of the operation that will require monitoring are as follows:

1. Oil/ fuel leaks by drilling equipment and any vehicles which enter the site
2. Ensure that any disturbance is raked by hand-rake prior to leaving the site
3. Ensure that there is no disturbance of site once the drill leaves the site.

9.2 Functional requirements for monitoring programmes.

Fortunately, this monitoring programme is a very simple operation and no specific functional requirements are deemed necessary, however the final Environmental Performance Assessment must be conducted by independent party.

There is no need for measuring of dust, noise or water quality levels given the extreme small scale of this operation.

9.3 Roles and responsibilities for the execution of monitoring programmes.

The contract manager will be responsible for carrying out the interim monitoring whilst the final Performance Assessment must be conducted by independent party.

9.4 Committed time frames for monitoring and reporting.

The drilling contractor will be responsible for monitoring the rehabilitation of the site as soon as the drill moves to its next position.

The company will be responsible for monitoring the success of rehabilitation proposals as soon as the driller has drilled their last hole but before such driller leaves the site.

Independent compilation of the EPA will take place 1 month after the driller has left the site.

10 REGULATION 52 (2) (f): Closure and environmental objectives.

10.1 Rehabilitation plan

(Show the areas and aerial extent of the main prospecting activities, including the anticipated prospected area at the time of closure).

A maximum of 516 drill locations are required in the initial drilling phase. Should any infill drilling be required, it will be conducted in the same manner (with no adverse impact).

10.2 Closure objectives and their extent of alignment to the pre-mining environment.

Regulations 56 to 62 outline the entire process of mine closure, as a guide to applicants on the process to be followed for mine closure, and also to address the legal responsibility of the applicant with regard to the proper closure of his operation.

In terms of Section 37 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), the holder of a right is liable for any and all environmental damage or degradation emanating from his/her operation, until a closure certificate is issued in terms of Section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002).

The closure objective is to return the site to its current land use and land capability rating. The site will be returned to its original wilderness rating.

10.3 Confirmation of consultation

(Confirm specifically that the environmental objectives in relation to closure have been consulted with landowner and interested and affected parties).

Yes. A public participation process was completed and part of that process was the preparation of the "Background Information Document" (BID). Such document was included in all correspondence with Interested and Affected Parties and was available to all who wished to comment. Full copy of such BID was included in the Consultation report which has been lodged at the DMR.

Refer part 11 for full description of the public participation process.

Attention is drawn to part 5 of the BID which discussed in table form the expected post closure impact.

11 REGULATION 52 (2) (g): Record of the public participation and the results thereof.

Note that during initial public participation, a **Background Information Document** (BID) was distributed for comment. That BID was also attached to the **Consultation report** to the DMR. The BID will not be attached as an Annexure again. Should any party wish to peruse the BID, it can be emailed to them. It was widely distributed³.

NOTE: The proof of correspondence of notification with all identified I&AP's was included in the Consultation report which has been lodged with the DMR. However, historically most of the comment received on EMP's refers to lack of proof of consultation. As a result we have included some of the proof of consultation (i.e. just the registered postage slips) in this document as well. For more detail and copies of actual letter sent, please note that these were included in the **Consultation report** sent to the DMR which can be made available on request.

11.1 Identification of interested and affected parties.

11.1.1 Name the community or communities identified, or explain why no such community was identified.

The area is rural in nature with only private landowners (or local Municipality) being subject to the prospecting right. The closest communities are those of diamond mining communities of Komaggas and Koingnaas –refer figure 1.

11.1.2 Specifically state whether or not the Community is also the landowner.

The community is not the landowner.

11.1.3 State whether or not the Department of Land Affairs been identified as an interested and affected party.

Yes, the Land Claims Office has been identified as an Interested and Affected Party and involved in the Interested and Affected Parties Process.

11.1.4 State specifically whether or not a land claim is involved.

No response has been received from Land Claims Office but consultation will continue.

11.1.5 Name the Traditional Authority identified

None. The land is privately owned

³ The applicant lodged the application, compiled the Background Information Document, conducted all public participation to date and compiled and submitted the Report on Consultation to the DMR. Site Plan Consulting has been requested to compile the EMP

11.1.6 List the landowners identified by the applicant.

The Landowners of properties upon which the application is lodged are as follows:

Land / Property	Registered Owner
Kourkam 313 Remainder	PLAASLIKE OORGANGSRAAD-KOMAGGAS
Platvley 314 Remainder	PLAASLIKE OORGANGSRAAD-KOMAGGAS
Taaibosch Vlake 337 Portion 1	ABRAHAM JACOBUS GAGIANO
Taaibosch Vlake 337 Portion 2	WILLEM DANIEL KOTZE
Kameelboom Vley 338 Portion 1	WILLEM DANIEL KOTZE
Kameelboom Vley 338 Portion 2	WILLEM DANIEL KOTZE
Kameelboom Vley 338 Portion 3	ABRAHAM JACOBUS GAGIANO

11.1.7 List the lawful occupiers of the land concerned.

The landowners are the lawful occupiers.

11.1.8 Explain whether or not other persons' (including on adjacent and non-adjacent properties) socio-economic conditions will be directly affected by the proposed prospecting or mining operation and if not, explain why not.

The proposed prospecting operation consists of the drilling of a number of small diameter auger drill holes on the properties identified. It is impossible for an operation of such nature and small scale to have any impact on the socio economic status of any surrounding party or other (except perhaps for the contractor who will receive payment for drilling of the holes).

11.1.9 Name the Local Municipality identified by the applicant

Nama Khoi.

11.1.10 Name the relevant Government Departments, agencies and institutions responsible for the various aspects of the environment and for infrastructure which may be affected by the proposed project.

It is understood from the Department of Mineral Resources (DMR) that the DMR will contact relevant Government Departments. Government departments directly contacted by Kleinzee Heavy Minerals (Pty) Ltd and other agencies and institutions responsible for various aspects of the environment and infrastructure that have been identified by Kleinzee Heavy Minerals (Pty) Ltd are as follows:

- The National Department of Public Works
- The Department of Agriculture, Land Reform and Rural Development

- The Land Claims Office, Northern Cape
- The Nama Khoi Municipality
- The Namakwa District Municipality
- The Kamiesberg Municipality
- Conservation South Africa
- The South African National Biodiversity Institute
- The Northern Cape Department of Environment and Nature Conservation
- The World Wildlife Fund
- The Leslie Hill Plant Conservation Unit
- Enviro Africa
- Provincial Heritage Resources Agency
- SANParks, Namaqua National Park

Proof of such consultation was provided by the applicant in the Consultation report submitted to the DMR by the applicant Refer Annexure B for correspondence and responses received.

11.1.11 Submit evidence that the landowner or lawful occupier of the land in question, and any other interested and affected parties including all those listed above, were notified.

The process of ensuring broadest possible public participation was as follows⁴:

A Background Information Document (BID) was compiled. In the case of landowners this document was translated into Afrikaans. It is important to remember that such BID was attached to all correspondence and was also available as hard copy to all attendants of the Public Open Day & Landowner meeting – discussed later in the text.

1. Landowners

The landowners were identified as per 1.6 and notified initially through phone calls and then a follow up meeting where possible in the case of natural owners was attempted – in this case no person attended the landowner meeting (In the case of companies a registered letter was sent together with email and fax where possible). Appendix B gives an attendance register of all meetings and evidence the landowners or lawful occupier of the land in question were notified can be obtained through a phone call of the numbers in Appendix B. Each land owner was presented with a copy of the BID and requested to comment via the forms attached in Appendix B.

Note that Mr Gagiano has responded and his letter is included in Annexure B

⁴ Note that the lodgement of the application, the compilation of the BID, the public participation and the compilation and submission of the Report on Consultation was conducted by the applicant. Site Plan Consulting has been requested to assist in compilation of the EMP.

2. Adjacent, Other Non-adjacent Surrounding Landowners & Broader Public

Notification to these was by way of newspaper advert in the following newspapers on the following occasions:

- Eland on 21 February 2013
- Die Plattelander on 1 March 2013
- Die Namakwalander on 1 March 2013

Copy of the newspaper adverts are contained in Annexure A. The newspaper advert also served as an invitation to Public Open Day held on 7 March 2013 in Garies.

3. Other Parties, Agencies and Organisations

These are as identified above and were sent Email correspondence (including copy of BID) or a Registered Letter (including a hard copy of the BID) or a fax (where applicable). Each was given the opportunity to comment via a standard form.

It is important to note that all parties were requested to register as Interested and Affected Parties (except the landowners who are deemed to be an Interested and Affected Party). All those who registered as I&AP's will be sent copies of the EMP for their comment.

Annexure C gives the current list of registered Interested and Affected Parties compiled by Kleinzee heavy Minerals (Pty) Ltd.

11.2 The details of the engagement process.

11.2.1 Description of the information provided to the community, landowners, and interested and affected parties.

A Background Information Document was supplied to each and every Interested and Affected Party and made available to any who required it at the Public Open Day – Refer Annexure B for Attendance register of Public Open Day.

Every single person who wished to know more about the operation or comment thereon had access to the Background Information Document.

11.2.2 List of which parties identified in 11.1 above that were in fact consulted, and which were not consulted.

All of the parties identified in para 11.1 were consulted – Proof of such was provided in the Consultation reports which have been submitted to the DMR.

It is important to note that all parties were requested to register as I&AP's (except landowner who is deemed to be I&AP). All those who registered as I&AP's will be sent copies of EMP for their comment.

11.2.3 List of views raised by consulted parties regarding the existing cultural, socio-economic or biophysical environment.

There have been no conflicting views in terms of existing status of all aspects of the environment as described in the BID provided to all parties but Mr Gagiano has reiterated in his Point 3 that portion of the farms are in the very sensitive "Sandveld" area and such area is extremely sensitive and contains plants and animals (such as Haakkoppoue) which are locally endemic.

11.2.4 List of views raised by consulted parties on how their existing cultural, socio-economic or biophysical environment potentially will be impacted on by the proposed prospecting operation.

There have been no conflicting views in terms of impact on existing status of all aspects of the environment as described in the BID provided to all parties.

11.2.5 Other concerns raised by the aforesaid parties.

See minutes of meeting at the Public Open Day in Annexure B which shows a general air of optimism about the project but that such project must not impact on the Namaqua National Park (especially the coastal areas) and must not negatively impact on any existing economic activity in the area.

11.2.6 Confirmation that minutes and records of the consultations are appended.

Yes. Refer Annexure B.

11.2.7 Information regarding objections received.

Mr Gagiano has raised objection to the application on the basis that:

- 1) He believes he was not properly informed - It was explained to Mr Gagiano in response by the applicant that the process for application of prospecting right is initiated with the application and then only does public participation take place. Such system protects the right of the applicant as first applicant. Mr Gagiano was assured that he would be fully consulted throughout the process and that he would receive a copy of this EMP.
- 2) The environmental sensitivity of the "Sandveld" region.

11.3 The manner in which the issues raised were addressed.

Public Open Day:

All issues were asked and answered at a question and answer session held at Public Open Day. Minutes of such questions and answers are included in Annexure B.

12 SECTION 39(3)(c) of the Act: Environmental awareness plan.

12.1 Employee communication process

(Describe how the applicant intends to inform his or her employees of any environmental risk which may result from their work).

The actual physical prospecting will most likely be conducted by specialist contractors with their own staff. Part of the contract will be that the contractor staff must undergo a brief environmental induction training course.

The content of such course is as recommended in Annexure D.

12.2 Description of solutions to risks

(Describe the manner in which the risk must be dealt with in order to avoid pollution or degradation of the environment).

The only risks which is evident relates to possible (but unlikely) Hydrocarbon spill or Hydrocarbon pollution from another source.

The fuel handling procedure is as contained in Para 7.2.4.

12.3 Environmental awareness training.

(Describe the general environmental awareness training and training on dealing with emergency situations and remediation measures for such emergencies).

The short lived nature of the physical prospecting at this site does not preclude the applicant / contractor from providing adequate environmental awareness training. Annexure D shows what would serve as minimum content for such environmental awareness training.

13 SECTION 39 (4) (a) (iii) of the Act: Capacity to rehabilitate and manage negative impacts on the environment.

13.1 The annual amount required to manage and rehabilitate the environment.

(Provide a detailed explanation as to how the amount was derived)

The amount to conduct rehabilitation at each drill site will be absolutely minor and relates only to

1. The raking of the affected area by hand rake should such disturbance actually be evident and,
2. Handling of any fuel / oil contamination of the soil at any site (unlikely)

The amount for such rehabilitation has been calculated by way of guarantee for decommissioning rehabilitation as R38 000. Assume that such amount is also the cost of operational rehabilitation.

