



## mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATIONS IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 AND THE NATIONAL ENVIRONMENTAL MANAGEMENT WASTE ACT, 2008 IN RESPECT OF LISTED ACTIVITIES THAT HAVE BEEN TRIGGERED BY APPLICATIONS IN TERMS OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (MPRDA) (AS AMENDED).

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### IMPORTANT NOTICE

#### Kindly note that:

1. As from 8 December 2014, this document serves as the application form, and incorporates the requisite documents that are to be submitted together with the application for the necessary environmental authorisations in terms of the said Acts.
2. This application form is applicable while the Mineral and Petroleum Resources Development Amendment Act of 2008 is in effect, as the form may require amendment should the Act be further amended.
3. Applicants are required to apply for the necessary water use licence and any other authorisations or authorisations to the relevant competent authorities as required by the relevant legislation. Upon acceptance of an application for a right or permit in terms of the MPRDA, applicants will be required to provide evidence to the Regional Manager that a water use licence has been applied for.
4. The Regional Manager will respond to the application and provide the reference and correspondence details of the Competent Authority, and in the event that the application for a right or permit is accepted, together with the date by which the relevant environmental reports must be submitted. Notwithstanding anything that may appear to be stated to the contrary in the acceptance letter, the timeframes are in fact aligned and the prescribed timeframes for the submission of documents as regulated by the NEMA regulations must be strictly adhered to.
5. The application must be typed within the spaces provided in the form. The sizes of the spaces are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
6. The failure to submit complete information as required in this application form may result in the refusal of the application for an environmental authorisation and consequently of the right or permit applied for.
7. This application must be submitted through the SAMRAD online application system of the Department of Mineral Resources under "Other documents to upload".
8. Unless protected by law, all information filled in on this application form will become public information on receipt by the competent authority. Any interested and affected party should and shall be provided with the information contained in this application on request, during any stage of the application process.
9. Please note that an application fee is payable in terms of the National Environmental Management Act and the National Waste Management Act, which fees must be paid upon lodgement of the application. Should the said application fees not be paid as prescribed the application for a right or permit in terms of the Mineral and Petroleum Resources Development Act cannot be considered to have been made in the prescribed manner and the said application for a right or permit will have to be rejected. In this regard the type of applications must be identified in the table below.

**PLEASE STATE TYPE OF AUTHORISATIONS BEING APPLIED FOR**

<b>APPLICATION TYPE</b>	<b>APPLICABLE FEE</b>	<b>Mark with an X where applicable</b>
NEMA S&EIR application on its own	R10 000.00	
NEMA BAR application on its own	R2 000.00	
NEMWA S&EIR application on its own	R10 000.00	
NEMWA BAR application on its own	R2 000.00	
NEMA S&EIR application combined with NEMWA S&EIR application	R15 000.00	X
NEMA BAR application combined with NEMWA BAR application	R3 000.00	
NEMA S&EIR application combined with NEMWA BAR application	R11 000.00	

**1. CONSULTATION BASIC ASSESSMENT AND/ OR SCOPING REPORT**

This application is for a Scoping Report and EIAr process for a Prospecting Right that is being amended. The public consultation process will meet the full set of requirements as set out in Chapter 6 of the National Environmental Management Act (No 107 of 1998) – Environmental Impact Assessment Regulations, 2014. The public participation process that will be undertaken for the project has been outlined in Section 6 of this application form.

**2. DETAILS OF THE APPLICANT**

Project applicant:	<b>Wepex Trading (Pty) Ltd</b>	
Registration no (if any):	<b>2015/230389/07</b>	
Trading name (if any):		
Responsible Person, (e.g. Director, CEO, etc.):	<b>Thabo Mafoko (Share Holder)</b>	
Contact person:	<b>Thabo Mafoko</b>	
Physical address:	<b>24 Nanyuki Road 27 Sunninghill Brooke Estates Sunninghill 2157</b>	
Postal address:	<b>Postnet Suit 246 Private Bag X43 Sunninghill 2157</b>	
Postal code:	<b>2157</b>	<b>2157</b>
Telephone:	<b>060 377 3891</b>	
E-mail:	<b>Thabo.mafoko887@yahoo.com</b>	

**3. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION**

EAP:	<b>ROELIEN OOSTHUIZEN</b>	
Professional affiliation/registration:	Registered as a professional at IAIAAsa (International Association for Impact Assessment South Africa)	
Contact Person, (if different from EAP):	ROELIEN OR WILLIE OOSTHUIZEN	
Company:	<b>WADALA MINING AND CONSULTING (PTY) LTD</b>	
Physical address:	<b>FARM OBERON, KIMBERLEY</b>	
Postal address:	<b>P.O. BOX 110823, HADISON PARK, KIMBERLEY</b>	
Postal code:	<b>8306</b>	Cell: <b>084 208 9088</b>
Telephone:	<b>053 832 0029 082 870 9973 084 208 9088</b>	Fax: <b>086 510 7120</b>
E-mail:	<b><a href="mailto:woosthuizen950@gmail.com">woosthuizen950@gmail.com</a> roosthuizen950@gmail.com</b>	

An independent EAP has been appointed as stipulated by the NEMA Regulations. Please refer to **Appendix 1** for the declaration of independence, CV and list of projects completed by the appointed EAP, indicating the experience with environmental impact assessments and relevant application processes.