13.2 Confirmation that the stated amount is correctly reflected in the Prospecting Work Programme as required.

Yes. The expected contractor rate in the PWP is in the order of R350/m. This is a fairly liberal estimate at this stage and will include (by way of contract) the rehabilitation that may be required.

14 REGULATION 52 (2) (h): Undertaking to execute the environmental management plan.

Herewith I, the person whose name and identity number is stated below, confirm that I am the person authorised to act as representative of the applicant in terms of the resolution submitted with the application, and confirm that the above report comprises EIA and EMP compiled in accordance with the guideline on the Departments official website and the directive in terms of sections 29 and 39 (5) in that regard, and the applicant undertakes to execute the Environmental management plan as proposed.	
Full Names and Surname	Lwazi Malizole Phumelela Goba
Identity Number	790721 5211 086

-END-

Annexure A:

Copy of newspaper adverts

Bergsig sny Steinkopf se keel af



KOOKWATER ... Bergsig se Wayne Ruiters stuur een van sy draaiballe af teen 'n kolwer van Steinkopf.

ISAAC CLOETE

SPRINGBOK - Bergsig Krieket klub het behoorlik amok gemaak en Steinkopf Krieket klub met 216 lopies geklop. Die wedstryd was die derde rondte van die Namakwalandse 50-beurte krieket kompetisie wat gespeel was. Die tuis-span het eerste gekolf en 'n reuse 320/9 aangeteken.

Die beste kolwers van Bergsig was C Meyer (64), C Cloete (48) en G Tzorvas (43). Teen die einde het die veelsydige W Ruiters 'n warrel beurt van 28 lopies aangeteken wat drie viere en twee sesse ingesluit het.

Slegs D Hearne van die besoekers kon hond of haar af maak teen die kolf-golf van Bergsig met syfers van 10.1.67.3.

Steinkopf was van meet af onder druk en moes teen meer as ses lopies

per beurt kolf om seggenskap in die wedstryd te hê. Ongelukkig het hulle met reëlmaat paaltjies verloor wat hulle nooit 'n houvas op die kragmeting kon gee nie.

Reeds op 66/5 was die koel deur die kerk. Hulle kon nooit van die benarde posisie herstel nie, omdat hulle ses top kolwers terug in die kleedkamers was.

R Warne het moedig probeer en 33 lopies bymekaar geskraap. Die ander noemenswaardige bydrae was van D Cloete wat 23 aangeteken het.

Die besoekers was in die 33ste beurt almal uit vir 104 lopies. D Links was op sy stukke en het drie kolwers uitgeknikker. Maar die man van die oomblik was W Ruiters wat op sy beste was. Sy bouldleding was 5,4.0.15.3. Hy het, veral teen die einde, tot die boulaanval toegetree en die besoekers se kele afgesny met sy draaiballe.

Is weer sokker tyd

SHIMONEY REGTER

POSTMASBURG - Aandag alle sokker spanne, 'n jaarlikse sokker streeks toernooi is weer oppad dorp toe.

Die plaaslike sokker beheerliggaam doen 'n beroep op alle spanne om betyds in te skryf vir die Tsalfa Easter Sokker Toernooi gewilde jaarlikse sokkergebeurtenis.

Die gewilde, jaarlikse sokkergebeurtenis, word deur die Tsantsabane Local Football Association (TSALFA) in vennootskap met die Blinkklip Leggotla aangebied.

Hendri Jacobs skakelbeampte vir die Blinkklip noem dat sokkergeesdriftiges besig is om hul yere af te skud vir die jaarlikse streeks toernooi. Hy sê dat spanne vanuit die Tsantsabane, Kgatelopele, Gamagara, Joe Morolong, Ga-Segonyane en Siyancuma Munisipale areas aan die sokker gebeurtenis gaan deelneem.

Die kompetisie sal die Internasionale Sokkerfederasie (FIFA) se reëls streng toepas en sal op 'n uitspeelbasis geskied.

Die inskrywingsfooi beloop R2500. Die wenners van die kompetisie staan die

kans om medaljes en kontant pryse te wen. Die span wat eerste prys wen sal R30 000, 'n trofee en goue medaljes ontvang, tweede plek sal R20 000 en silwer medaljes ontvang, derde plek sal R15 000 en bronsmedaljes ontvang en vierde plek sal R10 000 ontvang.

Alle spanne wat deelneem aan die toernooi sal T-hemde kry, daar sal ook toekennings wees vir die speler van die toernooi en doelskieter van die toernooi.

Blinkklip Leggotla is 'n plaaslike organisasie sonder winsbejag. Dit streef daarna om deelname in sport en ontspanningsaktiwiteite onder jongmense van Tsantsabane te bevorder.

Verlede jaar het die Tsantsabane Jeug Opname, deur die Blinkklip Leggotla, bekend gemaak dat 31 % van jeug in die dorp sokker speel, 2% rugby, 19% aan ander soort sport deelneem en dat 40% nie aan sport deelneem nie. Volgens die opname voel 67% van jeug dat daar nie voldoende sportgeriewe in die gebied is nie.

Persones wat meer wil weet oor die toernooi kan vir Lebogang Daniels skakel by 072 220 4923 of Hilly Mkhari Olyn by 073 185 8843.

SAPD/NAB te sterk vir Bergsig

ISAAC CLOETE

NABABEEB - SAPD/NAB, die tuisspan, het Saterdag gewys hoekom hulle die huidige kampioen is in die 50-boulbeurte kompetisie van die Namakwalandse Krieket Unie.

SAPD/NAB het eerste gekolf en 'n reuse 351/9 aangeteken. G Cloete (95) en G Hollenbach (96) was verwoestend en het hulle hondertalle net-net met 'n paar lopies, onderskeidelik gemis. Hul vennootskap van 122 lopies om die tweede paaltjie was waarskynlik die doodsdoel aan Bergsig.

N Cloete (32) en R Fielding (33) het hulle goed ondersteun en aan die besoekers die stywe taak gestel om teen sewe lopies per beurt te kolf. Bergsig was nooit in die prentjie nie en op 119/5 was die skrif aan die muur vir hulle. Die enigste kolwers wat noemenswaardige lopies kon aanteken was G Gilbert (35), C Meyer (34) en G Tzorvas (32). Dit was 'n dag vir die Cloetes, want W Cloete (4), R Cloete

(2) en N Cloete (1) en G Cloete (1) het die paaltjies met reëlmaat laat kantel. Die besoekers was in die 37ste beurt almal uit vir 189 lopies, wat aan die tuisspan 'n oorwinning van 162 lopies besorg het.

Een swaeltjie maak nie 'n somer nie, maar miskien was W Ruiters se afwesigheid met sy draaiballe 'n swak punt wat SAPD/NAB deeglik uitgebuit het.

Bergsig krieketklub se bestuur het egter al hul ondersteuners bedank, wat hulle so mooi ondersteun het, ten spyte van die loesing.

SAPD/NAB lê tans tweede en Saterdag speel hulle teen Okiep, die huidige voorlopers.

Dit behoort 'n baie taai stryd te wees en op papier behoort SAPD/NAB op hul tuisveld net-net as oorwinnaars weg te stap. Bergsig het 'n loslootjie en sal genoeg tyd het om deeglik te besin, maar hulle kan nooit afgeskryf word nie.

So lyk jongste puntestand...

Spanne	Gespeel	Gewen	Verloor	Gelykop	Punte
Okiep	4	4	0	0	18
SAPD/NAB	4	3	1	0	12
Bergsig	4	2	2	0	8
Steinkopf	4	1	3	0	4
Aggeneyns	4	0	4	0	0

Kennis van die prospekterreg toepassing & roeping vir registrasie as Belanghebbende en Geaffekteerde Partye en / of Kommentaar

In terme van die bepaling van artikel 16 van die Minerale- en Petroleumhulpbronne Ontwikkelingswet (Wet 28 of 2002) Neem asseblief kennis dat die Prospekterreg aansoek ingedien is deur Kleinzee Swaar Minerale (Edms) Bpk en Wes Kus Swaar Minerale (Edms) Bpk by die Departement van Minerale Hulpbronne: Noord-Kaap. Die program is vir die prospektering van swaar minerale sand op die volgende plese geleë in die Namakwalandse kus gebied:

Kameelboom Vley 338 Porsie 1,2,3	Kourkam 313 Oorbiewende
Kameelboom Vley 338 Porsie 1,2,3	Platvley 314 Oorbiewende
Taibosch Vakte 337 Porsie 1,2	Klipkull 547 Porsie 2,7,8,9,10
Rooie Heuvel 502 Porsie 7	Kanoe 491 Porsie 3
Kanoe 491 Porsie 5,9	Ankoep Kanoe 490 Porsie 1
Langklip 489 Oorbiewende	

U word uitgenooi om die Publieke Ope Dag by te woon wat gehou sal word in die konferensie fasiliteit by die Garies Gemeenskap op 7 Maart 2013 vanaf 14:00 tot 19:00.

As u nie die Publieke Ope Dag by kan woon nie en wil nog steeds geregistreer word as 'n Belanghebbende en Geaffekteerde Party kan u skriftelik registreer voor 6 Maart 2013 by die volgende kontakbesonderhede:

Kontakpersoon: Jarno Kruger, Tel: 021 402 0342, Faks: 086 550 7613, E-pos: jarno@isitsaba.com

Let daarop dat slegs geregistreerde Belanghebbende en Geaffekteerde Partye op hoogte gehou sal word van die aansoek status in die toekoms sowel as afskrifte van alle relevante dokumentasie te ontvang. Daar sal geen verdere geleentheid om kommentaar te lewer op hierdie aansoek wees nie en dit is dan van belang vir u dat u die Publieke Ope Dag by woon en/of registreer as 'n Belanghebbende en Geaffekteerde Party.

SKOK: DWELMHANDELAARS GEBRUIK JONG MEISIES OM DWELMS IN KAAPSTAD AF TE HAAL

"Werkloosheid en die maklike geld wat verdien word speel 'n groot rol. Meisies word maklik R1000 na R2000 betaal per suksesvolle transaksie. Vir baie is dit 'n fortuin en kom dit handig te pas in hul arm huishoudings..."

Skokkende bewerings het onlangs aan die lig gekom in hoe 'n mate dwelmandelaars jong meisies gebruik om hul voorrade in Kaapstad en omgewing af te gaan haal.

Dit volg nadat die SAPD die wêreld warm maak vir dwelmandelaars in Okiep en omgewing. 'n Groot hoeveelheid dwelms is reeds gekonfiskeer uit hul hande en die alternatief nou is om jong meisies te gebruik vir hierdie doel. Volgens betroubare inligting reis hierdie meisies met plaaslike taxi's na Kaapstad en keer die volgende dag weer terug. Met duisende rande se dwelms... Werkloosheid en die maklike geld wat verdien word speel blykbaar 'n groot rol. "Meisies word maklik R1000 na R2000 betaal per suksesvolle

transaksie. Vir baie is dit 'n fortuin en kom dit handig te pas in hul arm huishoudings. Die gevaar om betrap en gearresteer te word weeg oënskynlik nie so swaar soos die geld wat uit hierdie transaksies verdien word nie het ons bron ons ingelig.

Dit is algemene kennis dat Okiep as die dwelmmekka beskou word. Concordia gemeenskap mobiliseer nou om hierdie euwel met wortel en tak uit te roei. 'n Vermeende dwelmandelaar wat homself wou tuis maak hier, is summier uit die dorp gejaag deur die gemeenskap. Okiep gemeenskap is nog nie so paraat vir die stryd teen dwelms nie. Dit is ook uit hierdie dorp waar jong meisies gebruik word om voorrade te gaan afhaal vir hierdie gewetenlose handelaars.



Foto-slegs ter illustrasie

Todat inwoners saam met die SAPD werk om dwelms uit te roei en dwelmandelaars aan die kaak te stel, sal hulle voortgaan om ons gemeenskappe te verwoes met hul middeis. Indien u weet van enige

dwelmbedrywighede, skakel asseblief met u naaste polisie-stasie. U oproep sal met die grootste vertroue gehanteer word.

**Berig deur
John vd Westhuizen**

Kennis van die prospekterreg toepassing & roeping vir registrasie as Belanghebbende en Geaffekteerde Partye en / of Kommentaar

In terme van die bepaling van artikel 16 van die Mineraal-en Petroleumhulpbronne Ontwikkelingswet (Wet 28 of 2002) Neem asseblief kennis dat die Prospekterreg aansoek ingedien is deur Kleinzee Swaar Minerale (Edms) Bpk en Wes Kus Swaar Minerale (Edms) Bpk by die Departement van Minerale Hulpbronne: Noord-Kaap. Die program is vir die prospektering van swaar minerale sand op die volgende plase geleë in die Namakwalandse kusgebied:

Kameelboom Vley 338 Porsie 1,2,3	Kourkam 313 Oorblewende
Kameelboom Vley 338 Porsie 1,2,3	Platvley 314 Oorblewende
Taaibosch Vlakte 337 Porsie 1,2	Klipkull 547 Portion 2,7,8,9,10
Rooide Heuvel 502 Porsie 7	Kanoep 491 Porsie 3
Kanoep 491 Porsie 5,9	Annex Kanoep 490 Porsie 1
Langkliip 489 Oorblewende	

U word uitgenooi om die Publieke Ope Dag by te woon wat gehou sal word in die konferensiefasiliteit by die Garies Gemeenskapsaal op 7 Maart 2013 vanaf 14:00 tot 19:00.

As u nie die Publieke Ope Dag by kan woon nie en wil nog steeds geregistreer word as 'n Belanghebbende en Geaffekteerde Party kan u skriftelik registreer voor 6 Maart 2013 by die volgende kontakbesonderhede:

Kontakpersoon: Jarno Kruger, Tel: 021 402 0342, Faks: 086 550 7613, E-pos: jarno@isitsaba.com

Let daarop dat slegs geregisteerde Belanghebbende en Geaffekteerde Partye op hoogte gehou sal word van die aansoek status in die toekoms sowel as afskrifte van alle relevante dokumentasie te ontvang. Daar sal geen verdere geleentheid om kommentaar te lewer op hierdie aansoek wees nie en dit is dan van belang vir u dat u die Publieke Ope dag bywoon en/of registreer as 'n Belanghebbende en Geaffekteerde Party.

Kennis van die aangeleëde toepassing, & reguleer die registrasie as
Belanghebbende en Geïnteresseerde Partye en / of Kommerantar
 In terms van die bepaling van artikel 16 van die Mineral-en Petroleumwetwetwet
 Ontwikkelingswet (Wet 28 of 2002) Hierin aasoblik kennis dat die Prospektoreng
 aaspek ingedien is deur Kaitane Swaz Minerale (Eding) Pk en Vies Kus Swaz
 Minerale (Eding) Pk by die Departement van Minerale Hilpbronne, Noord-kaap.
 Die program is vir die prospektoring van swaar minerale sand op die volgende plaas
 geteë in die Neehwalandse kus gebied:

- Kameelboom Vley 338 Porsie 1,2,3 Kourkam 313 Oorbewende
- Kameelboom Vley 338 Porsie 1,2,3 Piatulov 314 Oorbewende
- Taabbosch Vlakke 337 Porsie 1,2 Klipbult 547 Porsion 2,7,8,9,10
- Ronde Huiwel 502 Porsie 7 Kanoep 451 Porsie 3
- Kanoep 491 Porsie 5,9 Annex Kanoep 490 Porsie 1
- Langklip 489 Oorbewende

U word uitgenooi om die Publieke Ope Dag by te woon wat gehou sal word in die
 konferensie fasiliteit by die **Garies Gemeenskapsaal Hall op 7 Maart 2013 vanaf**
14:00 tot 19:00.

As u nie die Publieke Ope Dag by kan woon nie en wil nog steeds geregistreer word
 as 'n Belanghebbende en Geïnteresseerde Partye kan u skriftelik registrer voor 6
 Maart 2013 by die volgende kontakbesonderhede:

Kontakpersone: Jarmo Kruger, Tel: 021 402 0542, Faks: 086 550 7613,
 E-pos: jarno@stisaiba.com

Let daarop dat stegs geregistreerde Belanghebbende en Geïnteresseerde Partye op
 hoogte gehou sal word van die aaspek tot in die toekomst sowel as afskrift van
 alle relevante dokumentasie te ontvang. Daar sal geen verdere geleentheid om
 kommentaar te lewer op hierdie aansoek wess nie en dit is dan van belang vir u dat
 u die Publieke Ope Dag by woon en/of registreer as 'n Belanghebbende en
 Geïnteresseerde Partye.

NOTICE OF PROPOSED PROSPECTING

In terms of provisions of the Mineral and Petroleum Resources Development Act (Act 28
 of 2002) please be advised that prospecting applications have been lodged with the
 Department of Minerals and Energy in Springbok as follows:

To prospect for tungsten, molybdenum, copper, zinc, lead, fluorspar, bismuth, lithium, manganite
 and rare earths on the farm Letterfontein No. 614;

To prospect for heavy minerals (general), leucocane, rutile and monazite on Remainder
 and portion 2 of the farm Zandkopdrift No. 537;

The proposed prospecting will entail surface mapping, geochemical sampling, geophysical
 surveying, percussion and core drilling and soil sampling.
 To be identified and registered as an interested and / or affected party, you are invited to
 submit your name, contact information and interest in the matter, in writing, to reach the
 address below within 14 days of the date of publication of this notice:

P. O. Box 8399, Foshore, Cape Town, 8012,
 Tel: 021 446 6040; Fax: 021 446 6050,
 email: cthomas@fontreerearchis.co.za. Contact person: Cyril Thomas

KENNISGEWING VAN VOORGESTELDE

PROSPEKTERING

Insigende die Wet op Minerale en Petroleum Hilbronne Ontwikkeling (Wet 28 van
 2002) word u hierin kennis gestel van prospektorengaanse wat as volg by die
 Departement Minerale en Energie in Springbok ingedien is.

Om te prospektoreer vir tungsten, molybdenum, koper, sink, lood, fluorspar, bismuth, lit,
 monasiet rare earths op die plaas Letterfontein No. 614;

Om te prospektoreer vir swaar minerale (algemeen), leucocane, rutile en monasiet op die
 Restant en gedeelte 2 van die plaas Zandkopdrift No. 537;

Die beoogde prospektoring behels oppervlakte-kartering, gechemiese monstername, en
 geofisiese opname, slag- en kernboorwerk en klein skaal monstername.
 Om as 'n belanghebbende of geïnteresseerde partye te registreer te word, word u uitgenooi om u
 naam, kontakbesonderhede en belang by die saak in skrift te stel en tinnam: 14 dae van
 publikasie van hierdie kennisgewing te duur aan:

Postbus 8399, Foshore, Kaapstad, 8012,
 Tel: 021 446 6040; Faks: 021 446 6050,
 email: cthomas@fontreerearchis.co.za. Kontakpersoon: Cyril Thomas

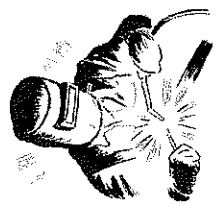
BETREKING
SWEISER / BOILERMAKER

Te
VERDE BITTERFONTEIN (PTY) LTD
NABABEEP
GOEIE VERWYSINGS SAL VOORKEUR
GENIET

FAKS CV NA 027-7138406
OF E-POS NA
andre@verdebitterfontein.co.za

OF HANDIG IN BY
KANTOOR TE
NABABEEP

SLUITINGSDATUM:
8 MAART 2013



Experienced Housekeeper (Springbok)

A family of four (4) is seeking an experienced housekeeper capable of
 completing room assignments in a timely fashion. The individual should
 require little to no direct supervision, however, this individual should be
 self directed to ensure a job well done.

The position is part time with the potential of reaching full time status
 based on individual performance. If you feel you are capable of filling this
 position and you can provide 2 business references please forward your
 letter of interest and resume.

Personal traits of successful candidate:

- Honest
- Trustworthy
- Professional
- Neat

Duties will include:

- Washing and ironing
- Cleaning
- Cooking
- Looking after pets
- Looking after the children

Salary and hours will be discussed with each candidate during the
 interview phase. This vacancy does not include live-in accommodation.

Interested candidates may fax their CV's to 027 712 2820 or email us at
 plattebender@mweb.co.za. Also contact 083 230 1255 should you wish
 to arrange for an interview.



NORTHERN CAPE EDUCATION DEPARTMENT
 The Northern Cape Department of Education hereby gives
 final notice to all service providers including schools
 conducting business with the Department to register on the
 Department's LOGIS data base if the service provider or
 school is not yet registered on the system.

This is the final plea from the Department and any service
 provider or school that is not registered by the 31st March
 2013 will not be considered eligible to conduct business with
 the Department as from the 1st April 2013.

LOGIS Supplier Registration forms can be collected at the
 following address or can be requested electronically(email)
 or telephonically with details below:

Northern Cape Education Department
 156 Barkley Road, Homestead
 Kimberley, 8301
 Supply Chain Management Block A, Room 46
 J Hamman/N Davis: 053 830 6570
 jhamman@ncpg.gov.za/ ndavis@ncpg.gov.za



NOORDKAAP ONDERWYS DEPARTEMENT
 Die Noordkaap Departement van Onderwys gee hierby finale
 kennisname aan alle dienste verskaffers insluitende skole wat
 dienste aan die Departement wil verskaf om op die
 Departement se LOGIS databasis te registreer indien
 sodanige dienste verskaffer of skool nog nie op die stelsel
 geregistreer is nie.

Hierdie finale pleidooi vanaf die Departement en enige
 diensteverskaffer of skool wat nog nie geregistreer is teen 31
 Maart 2013 nie, sal nie oorweeg word om besigheer met die
 Departement vanaf 01 April 2013 te doen nie.

LOGIS Diensteverskaffer vorms kan afgehaal word by die
 volgende adres of dit kan alternatiewelik aangevra word per
 epos of telefonies met besonderhede hieronder:

Noordkaap Departement van Onderwys
 156 Barkley Road, Homestead
 Kimberley, 8301
 Supply Chain Management: Block A, Kamer 46
 J Hamman/N Davis: 053 830 6570
 jhamman@ncpg.gov.za/ ndavis@ncpg.gov.za



RICHTERSVELD MUNISIPALITEIT

PUBLIEKE KENNISGEWING: VERSOEK OM DIE WAARDASIE
ROL TE INSPEKTEER EN BESWARE IN TE DIEN

Kennis geskied hiermee in terme van Artikel 49(1)(a)(i) saamgelees met
 Artikel 78(2) van Plaaslike Regering: Munisipale elendomsbelasting Wet Nr 6
 van 2004, hierna verwys na die "Wet" dat die waardasier vir die finansiële
 jaar 2013 tot 2017 ter insae is vir inspeksie by die munisipale kantore
 gedurende kantoor-ure van Richtersveld Munisipaliteit vanaf 01 Maart 2013
 tot 02 April 2013. Die waardasierol is ook beskikbaar op die internet
 www.richtersveld.gov.za

Die uitnodiging is gemaak in terme van Artikel(49)(a)(i) saamgelees met
 Artikel 78(2) van die Wet, dat die eienaar of 'n ander persoon 'n beswaar mag
 indien by die Munisipale Bestuurder in verband met enige aangeleentheid wat
 in die waardasierol is of nie daarin verskyn nie, binne die bowermelde
 tydperk.

Aandag word gesigtek op die feit gewesig dat in terme van Artikel 50(2) van
 die Wet, 'n beswaar verband moet hou met die spesifieke individuele elendom
 en nie teen die waardasierol as sulks nie. Die vorm vir besware is verkrygbaar
 by die Munisipale kantore van die Richtersveld Munisipaliteit, waar die
 waardasie rol ter insae is of op die internet, www.richtersveld.gov.za

Die voltooië vorms moet gestuur word aan : Richtersveld Munisipaliteit,
 Privateks 1113, Port Nolloth, 8280

Vir verdere navrae kontak Esmeien Hanekom by 027 851 1111 of per e-pos
 esmeien@richtersveld.gov.za

D.Farmer
 Munisipale Bestuurder



RICHTERSVELD MUNICIPALITY

PUBLIC NOTICE; CALLING FOR INSPECTION OF VALUATION
ROLL/SUPPLEMENTARY VALUATION ROLL AND LODGING OF
OBJECTIONS

Notice is hereby given in terms of Section 49(1)(a)(i) read together with section
 78(2) of the Local Government: Municipal Property Rates Act, 2004, hereinafter
 referred to as the "Act", that the valuation roll/supplementary valuation roll for
 the financial year 2013 to 2017 is open for public inspection at the Richtersveld
 Municipality from 01 March 2013 to 02 April 2013. In addition the valuation roll
 is available on the website, www.richtersveld.gov.za

An invitation is hereby made in terms of section 49(1)(a)(i) read together with
 section 78(2) of the act that any owner of property or other person who desires
 should lodge an objection with the municipal manager in respect of any matter
 reflected in, or omitted from, the valuation/ supplementary valuation roll within
 the above mentioned period.