#### 4. PROJECT DESCRIPTION

<b>Farm Name:</b>	Farm Name and No: Gloucester 674 Subdivision : Remaining Extent Magisterial District: Kuruman Province: Northern Cape Extent: 1 165.8 ha Title Deed No: T654/1966
<b>Application area (Ha)</b>	1165.8 ha (One thousand one hundred and sixty five comma eight hectares.)
<b>Magisterial district:</b>	Postmasburg
<b>Distance and direction from nearest town</b>	The farm is situated $\pm$ 28 km north of Postmasburg and $\pm$ 54.7 km south of Kathu along the R325 provincial road.
<b>21 digit Surveyor General Code for each farm portion</b>	C04100000006740000
<b>Locality map</b>	Attach a locality map at a <b>scale not smaller than 1:250000 and attach as Appendix 2</b>
<b>Description of the overall activity.</b> (Indicate Prospecting Right, Prospecting Permit, Prospecting right, Bulk Sampling, Production Right, Exploration Right, Reconnaissance permit, Technical co-operation permit, Additional listed activity)	Wepex Trading (Pty) Ltd is in the process of applying for a Prospecting Right with Bulk Sampling under a Section 102 application, for the prospecting of manganese and Iron ore on the Remaining Extent of Gloucester 674, Kuruman. They therefore seek to apply for an additional Environmental Authorisation for this area which will include the listed activities for a bulk sampling operation.

#### 5. ACTIVITIES TO BE AUTHORISED

An Environmental Authorization has been obtained for the same property (Appendix 3).

This environmental Authorization will make provision for bulk sampling which had not been included in the initial application and Environmental Authorization attached as Appendix 3.

This Environmental Authorization application involves more than one listed activity, which together make up one prospecting operation. Therefore please find attached a proposed site plan, drawn to a scale acceptable to the competent Authority, showing the location of all activities to be applied for, as Appendix 4. Bulk sample sites is not indicated as they are dependant on the results of the drilling.

<p>Name of activity (e.g. Excavations, blasting, stockpiles, discard dumps or dams, loading, hauling and transport, water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)</p>	<p>Aerial extent of the activity (Ha or m<sup>2</sup>)</p>	<p>Listed Activity (mark with an X where applicable or affected)</p>	<p>Applicable Listing Notice (GNR544, GNR545 or GNR546 / Not listed GNR983, GNR984, GNR985/ Not listed)</p>
<p>Activity 9: "The development of infrastructure exceeding 1000 metres in length for the bulk transportation of water or storm water- (vii) with an internal diameter of 0.36 metres or more; or (viii) with a peak throughput of 120 litres per second or more;</p>	<p>Water distribution Pipelines</p>	<p>X</p>	<p>NEMA: LN1 (GNR983)</p>
<p>Activity 12: "The development of— (i) canals exceeding 100 square metres in size; (ii) channels exceeding 100 square metres in size; (iii) bridges exceeding 100 square metres in size; (iv) dams, where the dam, including infrastructure and water surface area, exceeds 100 square metres in size; (v) weirs, where the weir, including infrastructure and water surface area, exceeds 100 square metres in size; (vi) bulk storm water outlet structures exceeding 100 square metres in size; (x) buildings exceeding 100 square metres in size; or (xii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs— (a) within a watercourse; (b) in front of a development setback; or <b>(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse"</b></p> <p>Regulation GN R704, published on 4 June 1999 in terms of the National Water Act (Use of water for mining and related activities)</p>	<p>Clean and dirty water system It is anticipated that the operation will establish storm water control berms and trenches to separate clean and dirty water on the prospecting site.</p>	<p>X</p>	<p>NEMA: LN1 (GNR983)</p>
<p>Activity 19: "The infilling or depositing of any material of more than 10 cubic metres into, or dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from-</p>	<p>50 cubic metres to be confirmed by geologist</p>	<p>X</p>	<p>NEMA: LN1 (GNR983)</p>

(i) a watercourse;			
Activity 20: The Wepex operation directly relates to prospecting of a mineral resource (manganese and iron ore) and requires a prospecting right.	<p>1 195.750 ha Although the total area will never be prospected and the footprint with the drilling and bulk sampling is calculated to be ±3 ha.</p> <p>Drilling minimum 30 surface drillholes – 6 months. Diamond drilling will consist of 30 holes of HQ and NQ core size to depths ranging from 50m to 100m below surface, thus producing a total of approximately 2000 meters</p> <p>A total of twenty (20) surface trenches/cuts are planned for this phase of prospecting. The trenches will assist in determining the location of the in-situ Mn/Fe deposits and will be sampled to determine the quantity and quality of the mineralisation found. Cuttings will be made into historical dumps to determine their composition. Both the trenches and cuttings are planned to be no more than 25m long, 20m wide and 5m deep.</p>	X	NEMA: LN1 (GNR983)
Activity 30: “Any process or activity identified in terms of section 53(1) of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004).”	Specialist studies will confirm		NEMA: LN1 (GNR983)
Activity 14: The development of facilities or infrastructure for the storage and handling of dangerous goods (fuel), where such storage	2 X 23 000l diesel tanks = 46 000l with capacity for storing of old oils	X	NEMA: LN2 (GNR984)

occurs in containers with a combined capacity of 80 cubic metres or more but not exceeding 500 cubic meters.	and new oils to be calculated		
Activity 27: The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for— (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan.	5ha		NEMA: LN1 (GNR983)
Activity 19: The Wepex operation directly relates to prospecting of a mineral resource (manganese and iron ore) and requires permission in terms of Section 20 (MPRDA), for the removal and disposal of bulk samples of any minerals.	1195.750 ha. Although the total area will never be prospected and the footprint with the bulk sampling is calculated to be ± 3 ha.	X	NEMA: LN2 (GNR 984)
Activity 21: The Wepex operation directly relates to activities associated with the primary processing of a mineral resource.	±0.4	X	NEMA: LN2 (GNR 984)
Activity 27(iv): “The development of — (iv) a road catering for more than one lane of traffic in both directions;” Roads (both access and haulage road on the mine site):	7.5ha	X	NEMA: LN2 (GNR 984)
Activity 2: A reservoir with a capacity of more than 250 m3 for bulk water supply.	To be confirmed	X	NEMA: LN3 (GNR985)
Activity 4: The development of access roads 6 m in width with no reserve. Roads (both access and haulage road on the mine site): Although it is recommended that the operation utilize existing roads as far as possible, it is anticipated that the mining operation will create an additional 5 km of roads, with a width of 6 meter.	3ha	X	NEMA: LN3 (GNR985)
Activity 15: The establishment of residue deposits resulting from activities which require a prospecting right.	0.3ha		NEMWA: Category A (GNR 633)
Pipelines for the bulk transportation of water with a diameter of < 0.36 m and a peak throughput of < 120 L /s.	To be confirmed		

Office complexes Temporary workshop facilities Storage facilities Concrete bund walls and diesel depots Ablution facilities Topsoil stockpiles Overburden stockpiles Water tanks	± 200 m2 ± 300 m2 ± 2 000 m2 ± 250 m2 ± 30 m2 ± 500 m2 5 000 m2 3m x 3m = 9m <sup>2</sup> each		Not Listed
Waste disposal site (domestic and industrial waste): It is anticipated that the operation will establish a dedicated, fenced waste disposal site with a concrete floor and bund wall. The following types of waste will be disposed of in this area: <ul style="list-style-type: none"> <li>• Small amounts of low level hazardous waste in suitable receptacles.</li> <li>• Domestic waste.</li> <li>• Industrial waste.</li> </ul>	15m x 30m = 450m <sup>2</sup> per site		Not Listed

## 6. PUBLIC PARTICIPATION

(Provide details of the public participation process proposed for the application as required by Regulation).

### Details of the Public Participation process to be followed.

#### 6.1.1 IDENTIFICATION OF INTERESTED AND AFFECTED PARTIES TO BE CONSULTED

IDENTIFICATION CRITERIA	Mark with an X where applicable	
	YES	NO
Will the landowner be specifically consulted?	X	
Will the lawful occupier on the property other than the Landowner be consulted?	X	
Will a tribal authority or host community that may be affected be consulted?	X	
Will recipients of land claims in respect of the area be consulted?	X	
Will the landowners or lawful occupiers of neighbouring properties be identified?	X	
Will the local municipality be consulted?	X	
Will the Authority responsible for power lines within 100 metres of the area be consulted?	X	
Will Authorities responsible for public roads or railway lines within 100 metres of the area applied for be consulted?	X	
Will Authorities responsible for any other infrastructure within 100 metres of the area applied for be consulted? (Specify)	X Road Railway powerlines	
Will the Provincial Department responsible for the environment be consulted?	X	
Will all the parties identified above be provided with a description of the proposed prospecting/prospecting operation as referred above?	X	
Other, Specify		