Attention is specifically drawn to the fact that in terms of section 50(2) of the
 Act an objection must be in relation to a specific individual property and not
 against the valuation roll/supplementary valuation roll as such. The form for the
 lodging of an objection is obtainable at the Richtersveld Municipality or is
 accessible on the municipal website, www.richtersveld.gov.za

The completed form must be returned to Richtersveld Municipality, Private Bag
 1113, Port Nolloth, 8280.

For any enquiries please contact Esmeien Hanekom at telephone 027 851 1111
 or email esmeien@richtersveld.gov.za

D.Farmer
 Municipal Manager

Annexure B:

Correspondence to relevant I&AP's, Minutes of Meeting with Landowners, Correspondence received from I&AP's and Minutes of Public Open Days

Resultate van die kennisgewing en konsultasie soos vereis in terme van Petroleum Hulpbronne Ontwikkingswet Wet 28 van 2002.

Ek, _____, as geregistreer grondeienaar / verteenwoordiger van die geregistreerde grondeienaar van die (eiendom) _____

synde 'n moontlik beïnvloede party tot die aansoek om 'n prospekterreg NCS30/5/1/1/2/10523PR op die volgende Gedeeltes van die land in die Namakwalandse Kus:

Kameelboom Vley 338 Portion 1,2,3	Kourkam 313 Remainder
Platvley 314 Remainder	Taaibosch Vlakte 337 Portion 1,2

1. Ek is in kennis gestel dat 'n Prospekteringsreg aansoek ingedien is met die Departement van Minerale Hulpbronne, Kaapstad deur Kleinzee Heavy Minerals (Pty) Ltd, en
2. Ek is met 'n afskrif van die Agtergrond-inligting verskaf ten opsigte van so 'n.

As sodanig, het ek geen kommentaar of beswaar teen die aansoek

(Merk indien van toepassing)

OF

Ek het die volgende kommentaar / beswaar om te maak (gebruik aparte bladsy indien nodig):

Onderteken: _____ Datum: _____

My kontakbesonderhede is:

Tel: _____ Faks: _____ E-Pos: _____

Posadres: _____

Voltooi en faks na 086 550 7613

Results of Notice to and Consultation as required in terms of the Mineral and Petroleum Resources Development Act 28 of 2002.

Being a possibly affected party to the application for Prospecting Right NCS30/5/1/1/2/10523PR on the following portions of land in the Namaqualand Coastal area:

Kameelboom Vley 338 Portion 1,2,3	Kourkam 313 Remainder
Platvley 314 Remainder	Taaibosch Vlakte 337 Portion 1,2

1. I have been informed that a Prospecting Right application has been lodged with the Department of Mineral Resources, Northern Cape by Kleinzee Heavy Minerals (Pty) Ltd, and
2. I have been supplied with a copy of the Background Information Document in respect of such project.

As such, I have no comment or objection to the application

(Tick if applicable)

OR

I have the following comments / objections to make (use separate sheet if necessary):

Signed: _____ Date: _____

My contact details are:

Full Name: _____ Company (if applicable): _____

Tel: _____ Fax: _____ Email: _____

Postal: _____

PLEASE COMPLETE and FAX to 086 550 7613 or EMAIL to jarno@isitsaba.com

1. Type of parcel
COD
 Insured
 Ordinary

2. Type of parcel
KBA
 Versekerde
 Gewone

Sender's Reference No. Afsender Se Verwysingsno.	Addressee's name and address Naam en adres van geadresseerde	Trade charge / Value of ordinary / insured parcel Handelsbedrag / waarde van gewone / versekerde pakket		COD / Insurance fee KBA / versekerings-koste		Parcel no. Pakkeetto.
		R	c	R	c	
	De Beers Consolidated Mines Ltd Private Bag X1 Kleinsee 8282					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 805 ZA CUSTOMER COPY 301028R
	De Beers Consolidated Mines Ltd Private Bag X1 Kleinsee 8282					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 791 ZA CUSTOMER COPY 301028R
	The Divertore Uka-Phuzima Diamonds Corporation (Pty) Ltd P.O. Box 7815 93 Sandton 2146					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 788 ZA CUSTOMER COPY 301028R
	Conservation South Africa P.O. Box 174 Springbok 8260					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 774 ZA CUSTOMER COPY 301028R
	National Dept. Public Works Private Bag X9027 Cape Town 8000					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 765 ZA CUSTOMER COPY 301028R
	Northern Cape Dept. Environment Nature Conservation Private Bag X6120 Kimberley 8300					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 757 ZA CUSTOMER COPY 301028R
	World Wildlife Fund P.O. Box 23273 Claremont 7735					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 743 ZA CUSTOMER COPY 301028R
	Kamiesberg Municipality P.O. Box 38 Graricos 8220					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 730 ZA CUSTOMER COPY 301028R
	Kamiesberg Municipality P.O. Box 38 Graricos 8220					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 726 ZA CUSTOMER COPY 301926R

SA POST OFFICE
FOLIO 1

Sender's name and address:
 Naam en adres van afsender: **KLEINZEE HEAVY MINERALS**
+ WEST COAST MINERALS
P.O. BOX 6223, ROUGEBAAI, 8012

Number of items/packages:
 Getal stukke/gepos: **2012-02-19**
 Received by - Ontvang deur: **CAPE TOWN 8000**

Date-stamp
 Datumstempel

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Unit of parcel post

Unit of parcel post

COD
Insured
Ordinary

KBA
Versekerde
Gewone

1000000000

Sender's Reference No. Afsender Se Verwysingsno.	Addressee's name and address Naam en adres van geadresseerde	Trade charge / Value of ordinary / insured parcel Handelsbedrag / waarde van gewone / versekerde pakket		COD / Insurance fee KBA- / versekerings-koste		Parcel no. Pakketno.
		R	C	R	C	
	ENVIRO AFRICA P.O. BOX 5367 HEDELBURG 7135					REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0880 111 502 www.sapo.co.za</small> RD 829 960 496 ZA CUSTOMER COPY 301028R
	LESLIE HILL PLANT CONSERVATION PRIVATE BAG X3 RONDEBOSCH 7701					REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0880 111 502 www.sapo.co.za</small> RD 829 960 519 ZA CUSTOMER COPY 301028R
	DEPT. AGR, LAND REFORM, RURAL DEV PRIVATE BAG X 5018 KIMBERLEY 8300					REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0880 111 502 www.sapo.co.za</small> RD 829 960 522 ZA CUSTOMER COPY 301028R
	CONSERVATION SOUTH AFRICA P.O. BOX 179 SPRINGBOK 8240					REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0880 111 502 www.sapo.co.za</small> RD 829 960 540 ZA CUSTOMER COPY 301028R
	SANPARKS NATIONAL PARK P.O. BOX 117 KAMIESKLOOF 8241					REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0880 111 502 www.sapo.co.za</small> RD 829 960 536 ZA CUSTOMER COPY 301028R
	NATIONAL DEPT OF PUBLIC WORKS PRIVATE BAG X5002 KIMBERLEY 8300					REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0880 111 502 www.sapo.co.za</small> RD 829 960 607 ZA CUSTOMER COPY 301028R
	LESLIE HILL PLANT CONSERVATION UNIVERSITY OF CAPE TOWN RONDEBOSCH 7701					REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0880 111 502 www.sapo.co.za</small> RD 829 960 669 ZA CUSTOMER COPY 301028R
	WORLD WILDLIFE FUND P.O. BOX 23273 CLAREMONT 7735					REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0880 111 502 www.sapo.co.za</small> RD 829 960 655 ZA CUSTOMER COPY 301028R
	PROVINCIAL HERITAGE RESOURCES P.O. BOX 1930 KIMBERLEY 8300					REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0880 111 502 www.sapo.co.za</small> RD 829 960 641 ZA CUSTOMER COPY 301028R

Sender's name and address:
 Naam en adres van afsender: **KLEINZEE HEAVY MINERALS**
+ WEST COAST MINERALS
P.O. BOX 6223, ROOGEBAAI, 8012

Number of items posted:
 Getal stukke gepos: _____
 Received by - Ontvang deur: _____

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 FOLIO 1
 2013-02-19
 CAPE TOWN 8000

Date stamp
 Datumstempel

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List of parcels to be posted

List van pakkele te post

Post Office 19

COD
Insured
Ordinary

KBA
Versekerde
Gewone

Sender's Reference No. / Afsender Se Verwysingsno.	Addressee's name and address / Naam en adres van geadresseerde	Trade-charge / Value of ordinary / Insured parcel / Handelsbedrag / Waarde van gewone / Versekerde pakket		COD / Insurance fee KBA- / versekerings-koste		Parcel no. / Pakketno.
		R	c	R	c	
	Provincial Heritage Resources Agency P.O. Box 1930 Kimberley 8300					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 505 ZA CUSTOMER COPY 301028R
	The Directors UKM-Phosima Diamonds Corp P.O. Box 781583 Sandton 2146					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 638 ZA CUSTOMER COPY 301028R
	Enviro Africa P.O. Box 5367 Heidelberg 7135					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 624 ZA CUSTOMER COPY 301028R
	Georgiano Abraham Jacobus Postbus 547 Springbok 8240					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 615 ZA CUSTOMER COPY 301028R
	Namakwa District Municipality P.O. Box 5 van Riebeeck St Springbok 8240					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 598 ZA CUSTOMER COPY 301028R
	Mr. Shadrack Mntshingane Land Claims Office Northern Cape P.O. Box 2458 Kimberley 8300					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 584 ZA CUSTOMER COPY 301028R
	Auret William Petrus Private Bag x20 Springbok 8240					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 575 ZA CUSTOMER COPY 301028R
	South African National Biodiversity Unit Private Bag x101 Pretoria 0001					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 553 ZA CUSTOMER COPY 301028R
	Northern Cape Dept. Environment & Nature Conservation Private Bag x6120 Kimberley 8300					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 829 960 567 ZA CUSTOMER COPY 301028R

Sender's name and address: / Naam en adres van afsender:
 Kleinfac Heavy Minerals and Light Coal Mineral Sands P.O. Box 6023 Ruyig Avenue 8011

Number of items posted: / Getal stukke ge-pos: 2013-02-19
 Received by - Ontvang deur: CAPE TOWN 8000

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List of parcels posted

COD
Insured
Ordinary

List of parcels posted

KBA
Versekerde
Gewone

Post Office
12

Sender's Reference No. Afsender Se Verwysingsno.	Addressee's name and address Naam en adres van geadresseerde	Trade charge / Value of ordinary / insured parcel Handelsbedrag / waarde van gewone / versekerde pakket		COD / insurance fee KBA- / versekerings-koste		Parcel no. Pakketno.
		R	c	R	c	
	SAN PARKS NATIONAL PARK P.O. BOX 117 KAMIESKROON 8241					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 302 www.sapo.co.za RD 829 960 712 ZA CUSTOMER COPY 301028R
	S.A. NATIONAL BIODIVERSITY UNIT PRIVATE BAG X101 PRETORIA 0001					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 302 www.sapo.co.za RD 829 960 876 ZA CUSTOMER COPY 301028R
	NAMAKWA DISTRICT MUNICIPALITY P.O. BOX 5, VAN RIEBEEK STR. SPRINGBOK 8240					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 302 www.sapo.co.za RD 829 960 709 ZA CUSTOMER COPY 301028R
	LAND CLAIMS OFFICE N. CAPE P.O. BOX 2458 KIMBERLEY 8300					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 302 www.sapo.co.za RD 829 960 686 ZA CUSTOMER COPY 301028R
	DEPT. AGRI, LAND REFORM, DEVELOP PRIVATE BAG X5018 KIMBERLEY 8200					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 302 www.sapo.co.za RD 829 960 872 ZA CUSTOMER COPY 301028R

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FOLIO 1
2013-02-19
CAPE TOWN
8000

Sender's name and address:
Naam en adres van afseender: **KLEINZEE HEAVY MINERALS**
+ WEST COAST MINERALS
P.O. BOX 6223, ROOGERSAAL, 8012

Number of items posted:
Getal stukke gepos:
Received by - Ontvang deur:

Date-stamp
Datumstempel

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LETTER
ERDE BRIEF

on/met 'n versekeringsopsie)



Postage paid R _____ c
 Service fee / Diensgeld R _____ c
 Insurance / Versekering R _____ c
 Total / Totaal R _____ c

ing/Volledige volg en spoor

eer aan
 S. CILBERS
 MS MEX
 C 723
 LOW T1499 Postcode
 Poskode

Insured value of contents
 Versekerde waarde van inhoud R _____ c

Enquiries/Navrae
 Toll-free number
 Tolvry nommer
 0800 111 502

Initial of
 accepting
 officer

Date Stamp

9

2013-03-01

CAPE TOWN
 8000

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 rde briewe van toepassing.