#### 6.1.2 DETAILS OF THE ENGAGEMENT PROCESS TO BE FOLLOWED

Steps to be taken to notify interested and affected parties	PROVIDE DESCRIPTION HERE
(Describe the process to be undertaken to consult interested and affected parties including public meetings and one on one consultations. NB the affected parties must be specifically consulted regardless of whether or not they attended public meetings. Photographs of notice boards, and copies of advertisements and notices notifying potentially interested and affected parties of the proposed application must be attached as <b>Appendix</b> )	The landowner and the neighbours will be informed personally and consulted by the applicant and this will be confirmed in writing. A consultation letter will be sent to the farm owners. An advert will be published in the local newspaper for comments and a public meeting will be held.
<b>Information to be provided to Interested and Affected Parties</b>	<p><b>Compulsory</b></p> <ul style="list-style-type: none"> <li>The site plan.</li> <li>List of activities to be authorised.</li> <li>Scale and extent of activities to be authorised.</li> <li>Typical impacts of activities to be authorised (e.g. surface disturbance, dust, noise, drainage, fly rock etc.).</li> <li>The duration of the activity.</li> <li>Sufficient detail of the intended operation to enable them to assess what impact the activities will have on them or on the use of their land).</li> </ul> <p><b>Other, specify:</b></p>
<b>Information to be required from Interested and Affected Parties</b>	<p><b>Compulsory</b></p> <ul style="list-style-type: none"> <li>To provide information on how they consider that the proposed activities will impact on them or their socio-economic conditions.</li> <li>To provide written responses stating their suggestions to mitigate the anticipated impacts of each activity.</li> <li>To provide information on current land uses and their location within the area under consideration.</li> </ul>



	<ul style="list-style-type: none"> <li>• To provide information on the location of environmental features on site to make proposals as to how and to what standard the impacts on site can be remedied requested to make written proposals.</li> <li>• To mitigate the potential impacts on their socio economic conditions to make proposals as to how the potential impacts on their infrastructure can be managed, avoided or remedied.</li> </ul>
	<b>Other, specify</b>

## 7. DESCRIPTION OF THE ASSESSMENT PROCESS TO BE UNDERTAKEN

ITEM	DESCRIPTION
<p><b>Environmental attributes</b> Describe how the environmental attributes associated with the development footprint will be determined.</p>	<p>The landowner and the neighbours will be informed personally and consulted by the applicant and this will be confirmed in writing.</p> <p>Notice boards/ Site notices and newspaper adverts will be distributed and displayed as stipulated in regulations. All interested and affected parties will receive an information brochure on the application and how they can be registered. Information brochures will also be made available at public places for the public to be involved.</p>
<p><b>Identification of impacts and risks</b> Describe the process that will be used to identify impacts and risks.</p>	<p>The process used to identify and assess risks for the project are as follows: For each potential impact, the duration (time scale), extent (spatial scale), irreplaceable loss of resources, reversibility of the potential impacts, magnitude of negative or positive impacts, and the probability of occurrence of potential impacts must be assessed. The assessment of the above criteria will be used to determine the significance of each impact, with and without the implementation of the proposed mitigation measures.</p>
<p><b>Consideration of alternatives</b> Describe how alternatives, and in particular the alternatives to the proposed site layout and possible alternative methods or technology to be applied will be determined.</p>	<p>The only other alternative would be not to apply for the manganese and iron on a Prospecting Right application. This new application will also make use of the current infrastructure in the area for processing purposes. so there is no need to establish this again.</p> <p><b>CONSEQUENCE IF NOT PROCEEDING WITH THE OPERATION</b> The operation will makes provision for 31 job opportunities. This will be lost if the project does not proceed. Substantial tax benefits to the state and local government will also be lost.</p>
<p><b>Process to assess and rank impacts</b> Describe the process to be undertaken to identify, assess and rank the impacts and risks each individual activity.</p>	<p>For each potential impact, the duration (time scale), extent (spatial scale), irreplaceable loss of resources, reversibility of the potential impacts, magnitude of negative or positive impacts, and the probability of occurrence of potential impacts must be assessed. The assessment of the above criteria will be used to determine the significance of each impact, with and without the implementation of the proposed mitigation measures</p>
<p><b>Contribution of specialist reports</b> Describe how specialist reports, if required, will be taken into consideration and inform the impact</p>	<p>Should there be a need for specialist studies their reports will be taken into consideration and findings disclosed to all</p>

identification, assessment and remediation process.	interested and affected parties. As this area is already disturbed (prospecting around the area) there are not foreseen findings from specialists.
<b>Determination of impact management objectives and outcomes</b> Describe how impact management objectives will be determined for each activity to address the potential impact at source, and how the impact management outcomes will be aligned with standards	Based on the assessment and where applicable the recommendations from specialist reports, the recording of proposed impact management objectives, and the impact management outcomes for the development for inclusion in the EMPr as well as for inclusion as conditions of authorisation.

## 8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	Mark with an X where applicable			
	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
<b>SEMA's</b>				
National Environmental Management: Air Quality Act		X		
National Environmental Management: Biodiversity Act		X		
National Environmental Management: Integrated Coastal Management Act		X		
National Environmental Management: Protected Areas Act				
National Environmental Management: Waste Act		X		
<b>National Legislation</b>				
Mineral Petroleum Development Resources Act	X		X	
National Water Act		X		
National Heritage Resources Act		X		
Others: Please specify				

Please provide proof of submission of applications in **Appendix 5**.

In the event that an authorisation in terms of the National Environmental Waste Management Act is required for any of the activities applied for please state so clearly in order for such an authorisation to be considered as part of this application.

## 9. DRAFT EMPr

For consultation purposes, provide a high level approach to the management of the potential environmental impacts of each of the activities applied for.

ACTIVITIES	PHASE (of operation in which activity will take place)	1165.8 ha	TYPICAL MITIGATION MEASURES	COMPLIANCE WITH STANDARDS
(E.g. for prospecting – drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route, etc. ... etc. ... etc. E.g. for prospecting – excavations, blasing, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc. ... etc. ... etc.)	State: Planning and design, Pre-Construction, Operational, Rehabilitation, Closure, Post closure		(e.g. storm water control, dust control, noise control, access control, rehabilitation, etc. ... etc.)	(A description of how each of the recommendations herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities)
Data Collection	Planning	1165.8 ha	<input type="checkbox"/> Reliable data sources to be	<input type="checkbox"/> Signed declarations

			used <input type="checkbox"/> Safety precautions at mine	<input type="checkbox"/> Mine Health and Safety Act 1996
Site access	Destruction of flora	30 000m <sup>2</sup>	<input type="checkbox"/> Ensure site access routes are adhered to. <input type="checkbox"/> Signage to be displayed <input type="checkbox"/> Remove vegetation before prospecting commences.	<input type="checkbox"/> Adherence to applicable legislation. <input type="checkbox"/> No unnecessary loss of flora.
Site access	Soil compaction from use of access roads	30 000m <sup>2</sup>	<input type="checkbox"/> Soil management programme	<input type="checkbox"/> No unnecessary loss of soil <input type="checkbox"/> NEMA, Biodiversity Act
Site access	Vehicle traffic noise pollution	30 000m <sup>2</sup>	<input type="checkbox"/> Limit activities to normal working hours. <input type="checkbox"/> Servicing of machines and vehicles as necessary. <input type="checkbox"/> Stick to speed limits: 40km	<input type="checkbox"/> Avoid loud unnecessary noise impacts <input type="checkbox"/> No complaints from neighbours <input type="checkbox"/> Adhere to noise limits as stated in Health and Safety Act 1993 and Air Quality Act 2004: Dust Regulations
Site establishment (prospecting area)	Destruction of flora	5 ha that will be removed that constitute the drillholes and bulk sampling	<input type="checkbox"/> Only remove what is necessary. <input type="checkbox"/> Demarcation of no-go areas <input type="checkbox"/> Awareness training	<input type="checkbox"/> End use objective to be kept in mind while removing vegetation. <input type="checkbox"/> Adherence to the Biodiversity Act 2004.
Site establishment (prospecting area)	Surface disturbance (topsoil removal)	5ha that will be removed for drill holes on area and bulk sampling	<input type="checkbox"/> Remove topsoil 100-150mm <input type="checkbox"/> Stockpile in designated area <input type="checkbox"/> Ensure no invasive species establish	<input type="checkbox"/> Visual inspection on topsoil (invasive species) <input type="checkbox"/> No wastage of valuable resource. <input type="checkbox"/> Adherence to Alien Invasive Species Regulations 2014.
Site establishment (Prospecting area)	Dust emission from clearing soil	The plant will be constructed access the areas for 3ha of disturbance of drill holes on area and bulk sampling	<input type="checkbox"/> Dust suppression to be undertaken when deemed necessary. <input type="checkbox"/> Dust sampling: Personal exposure and dust buckets	<input type="checkbox"/> Avoid dust pollution and complaints from public. <input type="checkbox"/> Remain within the Air Quality Act, 2004 Dust regulations