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 (with a domestic insurance option)
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 CUSTOMER COPY 3010289

Paraaf van
 aaneem-
 beampte

Datumstempel

LETTER
ERDE BRIEF

on/met 'n versekeringsopsie)



Postage paid R _____ c
 Service fee / Diensgeld R _____ c
 Insurance / Versekering R _____ c
 Total / Totaal R _____ c

ing/Volledige volg en spoor

eer aan
 RESOURCES S.A
 BX 8399
 LOW 8000 Postcode
 Poskode

Insured value of contents
 Versekerde waarde van inhoud R _____ c

Enquiries/Navrae
 Toll-free number
 Tolvry nommer
 0800 111 502

Initial of
 accepting
 officer

Date Stamp

Q

SA POST OFFICE
 FOLIO 15

2013-03-01

CAPE TOWN
 8000

s letter is as indicated and compensation is not payable for a letter
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 rance up to R2 000 00 is available and applies to domestic registered

ierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n
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 albaar nie. Opsionele versekering tot R2 000 00 is beskikbaar en is
 de briewe van toepassing.

REGISTERED LETTER
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 0800 111 502
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Datumstempel

LETTER
ERDE BRIEF

in/met 'n versekeringsopsie)



Postage paid R _____ c
 Service fee / Diensgeld R _____ c
 Insurance / Versekering R _____ c
 Total / Totaal R _____ c

ing/Volledige volg en spoor

eer aan
 BERTUS CILBER
 MS MEX
 X 723
 LOW T1499 Postcode
 Poskode

Insured value of contents
 Versekerde waarde van inhoud R _____ c

Enquiries/Navrae
 Toll-free number
 Tolvry nommer
 0800 111 502

Initial of
 accepting
 officer

Date Stamp

Q

SA POST OFFICE
 FOLIO 15

2013-03-01

letter is as indicated and compensation is not payable for a letter
 nsation is limited to R100 00. No compensation is payable without
 rance up to R2 000 00 is available and applies to domestic registered

REGISTERED LETTER
 (with a domestic insurance option)
 0800 111 502

Paraaf van
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Datumstempel

MINUTES OF MEETING OF OPEN DAY
THURSDAY, 7 MARCH 2013: 14H00 – 19H00
GARIES COMMUNITY HALL

Meeting Opened 2pm.

Representatives of Provincial Department of Conservation and Environmental Affairs

In attendance : Wilma Oppel, Adeleen Cloete, Bronwen Cornelisen

Wilma Oppel indicated that their focus was on the environmental impact of the proposed project, however understood that this was only the initial stages of prospecting. The representatives enquired about the process of the initial prospecting to be done and it was indicated that this is performed by very low impact equipment (auger drill) and that only once samples indicated economic quantities of mineral sands will bulk sampling and mine applications take place.

The representatives gained an understanding that the total process will take many years and are eager to participate as much as they can from an environmental and conservation perspective. Of particular interest to them were the coastal regions close to the Namaqua National Park, and they were assured that all applications fall outside of the national park. They further enquired on the effect of the mineral rights application on existing right holders such as bamboo harvesters and it was explained that these rights would not be prejudiced and a strong focus on integration with the environment, existing stakeholders and people would be the backbone of this application.

The representatives made a comment that they are trying to establish a coastal boundary protection over certain areas of the coastline and they would like to engage further with Kleinzee Heavy Minerals on this. Kleinzee Heavy Minerals undertook to look at the biodiversity area map to gain further insight into this coastal boundary protection and critical biodiversity hotspots.

Further explanations were given about timelines around development of the project, and the representatives took note that in the initial stages of prospecting there will limited impact due to the proposed operation. The representatives also acknowledged the critical importance of economic development and subsequent job creation should an economically viable and sustainable operation be brought into life. Kleinzee Heavy Minerals and the representatives

agreed that much integration is necessary from all parties to create a successful, sustainable and responsible project.

Representative from the Soebatsfontein Community, Area Social Development
Representative and a District Representative of Kamiesberg

In attendance : Elsabe Stewens, Ellick Steenkamp, Sonia Brandt

The representatives drove from Soebatsfontein for the public open day and they immediately indicated optimism about the potential for job creation. They enquired about the timeline of the project and it was explained that job creation is a later stage development. They enquired about the process and technicalities of prospecting and mining rights being awarded and it was undertaken to inform the various representatives of any further developments.

Meeting closed 7pm.

Omskrywing van die Projek

FASE 1: NIE-INDRINGENDE PROSPEKTERING

Nie-indringende prospektering sal die gebied dek, en sal die volgende sub-fases insluit:

- **Fase 1A** sal die volgende lessenaar aktiwiteite behels: data verkryging van die regering en private bronne, en die analise van enige bestaande / vorige prospektering en boor data, satelliet (Landsat) beelde, lugfoto's, en terrain data, asook geologiese kaart interpretasies. Die sintese en interpretasie van sulke inligting sal bydra tot die verskaffing van 'n duidelike prentjie van die area en die eienskappe van die swaar mineraalafsettings / s, en die in-veld prospekterings program sal hierdeur gety word.
- **Fase 1B:** Oppervlakte kartering sal gedoen word deur die projek geoloog (Dr J Hattingh) en assistente, en sal plaasvind oor 'n tydperk van 2 maande. So 'n kartering sal GPS beheerde deurkruising bevat, en lugfoto kartering.
- **Fase 1C** sal die opmeting en vaspenning van die verwagte deposito bevat. Hierdie sub-fase sluit die volgende aktiwiteite in:
 - Opmeting van die gekarteerde gebied wat geprospekteer word. 'n rooster (250m x 250m) sal op die kaart gemerk word, waarna hierdie posisies nagesien sal word deur 'n landmeter met benoemde sparre (penne) in die veld. Vlak (18 m diepte) hand beheerde awegaar boorwerk sal plaasvind op hierdie gemerkte gebiede (sien hieronder Fase 2A)
 - Toegangs roetes na die boorwerwe sal ook gevestig word (bestaande paaie sal gebruik word waar moontlik).
- **Fase 1D:** Die inligting wat verkry is van die bogenoemde nie-indringende prospektering kan lei tot 'n oorsig van die voorgestelde boor posisies / prospekter rooster. Hierdie spesifieke gebiede nie bepaal kan word op hierdie punt in die tyd. Ten einde hierdie proses te bespoedig, word die volgende aanbeveling as 'n pad vorentoe:
 - OBP moet gebaseer op inligting soos sensitiewe plantegroei om "geen toegang" areas te identifiseer. (indien beskikbaar)
 - Teen die tyd van die identifisering van die teiken areas, moet 'n spesialis-botanis aangestel word om die teenwoordigheid of afwesigheid van enige kritiekbedreigde plantegroei tipes te bevestig. Hou in gedagte dat die meerderheid van die gebied is Namakwaland strandveld, wat (hoewel nie statutêr bewaar) nie oorweeg word om 'n bedreigde soort plantegroei te bevat nie.

Indien die prospekter-awegaar boorgat, roosterstelling vereis, sal sodanige wysigings / bylaes (aan beide die prospekter-werk-program en die OBP) by die DMR ingedien word. Let egter daarop dat alhoewel die posisies van die boorgate effens mag verander, die metode en omgewingsimpak versagende maatreëls egter nie verwyg word om enige hersiening te ondergaan nie.

FASE 2: INDRINGENDE PROSPEKTERING (BOORWERK)

Fase 2 sal geïnisieer word na die gedetailleerde analise van al die Fase 1 resultate vergelyk is, en die korrekte persone saamgeroep is om die volgende fase te begin:

- Leer / oplei van personeel vir die uitvoer van die prospekter program op omgewingskwessies (waarvan die besonderhede bespreek word in die OBP).

Indringende prospektering sluit die volgende sub-fases in:

- **Fase 2A:** Boorwerk sal of uitgevoer word deur 'n sleepwa gemonteerde awegaar boor tuig of deur 'n hand gehou enjin bedryf awegaar boor. Die tuig sleepwa word gesleep op die werf deur 'n standaard 4 x 4 bakkie. Ongeveer 865 awegaar boor gate sal per aansoek sal na verwagting tot 'n maksimum diepte van ongeveer 18m elk geboor word. Presiese plasing van elke putjie op die oomblik is onbekend en sal bepaal word deur die ontleding van fase 1. Die awegaar boor is in essensie 'n karkskroef tipe boorpunt waar die hieliese kant die grond monsters na bo druk vir grondmonster analise.

Fase 2B: Hierdie sub-fase sal 'n tweede ronde van die boorwerk insluit. Bykomende awegaar boor gate sal geboor word om sekerheid oor die kontinuiteit van die swaar mineraalafsettings te verkry. Die aantal bykomende gate wat vereis word, sal bepaal word deur die resultate van die eerste fase van boor (Fase 2A). Dieselfde boor sal geïmplementeer word soos beskryf vir Fase 2A hierbo.

2.1 Boor Rooster Uitleg

Die aansoeker se konsultasie geoloog het deur middel van vorige ervaring en lugfotovertolking ongeveer afbakenings maak van die swaar mineraal reserve en sodanige sal die toepassing gebied verminder word tot spesifieke gedeeltes van die plaas.

2.2 Boor Program

Aansoek is gedoen dat die prospekterreg geldig wees vir vyf jaar (60 maande). Let daarop dat hierdie aansoek ingedien is vir 60 maande om voorsiening te maak vir enige vertrags wat mag voorkom of enige verdere wysigings wat nodig mag wees in die toekoms.

Boorwerk is veronderstel om plaas te vind in twee 1-maande periodes geskei deur 'n analise fase. Die eerste fase van die boorwerk sal vereis dat die boor van ongeveer 865 awegaar boor gate per aansoek gedoen word, gevolg deur 'n tweede ronde van gapingvernouing boorwerk. Dit sal toelaat vir gefaseerde chemiese ontleding van die monsters en dan 'n besluit na afloop van elke tydperk of om voort te gaan met die prospekter-program, of nie.

Daar word verwag dat die boor tuig tussen twee en drie uur sal vereis om boorwerk op elke boorarea te voltooi. Let op dat net een van elke boor tipe (awegaar en een agteruit sirkulasie perkussie) op die perseel sal wees op enige gegewe tyd.

Die kontrak(t)e om die genoemde boor en grootmaat monsterneming program uit te voer sal uitgesit word vir tender wanneer die prospekterreg goedkeuring verleen is deur die DMR.

FASE 3: INDRINGENDE PROSPEKTERING (GROOTMAAT MONSTERNEMING)

Grootmaat monsterneming (Fase 3) sal slegs gedoen word indien geregverdig word deur die belowende resultate wat verkry is uit die boor programme.

Na aanleiding van gedetailleerde gapingvernouing boor mag grootmaat monsterneming van 5 x 50 ton (of 5 x 36m²) materiaal per aansoek nodig wees deur vlak putte met behulp van 'n graaf 'n maksimum diepte van 3m te grawe. Die sowat 250 ton gemonteerde materiaal sal per vragmotor na 'n verwerkingsvloer vervoer word. Dit is nodig om verteenwoordigende verwerking te doen op 'n nabye produksie-aanleg om sodanige aanpassing vereistes te stel aan die metallurgiese en herstel grade vas te stel vir onder produksie-omstandighede.

Presiese posisie van die 5 grootmaat monster prospekterders myne per aansoek is tans nie bekend nie omdat die vastelling daarvan afhanklik is van die interpretasie van die resultate van die boorprogram. Om die rede word voorsiening gemaak in die prospekter bylae om voorsiening te maak vir 'n wysiging van die swaarminerale prospekterreg werkprogram en OBP om die presiese posisie van die grootmaat monsterneming kuipe om te besin. Sodanige wysiging sal ingedien word in terme van Artikel 102 van die MPRDA.