Prospecting activities	Surface disturbance	5ha that will be removed and plant that will be constructed on area	<input type="checkbox"/> Stick with prospecting layout plan, site layout. <input type="checkbox"/> Monitoring on prospecting areas weekly	<input type="checkbox"/> No prospecting over allowed boundaries <input type="checkbox"/> Inspection sheet to be completed on prospecting areas <input type="checkbox"/> Adherence to MPRDA and authorisation
Prospecting activities	Potential hydrocarbon spills from machinery and equipment	5 ha that will be removed and plant that will be constructed on area	<input type="checkbox"/> Spills kits and preventative measures to be in place at all times at the mine. <input type="checkbox"/> Proper servicing of equipment and machinery. <input type="checkbox"/> Training and awareness	<input type="checkbox"/> No hydrocarbon spills evident. <input type="checkbox"/> Pollution avoidance <input type="checkbox"/> Training programme
Prospecting activities	Dust from prospecting activities	5 ha that will be removed	<input type="checkbox"/> Dust suppression to be undertaken. <input type="checkbox"/> Dust monitoring	<input type="checkbox"/> Dust agent used from an approved source <input type="checkbox"/> Remain within the Air Quality Act, 2004 Dust regulations
Prospecting activities	Possible Change in drainage patterns	5 ha that will be removed on area	<input type="checkbox"/> Erosion Management Plan <input type="checkbox"/> Weekly visual inspections	<input type="checkbox"/> No visible erosion
Prospecting activities	Aesthetics Value	5 ha that will be removed on area	<input type="checkbox"/> Screen off prospecting activities where necessary	<input type="checkbox"/> No complaints received from public

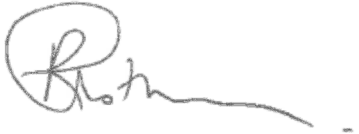
## 10. CLOSURE PLAN

<b>In the space provided under each heading below, please provide a high level description of the plan for closure and the information that will be provided in the draft EMPr accompanying draft basic assessment report or environmental impact reports going forward.</b>	
<b>Baseline environment</b> Describe how the baseline environment will be determined with the input of interested and affected parties and due cognizance of the current land uses and or existing biophysical environment.	The baseline environment will be determined by site visit, specialist studies (if necessary) and a desktop study. Information will also be obtained should there be any concerns from local communities/ landowners.
<b>Closure objectives</b> Describe the closure objectives and the extent to which they will be aligned to the baseline environment	<ul style="list-style-type: none"> <li>➤ The main closure objective of the applicant is to leave the farm in the same state as it was received in.</li> <li>➤ To prevent the sterilization of any ore reserves.</li> <li>➤ To prevent the establishment of any permanent structures or features.</li> <li>➤ The mine also has the objective to establish a stable and self-</li> </ul>

	<p>sustainable vegetation cover if necessary.</p> <ul style="list-style-type: none"> <li>➤ To limit and rehabilitate any erosion features and prevent any permanent impact to the soil capability of the mine.</li> <li>➤ To limit and manage the visual impact of the mine.</li> <li>➤ To safeguard the safety and health of humans and animals on the mine.</li> <li>➤ The last closure objective is that the mine is closed efficiently, cost effectively and in accordance with government policy.</li> </ul>
<p><b>Rehabilitation Plan</b> Describe the scale and aerial extent of the prospecting or prospecting listed activities to be authorised, including the anticipated prospecting or prospecting area at the time of closure, and confirm that a site rehabilitation plan drawn to a suitable scale will be provided in the draft EMPr to be submitted together with the draft EIR or Basic Assessment Report as the case may be.</p>	<ul style="list-style-type: none"> <li>➤ Infrastructure Areas: On completion of the prospecting operation, the various surfaces, including the access roads, the office area, storage area, will finally be rehabilitated as follows:- All remaining material on the surface will be removed to the original topsoil level. This material will then be backfilled into the depressions. Any compacted area will then be ripped to a depth of 300mm, where possible, the topsoil or growth medium returned and landscaped.</li> </ul> <p>All infrastructures, equipment, screening plant, and other items used during the operational period will be removed from the site.</p> <p>On completion of operations, all buildings, structures or objects on the office site will be dealt with in accordance with Regulation 44 of the Minerals and Petroleum Resources Development Act, 2002, which states:-</p> <p><i>Regulation 44</i></p> <ol style="list-style-type: none"> <li>1. <i>When a prospecting right, prospecting right, retention permit or prospecting permit lapses, is cancelled or is abandoned or when any prospecting or prospecting operation comes to an end, the holder of such right or permit may not demolish or remove any building, structure or object –</i> <ol style="list-style-type: none"> <li>(a) <i>which may not be demolished or removed in terms of any other law;</i></li> <li>(b) <i>which has been identified in writing by the Minister for purposes of this section; or</i></li> <li>(c) <i>which is to be retained in terms of an agreement between the holder and the owner or occupier of the land, which agreement has been approved by the Minister in writing.</i></li> </ol> </li> <li>2. <i>The provision of subsection (1) does not apply to bona fide prospecting equipment, which may be removed.</i></li> </ol> <p>Topsoil and Stockpile Deposits: Disposal facilities Waste material of all description inclusive of receptacles, scrap, rubble and tyres will be removed entirely from the prospecting area and disposed of at a recognised landfill facility. It will not be permitted to be buried or burned on the site.</p> <p>Ongoing seepage, control of rain water No monitoring of ground or surface water will take place, except if so requested by the DWS – Kimberley.</p> <p>Long term stability and safety It will be the objective of mine management to ensure the long term stability of all rehabilitated areas including the backfilled depressions. This will be done by the monitoring of all areas until a closure certificated has been issued.</p> <p>Final rehabilitation in respect of erosion and dust control Self-sustaining vegetation will result in the control of erosion and</p>