FASE 4: MONSTERVERWERKING EN DATA ANALISE

Awegaar boor monsters sal geneem word van die materiaal wat deur die awegaar boor voor die gat in omgekeerde volgorde opgevol het. Monsters kan verwyder word deur 'n 4x4 bakkie. Die 250 ton van grootmaat monsters sal per vragmotor vervoer word.

Hierdie fase sal ook bestaan uit 'n ontleding van al die inligting wat ontvang is van die indringende-en-nie-indringende prospekter-aktiwiteite. Die ekonomiese haalbaarheid studies wat nodig is om die ekonomiese en metallurgiese lewensvatbaarheid van die projek te bepaal, sal uitgevoer word deur die ontleding van die resultate van die data wat ingesamel is uit die prospekter-program, en die pre-gaangbaarheidsstudies sal daaruit gefinaliseer word.

Die monster verwerking sal dien om die verwagte myn opbrengs te evalueer en sal die ontwerp aspekte vir 'n maontlike toekomstige mynbou bepaal indien, 'n lewensvatbare hulpbron is die resultaat is van die verwerking.

FASE 5: BESLUITNEMING

Die volgende aktiwiteite sal onderneem word as deel van hierdie finale fase (Fase 5) van die voorgestelde prospekterings werkprogram:

- Die resultate van die nie-indringende en indringende prospekter-metodes sal ten volle beoordeel word en ontleed word om 'n gedetailleerde begrip van die geologie van die projek te verkry. Dit sal rekonaar generasie van modelle behels die proses van deposito simulasie.
- Verskeie verslae, soos wat in terme van die MPRDA vereis word, sal gevolg word aan die DMR reg deur die prospekter-proses.
- Kleinzee Swaar Minerals (in oorleg met die projek span) sal 'n besluit oor die pad vorentoe. Hulle sal drie maontlike opsies beskik om van te kies ten opsigte van die voorgestelde pad vorentoe, naamlik:
 - Dien 'n mynbou reg aansoek in: Indien prospektering positiewe resultate lewer, dan mag 'n mynreg aansoek ingedien word by die DMR. Indien hierdie roete gekies is sal verdere konsultasie met belanghebbende en geaffekteerde partye gedoen word soos in terme van die MPRDA vereis.
 - Gaan voort met prospektering: As die prospekter-resultate nie afdoende is nie, sou hulle kon besluit om voort te gaan met verdere prospektering. Indien so 'n plan van aksie gekies word, kan 'n aansoek vir 'n Prospekteringsreg Hernuwing met die DMR ingedien moet word, indien nodig. Voortgesette prospektering kan insluit addisionele awegaar boor en / of grootmaat monsterneming.
 - Staak die hele operasie: Indien die resultate van die prospekter-aktiwiteite negatief is, sal hulle waarskynlik besluit om die hele operasie te staak. Indien hierdie opsie gekies word, dan word enige werwe en boor areas ten volle herstel, asook enige ander versteurde gebiede. Aansoek om shuiting, sal in hierdie geval, met die DMR ingedien word.

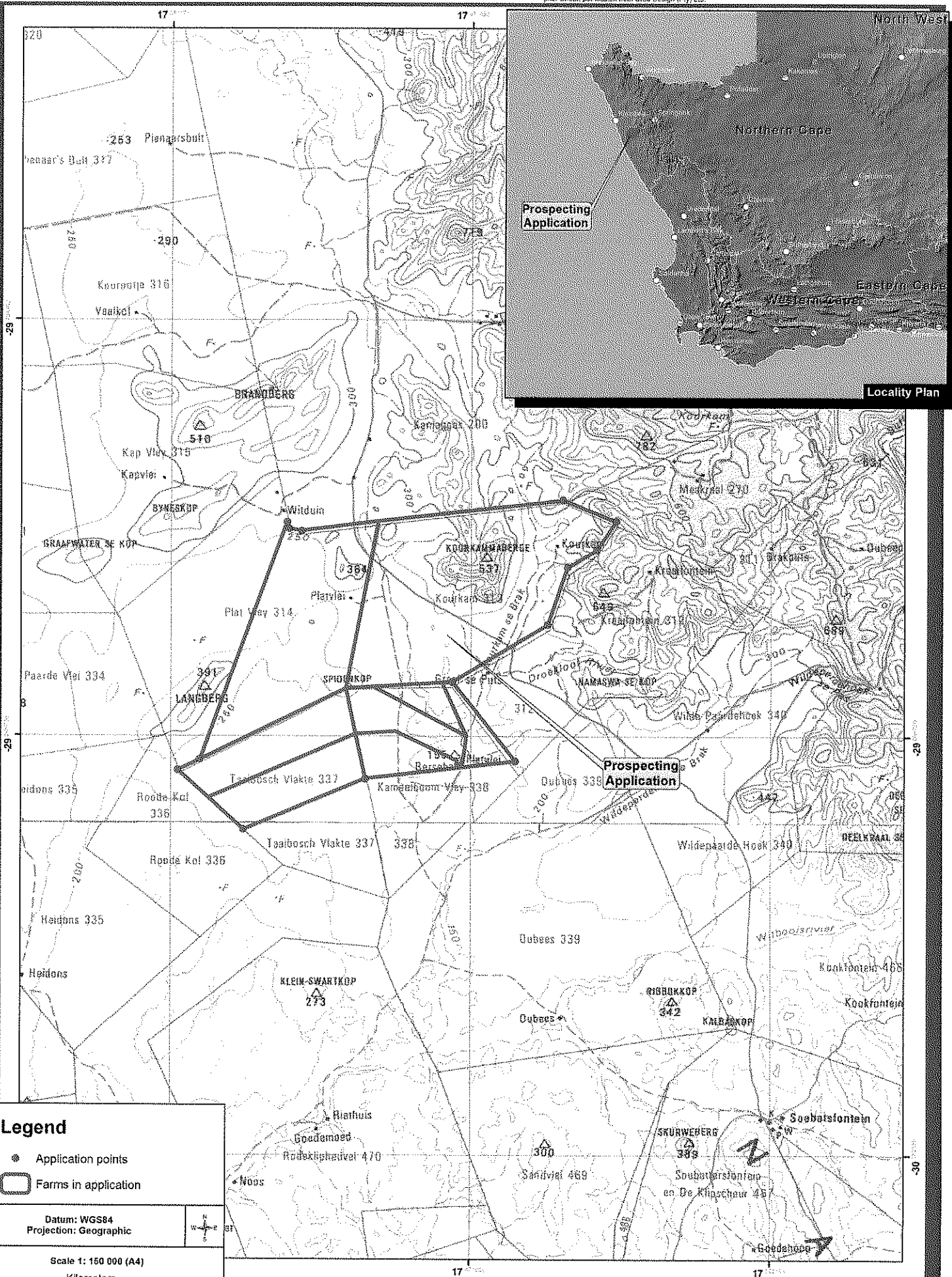
FASE 6: REHABILITASIE

Elke awegaar boor-en grootmaat monsterneming area sal gerehabiliteer word soos wat 'n prospektering voortgaan. Rehabilitasie sal gedoen word in ooreenstemming met die riglyne soos vervat in die OBP.

Die OBP beskryf ook versagtings maatreëls vir die omgewingsimpak wat met die voorgestelde boorwerk geassosieer word en die oogmerk is om maatreëls te implimenter om sodanige die impak op die omgewing in te perk.

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MAY 2012



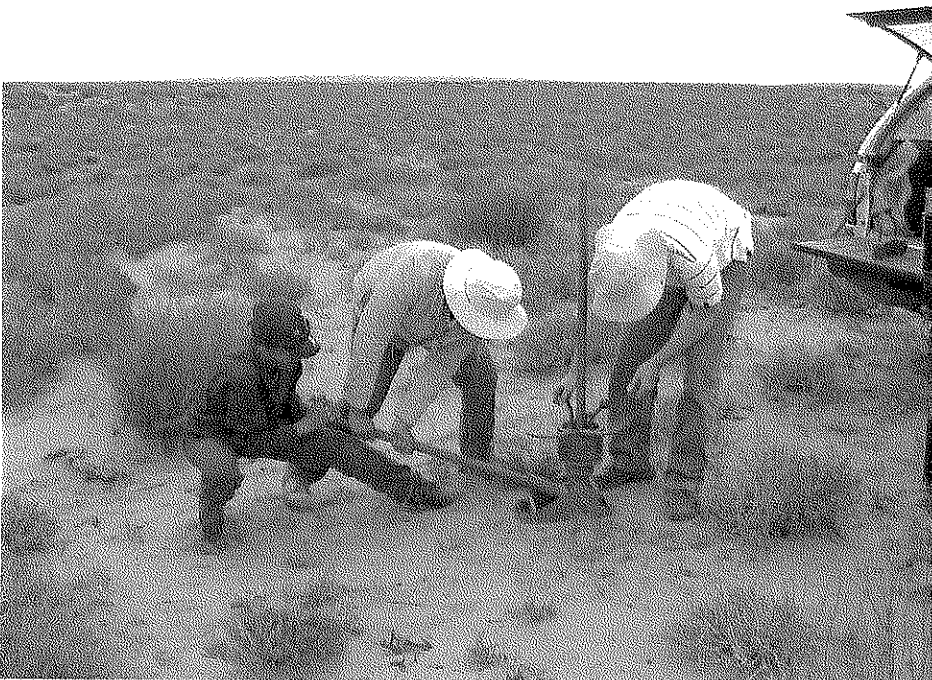
Legend

- Application points
- Farms in application

Datum: WGS84
 Projection: Geographic

Scale 1: 160 000 (A4)
 Kilometers

0 2 4 8



Prospekteringsreg Aansoek Proses

Die proses wat gevolg moet word deur 'n aansoeker vir' n Prospekteringsreg word, is wetgewing in terma van die MPRDA.

1. Die eerste stap in die proses is die indiening van die aansoek deur die aansoeker. Die werklike indiening word gedoen sonder konsultasie om te verseker dat die die aansoeker se regte as eerste aansoeker is beskerm word.
2. Binne 14 dae sal die DMR of die aansoek aanvaar en versoek die applikant om voort te gaan met die proses, of die aansoek word verwerp. Hierdie aansoek is aanvaar en die proses gaan voort soos volg::
 - a. Die aansoeker berei 'n Agtergrond Inligtingsdokument dokumentasie (hierdie dokument) voor, wat met alle geskrewe en persoonlike kommunikasie vergesel. Hierdie dokument is aanvanklik gestuur na al die geïdentifiseerde geïntereseerde en geïmpakteerde partye wat insluit die grondeienaar, omliggende grondeienaars, die Grondeise Kommissaris, munisipaliteite en die provinsiale departement wat verantwoordelik is vir die omgewing..
 - b. Breër openbare deelname sal ook plaasvind en dit neem die vorm aan van ten minste 'n advertensie in die plaaslike koerant. 'n Kennisgewing kan ook geplaas word by die ingang na die geïmpakteerde plaas of aansoek omgewing.
 - c. Die aanvanklike kontak met die Geïntereseerde en Geïmpakteerde Partye dien as in kennis stelling en raadpleeging met die grondeienaar / wettige okkupeerder en ander geïmpakteerde partye. Voorts moet die aansoeker enige bykomende Geïntereseerde en Geïmpakteerde Partye identifiseer en versoek dat die partye as sodanig registreer (via die koerant advertensie byvoorbeeld) . Die registrasie is belangrik in die sin dat dit verseker dat diegene wat registreer is op hoogte gehou word van die status van die aansoek en ook voorsien word met relevante dokumentasie.
 - d. Die Mineraal Petroleum Hulpbron Ontwikklingswet 28 van 2002 (MPRDA) vereis nie dat 'n aparte omvangsbepalingsverslag vir' n prospekterreg of mynbou permit aansoek nie, maar dokumentasie wat aandui beplande sowel as bewys van enige of al die openbare deelname voltooi en die reaksie wat ontvang is moet ingedien word by die Departement Minerale Hulpbronne (DMR). Hierdie inligting moet die DMR bereik binne 30 dae van die aansoeker in kennis gestel is dat die aansoek aanvaar is.
 - e. Alle kommentaar is opgeneem in die Omgewingsbestuursplan (EMPlan) wat opgestel moet word. Die aansoeker het 'n verdere 30 dae (dws 60 dae in totaal) om voor te berei en die EMPlan by die DMR in te dien.
 - f. Die DMR is verantwoordelik vir die verspreiding van die EMPlan na Staatsdepartemente wat dan 60 dae het om kommentaar op die verslag te lewer aan die DMR
 - g. Die standaard praktyk (gegewe die kort tydperk van slegs 60 dae voor die indiening van die EMPlan) is alle geregistreerde Bellanghebbende en Geïmpakteerde Partye met die geleentheid gegun word om kommentaar te lewer op die EMPlan tydens die tydperk voorsien aan die Staatsdepartemente om kommentaar te lewer.
 - h. Die DMR beoordeel alle kommentaar en voorsien aan die aansoeker met hulle oorwegende besluit na 60 dae van ontvangs van alle kommentaar. (D.w.s. 120 dae nadat EMPlan ingedien word).

MINUTES OF MEETINGS WITH LAND OWNERS

WEDNESDAY 6 MARCH 2013 AND THURSDAY 7 MARCH 2013

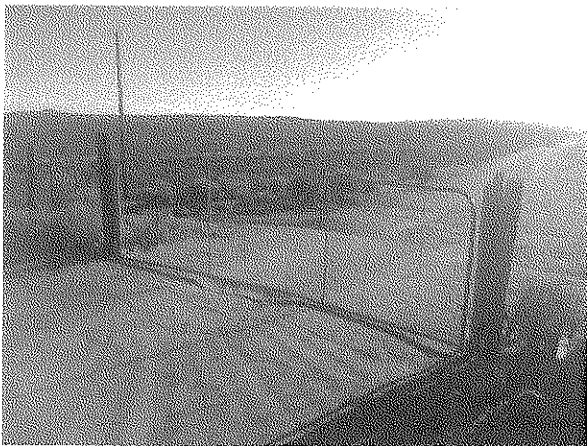
Despite a considerable number of phone calls to Willem Daniel Kotze and Abraham Jacobus Gagiano, it was impossible to make contact with them. As a result it was decided to attempt to drive to each of the properties and potential living quarters indicated on the land survey maps within the properties in order to reach land owners or lawful occupiers. In each case either a ruin or locked gate was encountered, as demonstrated by the photographs below.



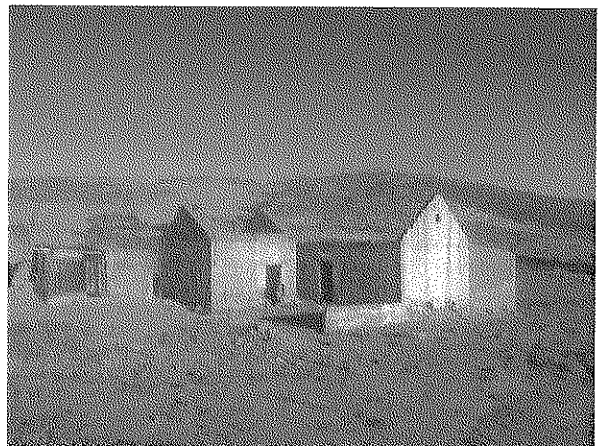
The ruin at Graaf se Puts



The locked gate leading to Kraaifontein



The locked gate at Platvlei



The ruin at Kourkam



The locked gate leading to Platvlei / Berseba

COMMENTS
RECEIVED

Kleinzee Heavy Minerals (Pty) Ltd
12th Floor
2 Long Street
Cape Town
8000

VIR AANDAG: Jarno Kruger

In antwoord op u skrywe soos ontvang op 09 Maart 2013 wil ek die volgende beswaar maak:

1. Daar was geen onderhandelings met die eienaar en/of vooraf kennisgewing rakende die aansoek om 'n prospekterpermit vir dele genoem gewees nie. Daar was nooit vooraf met my, die eienaar, in verbinding getree nie en ek dra dus geensins kennis van die feit dat daar enigsins in genoemde dele beland gestel is vir prospektering nie.
2. Die dele Kourkam 313 Remainder en Platvley 314 Remainder gelys op die korrespondensie soos ontvang op 09 Maart 2013 is glad nie deel van my grond nie.
3. Die dele Kameelboom Vley 338 Portion 1,2,3 en Taaibosch Vlakte 337 Portion 1,2 is deel van 'n baie sensitiewe sandveld area. Die area, bekend as die sandveld streek van Namakwaland, het 'n uiters sensitiewe ekosisteem en bevat plantegroei en diere spesies soos Haakkoppoue wat nêrens anders voorkom nie.
4. Die dele Kameelboom Vley 338 Portion 1,2,3 en Taaibosch Vlakte 337 Portion 1,2 is direk teenaan die Namakwa Nasionale Park geleë.
5. Die enigste toegangspaaie na dele Kameelboom Vley 338 Portion 1,2,3 en Taaibosch Vlakte 337 Portion 1,2 loop direk deur die Namakwa Nasionale Park. Toegang tot die dele word toegesluit en kan dus slegs verkry word deur vooraf korrespondensie en magtiging van eienaar.
6. Ek, die eienaar, dra **GEEN** kennis van die feit dat daar vooraf 'n **IMPAKSTUDIE** op die dele Kameelboom Vley 338 Portion 1,2,3 en Taaibosch Vlakte 337 Portion 1,2 gedoen is nie. Soos reeds genoem kan toegang slegs verkry word deur vooraf korrespondensie met die eienaar

aangesien toegang tot die dele toegesluit word. Ek, die einaar, dra geen kennis van sulke toegang nie. 'n Impakstudie sou die sensitiewe aard van die betrokke gebied ten toon gestel het.

Al bogenoemde in ag geneem teken ek daarom ten sterkste beswaar aan teen die aansoek en toekenning van hierdie permit. Die aansoeker se oningeligtheid rakende die ligging van genoemde dele is kommerwekkend. Die feit dat daar sonder die einaar se medewete vir 'n prospekterpermit aansoek gedoen word is skryende skending van menseregte. Wat die situasie nog vererger is die feit dat 2 van die genoemde dele (Kourkam 313 Remainder en Platvley 314 Remainder) in besit van 'n ander einaar is wat dus, in die proses van verkeerde ligging allokasie van die aansoeker, geensins hieroor in kennis gestel is nie. Die feit dat daar geen impakstudie gedoen is nie is onaanvaarbaar in ag geneem die sensitiewe gebied waarbinne gelysde dele geleë is.

Ek sal GEEN prosperkeer permit eerbiedig as daar nie vooraf met my onderhandel is nie.

Die uwe

A handwritten signature in black ink, appearing to be 'AJ Gagiano', written over a horizontal line.

AJ Gagiano

Craig Donald

From: William Whittaker <william@kawuleza.com>
Sent: 30 March 2013 06:52 PM
To: craig@siteplan.co.za
Subject: FW: AJ Gagiano Beswaar teen prospektering
Attachments: AJ Gagiano BESWAAR Kleinzee Heavy Minerals.pdf

Hi Craig

A bit of correspondence for inclusion into 10523PR. Attached is Mr. Gagiano's letter...

Hope you're having a good Easter weekend, thanks and all the best,

William

William Whittaker
Director
Kawuleza Connect (Pty) Ltd
Tel: 2721 402 0168
<http://www.kawuleza.com>



From: William Whittaker [<mailto:william@kawuleza.com>]
Sent: 30 March 2013 06:51 PM
To: 'Emcee@saplant.co.za'
Cc: Jarno Kruger (jarno@isitsaba.com)
Subject: RE: AJ Gagiano Beswaar teen prospektering

Beste Mnr. Gagiano

Ek is jammer vir die lang tyd ek gevat het om jy 'n brief terug te bestuur, en baie dankie vir die brief.

Ons het so baie probeer as wat ons kan om landeienaars te kry om te kom praat oor die heeltemaal begin van die prospektering aansoek proses. Ons weet jy gese het dat daar was geen onderhandelings met die eienaar was – die proses is dat aansoekers eers 'n aansoek doen voordat kontak met die landeienaar gemaak is, om die aansoeker te beskerm teen ander aansoekers wat miskien in die tussentyd 'n aansoek kan insit. Op die tyd dat ons 'n brief gekry het van die Department van Minerale dat ons aansoek ontvang was, het ons onmiddelik begin probeer mense te kry om fisies 'n vergadering te he.

Dankie dat jy vir ons gewys het dat Kourkam en Platvley nie deel van jy grond is nie – ons het gesien van die transportakte dat die eienaars die Plaaslike Oorgangsraad – Komaggas is. Dankie ook vir die informasie oor die sensitiewe sandveld area en ons ook weet dat die area direk teenaan die Namakwa Nationale Park is. Ons het alreeds met Bernard van Lente by die Park baie gepraat oor ander aansoeke wat ons ingesit het, en hy's tevrede met ander van ons aansoeke langs die park. Ons weet ook die proses met die paaie, want ons op die grond was om iemand te probeer kry wat van die landeienaars weet op die grond waar ons aansoek gedoen het. Dus is ons dankbaar dat jy die epos en brief gestuur het en dan kan ons jy kom ontmoet as jy wil.

Daar is seker nie 'n impakstudie op die grond gedoen nie, want dit die hele begin van die aansoek proses is – die eerste ding is om geïntereerde en geafekteerde partye te ontmoet, en wat volg is 'n omgewingsbestuurplan vir kommentaar van almal af.

Ons sien jou aangeleentheid vir die aansoek en proses, maar die proses is streng ingesit by die minerale wet wat spesifiek se dat 'n aansoeker eers 'n aansoek moet insit, en as dit ontvang is, dan moet die aansoeker landeienaars en ander geïntereerde en geafekteerde partye kontak. Ons het verder gegaan om aansoeke te probeer kry as ook 'n publieke opedag wat in die koerant verwys was.

Ons sien dat jy in Stellenbosch is – ons besigheid is uit Kaapstad – sal dit miskien werk om jy te kom ontmoet op 'n tyd dat vir jy gerieflik is? Wees asseblief tevrede dat ons probeer so ver as ons kan om 'n uitwerking te kry wat vir almal werk en ook binne in die proses van die wet is. Wees ook asseblief tevrede dat dit die hele begin van die proses is en ons wil almal se kommentaar he om saam met hulle te werk, spesifiek landeienaars.

Ek hoop hy oop sal wees vir 'n kort vergadering en dat ons ontmoeting jy 'n bietjie meer tevrede sal maak dat ons nie iets wil doen nie dat die land of enige mens sal beskadig nie.

Groete,

William Whittaker

From: Emcee Gagiano [<mailto:Emcee@saplant.co.za>]
Sent: 12 March 2013 08:08 AM
To: Jarno Kruger
Subject: AJ Gagiano Beswaar teen prospektering

Goeiemore mnr Kruger

Vind aangeheg die brief van beswaar teen die prospekter dokumente ontvang 09 04 2013.

AJ Gagiano
Emcee Gagiano

Tel: +27 21 887 6823
Fax: +27 21 883 3487
Fleurbaix, Van Reede Street
Private Bag X5023
Stellenbosch 7599 South Africa



PLANTVERBETERING OP SY BESTE
PLANT IMPROVEMENT AT ITS BEST

Proudly Level 6 B BBEE Contributor.

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William Whittaker

From: William Whittaker <william@kawuleza.com>
Sent: 28 February 2013 04:40 PM
To: 'Jarno Kruger'; 'Lwazi Goba'; bernard.vanlente@sanparks.org
Subject: RE: COMMENTS ON NCS30/5/1/1/2/10520PR, 10521PR, 10522PR

Dear Bernard

Thanks so much for your comments via Jarno. I'm not surprised that Kanoep 491 Portion 3 is being included into the park, and must admit it would be extremely difficult to mine such an area sensibly completely surrounded by the park! I shall certainly include your objection in the correspondence to the DMR, and practically we would probably abandon this application. Please can I check that our application doesn't stall your process of inclusion into the park, but in the meantime I'll chat to the DMR and Jasper will probably advise us to abandon this application.

With regards Kanoep 491 portion 5,9 and Annex Kanoep 490 portion 1 I understand you wanting to include them in the park, and looking at the map they are certainly of less interest to us than Langklip 489 remainder. Do you currently have applications in place to add these into the park, and if we had a prospecting right over these areas would that cause issues for them to be included into the park? My main reason for asking this is that if we get a prospecting right over the area, it's quite hard to exclude a particular area in the middle of the award period so it would be hard to amend in order for you to add these areas into the park. Clearly when they are added into the park we couldn't prospect any more.

I definitely don't want to hinder the process of expansion or consolidation of the national park, especially if it concerns areas of less interest to us. The only area that is of extreme interest to us but which already is in the park (unfortunately for us) is Kwass!