	<p>dust and no further rehabilitation is planned.</p> <p><b>Rehabilitation of drill holes</b>  <b>Due to drilling of 30 holes, holes could be created that can be classified as dangerous.</b> All available material will be used during backfilling to avoid the existence of dangerous holes.</p> <p>Final rehabilitation roads  After rehabilitation has been completed, all roads will be ripped or ploughed, fertilized and seeded, providing the landowner does not want them to remain that way and with written approval from the Director Mineral Development of the Department of Mineral Resources.</p> <p>Submission of information  Reports on rehabilitation and monitoring will be submitted annually to the Department of Mineral Resources – Kimberley, as described in Regulation 55.</p> <p>Maintenance (Aftercare)  Maintenance after closure will mainly concern the regular inspection and monitoring and/or completion of the re-vegetation programme.</p> <p>The aim of this Environmental Management Plan is for rehabilitation to be stable and self-sufficient, so that the least possible aftercare is required.</p> <p>The aim with the closure of the mine will be to create an acceptable post-mine environment and land-use. Therefore all agreed commitments will be implemented by Mine Management.</p> <p>➤ After-effects following closure:</p> <p>Acid mine drainage  No potential for bad quality leach ate or acid mine drainage development exist after mine closure (in this case all Kimberlitic material will be removed).</p> <p>Long term impact on ground water  No after effect on the groundwater yield or quality is expected.</p> <p>Long-term stability of rehabilitated land  One of the main aims of any rehabilitated ground will be to obtain a self-sustaining and stable end result. Cleaning of all drill bits material concurrently and replacing of topsoil where available.</p>
<p><b>Rehabilitation Cost</b>  Describe how the rehabilitation cost will be determined and provide a preliminary estimated thereof.</p>	<p>The quantum for rehabilitation guarantee will be determined by the area of disturbance, calculated in terms of the Calculation of the Quantum table.</p> <p>A guarantee of R1 000 000.</p>
<p><b>Decommissioning</b>  Considering that rehabilitation must take place upon cessation of an activity, describe when each of activities applied for will be rehabilitated in terms of either the cessation of the individual activity or the cessation of the overall prospecting or prospecting activity.</p>	<p>The last phase of the proposed prospecting operation, namely the decommissioning- and closure phase, will consist mainly of the following activities:</p> <ul style="list-style-type: none"> <li>•The removal of waste material of any description from the prospecting area and the disposal thereof at a recognised landfill facility.</li> <li>•The removal of infrastructure, equipment, plant and other items from the site;</li> </ul>

	<ul style="list-style-type: none"><li>•The ripping of compacted areas to a level of 300 mm and the levelling of such areas in order to re-establish a growth medium for plants (such areas will furthermore be seeded with a vegetation seed mix adapted to reflect the local indigenous flora that was present prior to the prospecting operation, if the re-establishment of vegetation is unacceptably slow.</li></ul>
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Signature of the applicant/Signature on behalf of the applicant:

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Name of company (if applicable):

4 September 2017 \_\_\_\_\_  
Date:

**APPENDIX 1  
DECLARATION OF THE EAP**

I, **RH Oosthuizen**, declare that –

General declaration:

- I act as the independent environmental practitioner in this application;
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing – any decision to be taken with respect to the application by the competent authority; and – the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not;
- All the particulars furnished by me in this form are true and correct;
- Will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 71 of the Regulations and is punishable in terms of section 24F of the Act.

**Disclosure of Vested Interest (delete whichever is not applicable)**

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;