All the best,

William

From: Jarno Kruger [<mailto:jarno@isitsaba.com>]
Sent: 28 February 2013 01:31 PM
To: william@kawuleza.com; Lwazi Goba
Subject: FW: COMMENTS ON NCS30/5/1/1/2/10520PR, 10521PR, 10522PR

From: Bernard van Lente [<mailto:bernard.vanlente@sanparks.org>]
Sent: 28 February 2013 01:30 PM
To: Jarno Kruger
Subject: COMMENTS ON NCS30/5/1/1/2/10520PR, 10521PR, 10522PR



Dear Jarno

Please find my comments on the above prospecting right applications. As indicated, farms Kanoep 491/3; Annex Kanoep 491/1 and Kanoep 491/5,9 is earmarked for inclusion into the Namaqua National Park and this process has already started. These farms are almost completely surrounded by the existing National Park and we would strenuously object to any prospecting or mining on them.

The other farms are adjacent to the park and prospecting but more particularly mining could have a potential negative impact on the park, and as such we would must be registered as an affected party.

Kind regards

BERNARD VAN LENTE
PARK MANAGER: NAMAQUA NATIONAL PARK
PO BOX 117, KAMIESKROON, 8241
TEL: 027 672 1948
FAX: 027 672 1015
CELL: 083 640 4915
Bernard.vanlente@sanparks.org
www.SANParks.org

South African National Parks
643 Leyds Street, Muckleneuk, Pretoria, South Africa

Disclaimer: 1) Confidentiality: This email, sent from bernard.vanlente@sanparks.org to jarno@isitsaba.com on Thu Feb 28 13:35:40 2013, is confidential and may contain privileged or copyright information. You may not present this message to another party without consent from the sender if you are not jarno@isitsaba.com please notify bernard.vanlente@sanparks.org and delete this email, and you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited. 2) Liability: This email is not a binding agreement and does not conclude an agreement without the express confirmation by the sender's superior or a director of the Company. 3) Viruses: The Company does not certify that this email is free of viruses or defects. 4) Requested: The Company does not consent to its employees sending un-asked for emails which contravene the law. In the event that you feel this email is such, please notify the Company in order for the appropriate corrective action to be taken. 5) Advice: Any views or opinions presented in this email are solely those of the author and do not necessarily represent those of the company. Any actions taken on the basis of this email are at the reader's own risk. 6) Other: The sender of this email is expressly required not make any defamatory statements. Any such communication is contrary to company policy and outside the scope of the employment of the individual concerned. The company will not accept any liability in respect of such communication, and the employee responsible will be personally liable for any damages or other liability arising.

Results of Notice to and Consultation as required in terms of the Mineral and Petroleum Resources Development Act 28 of 2002.

Being a possibly affected party to the application for Prospecting Right NCS30/5/1/1/2/10523PR on the following portions of land in the Namaqualand Coastal area:

Kameelboom Vley 338 Portion 1,2,3 ✓	Kourkam 313 Remainder ✓
Platvley 314 Remainder	Taaibosch Vlakte 337 Portion 1,2 ✓

1. I have been informed that a Prospecting Right application has been lodged with the Department of Mineral Resources, Northern Cape by Kleinzee Heavy Minerals (Pty) Ltd, and
2. I have been supplied with a copy of the Background Information Document in respect of such project.

As such, I have no comment or objection to the application (Tick if applicable)

OR

I have the following comments / objections to make (use separate sheet if necessary):

THE PROPERTIES ARE ADJACENT TO THE
NAMAQUA NATIONAL PARK AND AS SUCH WE
ARE AN AFFECTED PARTY. FUTURE MINING COULD
POSSIBLY HAVE AN ^{NEGATIVE} IMPACT ON THE PARK

Signed: B. van Lente Date: 28/02/2013

My contact details are:

Full Name: BERNARD VAN LENTE Company (if applicable): SANPARKS

Tel: 027 672 1948 Fax: 027 672 1015 Email: bernard.vanlente@sanparks.org

Postal: PO BOX 117, KAMIESKROON, 8241

PLEASE COMPLETE and FAX to 086 550 7613 or EMAIL to jarno@isitsaba.com

* NO COMMENT / OBJECTION ON PLATVLEY 314 REMAINDER

William Whittaker

Subject: FW: RE: Prospecting right applications: Kleinzee Minerals & West Coast Mineral Sands

Subject: RE: Prospecting right applications: Kleinzee Minerals & West Coast Mineral Sands
From: William <william@basileuscapital.com>
To: anton.meyer@debeersgroup.com
CC:

Dear Anton

Thanks very much for your email I received via Jarno. You can most certainly send us comments after 6 March and then we can include them in our EMP submission. What I propose doing is including your email in our IAP submission tomorrow so that the DMR knows you should like also to comment.

Best regards and look forward to receiving your comments when you are able to provide them,

William Whittaker

From: Meyer, Anton [Anton.Meyer@debeersgroup.com]
Sent: Wednesday, March 06, 2013 2:40 PM
To: Jarno Kruger
Subject: Prospecting right applications: Kleinzee Minerals & West Coast Mineral Sands

Hi Jarno

I received the BID's of the above two applications on my desktop just now and would like to be registered as an I&AP.

Since I have not yet gone through the document, please let me know if I can submit comments after the 6th, once I am in a position to do so.

Many thanks,

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Annexure C:
Register of Interested and Affected Parties

Kleinsee Heavy Minerals			
Register of Interested and Affected Parties			
Landowners and Lawful Occupiers	Physical Address	Telephone	Contact Person
Organisation	Postal Address	Fax	Email
Plaaslike Oorgangsaad -Kornaggas	Private Bag 5018, Kimberley, 8300	(053) 839 7803	Ms. Gail Parker
Willem Daniel Kotze	Private Bag 49027, Cape Town, 8000		gparker@ncppg.gov.za
Abraham Jacobus Gagliano	Postbus 547, Springbok, 8240	(027) 672 1720	Willem Kotze Abraham Gagliano
Government Departments, Agencies and Institutions			
Organisation	Physical Address	Telephone	Contact Person
Department of Agriculture, Land Reform and Rural Development	Postal Address	Fax	Email
The National Department of Public Works	Private Bag X5120, Kimberley, 8300	(053) 831-2537	K Sofeleng
Nama Khoi Municipality	P O Box 17, Springbok, 8240	(053) 807-5700	Shadrack Montshlwagae
Provincial Heritage Resources Agency	1 Robb Street, Kimberley 8301	(027) 652-9000	Mr. OH Barnard
Land Claims Office, Northern Cape	P O Box 2458, Kimberley, 8300	(027) 712-8000	Mrs M Brandt
Kamiesberg Municipality	P O Box 38, Garies, 8220	(027) 718-1577	Mr. Ronald Newman
Namakwa District Municipality (The Acting Municipal Manager)	P O Box 5, van Riebeeck Street, Springbok, 8240	(012) 843-5000	Carnel Mbirvo
Conservation South Africa	P O Box 179, Springbok, 8240	(053) 807-7300	Ms. Dinco Maleko
The South African National Biodiversity Unit	Private Bag X101, Pretoria, 0001	(021) 657-6600	Dr Deon Nel
Northern Cape Department of Environment and Nature Conservation	Private Bag X6120, Kimberley, 8300	(021) 650-4400	Ms. Anthea Steinh
World Wildlife Fund	P O Box 23273, Claremont, 7735	(021) 851-1616	Naomi Kempff
Leslie Hill Plant Conservation Unit	Private Bag X3, Rondebosch, 7701	(027) 672-1948	Bernard van Lente
Enviro Africa	P O Box, 5367, Helderberg, 7135		
SANParks Namaqua National Park	P O Box 117, Kamieskroon, 8241		
Other Mineral Rights Holders			
Organisation	Physical Address	Telephone	Contact Person
Uku-Pharima Diamonds Corporation (Pty) Ltd	Postal Address	Fax	Email
De Beers Consolidated Mines Ltd	P.O. 781583, Sandton 2146		William McDonald
Trans Hex	Private Bag X1, Kleinsee 8282	(021) 937-2010	Mr Bertus Cilliers
	P O Box 723, Parow, 7499		Bertus@ranshex.co.za
Other Interested and Affected Parties			
Department of Environmental Affairs Northern Cape	Physical Address	Telephone	Contact Person
Kamiesberg	Postal Address	Fax	Email
Soebatfontein Advies	Private Bag X16, Springbok 8240	(027) 718-8600	Adelien Cloete
Social Development	P. O. Box 38, Soebatsfontein	(027) 672-1130	Elisabe Stewens
	Postbus 39, Soebatsfontein	(082) 567-6465	Ellick Steenkamp
	5 Dorp Street, Garies	(027) 652-1164	Sonia Brandt
	8 Genuis Street, Garies		adelienmarine@live.co.za
			elbowsteenle@gmail

Annexure D:
Example of Induction Environmental Training

PRELIMINARY ENVIRONMENTAL INDUCTION TRAINING

Heavy Mineral Prospect:

April 2013

A. INTRODUCTION

Environmental management is a team effort. All management and staff are responsible for avoiding environmental damage and ensuring good environmental management.

The keys to achieving this are:

- Being aware of the environment and the need to protect it
- Understanding and recognising the things to protect and the do's and don'ts
- Knowing the reporting procedure
- Taking pride in good environmental housekeeping

Legal Requirements

- Requirement of the MPRDA
 - to have an EMP (Environmental Management Plan)
(show the document, the approved EMP, to all staff in the induction and briefly note the items it covers)
- Additional laws
 - National Water Act – note that it doesn't apply in this case
 - use of water
 - discharge of sewage
 - control of surface water
 - quality of stormwater discharged from site
 - avoidance of groundwater by oils, sewage or other
 - prevention of impact on groundwater aquifers
 - National Environment Management Act which will be made to apply if you do not work according to the EMP. *If you don't work according to the EMP the prospect will be classified as non-conforming and may have issues if / when applying for mining right*

Targets:

- Understanding of what is contained in the EMP
- Buy in by staff of the need for environmental protection (especially as it pertains to site rehabilitation and staying away from vegetation in this case)
- Good results in Environmental Performance Assessment

Why do we need Environmental Management?

1. It is an integral part of normal good management (Good Housekeeping) on the prospect site together with
 - Safety
 - Efficiency (Productivity)
 - Planning (specific activities in specific areas)

2. The prospect is part of the larger environment and may have an impact in terms of:
 - Vegetation
 - Noise or dust
3. The NO GO areas must be respected:
 - No new roads – all natural veld is considered no go area for vehicles
 - They are important to preserve from botanical integrity point of view
4. Integration of the prospect with surrounding land uses / users requires that the following be limited through proper action by the staff:
 - Lack of successful rehabilitation
 - Noise / dust

5. **Who does the damage to the Environment?**

a) Management:

- (i) by not being fully informed themselves of the content of the EMP and other decisions/controls
- (ii) by not informing the staff of proper procedure and the environmental consequences of incorrect activities
- (iii) by not conducting regular monitoring
- (iv) by not developing their own personal sensitivity to environmental impact

b) Equipment Operators:

- (i) by driving equipment or moving items outside of roadways, movement areas.
- (ii) by dumping material in veld
- (iii) By not reacting and immediately reporting fuel or oil or hydraulic fluid leaks

c) General Staff:

- (i) Use of the veld as a toilet (NOT ALLOWED)
- (ii) Littering with lunch wrappings, bottles
- (iii) (Unlikely) Causing of fire or failure to report fire or threat of fire as soon as it is seen

6. **What the Staff should be aware of to look out for:**

- Allocated litter storage or dump areas
 - Don't dump anywhere else!!
 - If in doubt ask first!!
- No-go areas
 - Don't enter these areas and don't drive into them
- Recognise NO GO areas and
 - Don't disturb them
 - Don't drive into them
 - Don't use them as toilet areas
- Oil, fuel or hydraulic leaks
 - As soon as you see these, report them to the operator or the foreman/manager

- Report littering
- Recognise (know the difference between) domestic waste and industrial waste and use correct procedures for their disposal
- Know the refuelling and oil change procedure if you are involved in it to know how to avoid pollution
- Recognise the threat of fire
- Immediately report any threat of fire or fire if seen

7. **Fire Reporting Procedure and Oil, Fuel, Hydraulic Leaks**

If you see a fire starting or threat of fire in the veld take the following action (Highly unlikely):

- Make safe what you are doing at the time
- Leave your task and report the fire to the nearest supervisor / manager

8. **Other environmental incidents reporting procedure**

These include littering, unnecessary damage to vegetation, etc. Report these at end of shift or lunch time to supervisor / manager

9. **Penalties for Environmental Damage**

- Fines
- Conditions of employment contract