RH OOSTHUIZEN  
WADALA MINING AND CONSULTING  
DATE: 4 September 2017



## APPENDIX 1 CONTINUE

# CURRICULUM VITAE – RH OOSTHUIZEN

## PERSONAL DETAILS

**FULL NAMES AND SURNAME** : **Roelina Henriëtte Oosthuizen**

**DATE OF BIRTH** : 18 April 1970

**I.D. NO** : 700418 0037 08 2

**MARITAL STATUS** : Married

**CITIZENSHIP** : **Republic of** South Africa

**RESIDENTIAL ADDRESS** : Farm Oberon  
Kimberley

**POSTAL ADDRESS** : P.O. Box 110823  
Hadisonpark  
Kimberley  
8306

**E-MAIL ADDRESS** : roosthuizen950@gmail .com

**CEL NO** : 084 208 9088

**DRIVER'S LICENCE** : EB

**LANGUAGES** : Afrikaans (home language)  
English

## QUALIFICATIONS

**2000**                      **UNIVERSITY OF THE ORANGE FREE STATE**  
  
                                 **Qualification: Master in Environmental Management.**

**1991**                      **NORTH WEST UNIVERSITY**  
  
                                 **Qualification: B – Comm: Industrial psychology.**

**1988**                      **BRITS HIGH SCHOOL (BRITS)**  
  
                                 **Qualification: Matric**

## COURSES and Conferences ATTENDED

I have attended various prospecting and environmental conferences and seminars to stay abreast with the latest changes in legislation, legal compliance and policy positions in the sector.

<b>August 1994</b>	Junior Managers (Public Service Training Institute)
<b>November 1994</b>	Mineral Laws Administration (Public Service Training Institute)
<b>October 1997</b>	Mineral Laws Administration & Environmental Management (University of Pretoria)
<b>July 2002</b>	Project Management for Environmental Systems (University of the Orange Free State)
<b>August 2004</b>	Environmental and Sustainability in Prospecting Minerals and Energy Education and Training Institute (MEETI)
<b>September 2005</b>	Converting Old Order Rights to New Order Rights in Prospecting (International Quality & Productivity Centre Johannesburg)
<b>November 2006</b>	Mine waste disposal and Achievement of Mine Closure
<b>February 2007</b>	Introduction to ArcGis 1
<b>April 2010</b>	Prospecting Law Update Conference (IIR BV South Africa)
<b>November 2010</b>	Social Labour Plans for Prospecting Workshop (Melrose Training)
<b>August 2011</b>	Mineral Resources Compliance and Reporting (ITC)
<b>May 2012</b>	Enviro Prospecting Conference 2012 (Sustainability and Rehabilitation) (Spectacular Training Conferences)
<b>August 2012</b>	Mineral Resources Compliance and Reporting 4 <sup>th</sup> Annual (ITC)
March 2013	1st EnviroProspecting-Ensuring Environmental Compliance and reporting
March 2014	4 <sup>th</sup> Annual EnviroProspecting Conference
March 2015	5 <sup>th</sup> Annual EnviroProspecting Conference

## **CAREER HISTORY**

### ***Wadala Mining and Consulting (Pty) Ltd:***

**ADDRESS** : **Farm Oberon**  
Kimberley  
8301

**PERIOD OF EMPLOYMENT** : 01 August 2013 - Part time

**POSITION HELD** : **Mineral Law Administration and Environmental  
Manager**

### ***Diacor Closed Corporation:***

**ADDRESS** : **6 Mullin Street**  
Hadisonpark  
Kimberley  
8306

**PERIOD OF EMPLOYMENT** : 01 October 2013 – Present and part time consultancy  
work

**POSITION HELD** : **Mineral Law Administration and Environmental  
Manager**

### ***Mentor Trading and Investments 52 (Pty) Ltd:***

**ADDRESS** : 2 Kekewich Drive  
Monridge Office Park no 6  
Monument Heights  
Kimberley  
8301

**PERIOD OF EMPLOYMENT** : 01 October 2012 – 01 October 2013

**POSITION HELD** : **Mineral Law Administration and Environmental  
Manager**

### ***Rockwell Diamonds Inc:***

**ADDRESS** : PO Box 251  
BARKLY-WES  
8375

**PERIOD OF EMPLOYMENT** : 01 March 2005 – 30 September 2012

**POSITION HELD** **Mineral Law Administration and Environmental Manager**

**MAIN JOB FUNCTIONS**

- Collect analyse and interpret information regarding the measurement of impacts of prospecting operations on the environment, the rehabilitation of land surfaces.
- The prevention, control and combating of pollution.
- Co-ordinate, investigate, audit and resolve environmental problems in conjunction with the Department of Water and Sanitation, Department of Agriculture and the provincial Department of Tourism, Environment and Conservation.
- Address complaints and inquiries received from the public and prospecting industry.
- Consult with relevant authorities and interested and affected people regarding the approval of Environmental Management Programmes.
- Ensuring that rehabilitation standards are applied.
- Ensuring that the requirements stated in Environmental Management Programme Reports are adhered to.
- Evaluate Prospecting Rights and Prospecting Right applications and recommend site-specific conditions according to legislative requirements.
- Constant liaison with the public, the prospecting industry and other government authorities on Environmental matters, legislation and agreements.
- Calculate and verify financial provision for outstanding rehabilitation.

***DEPT OF MINERALS & ENERGY:***

**ADDRESS** : 43 Chapel Street  
Standard Bank Building  
KIMBERLEY

**PERIOD OF EMPLOYMENT** : 01 April 1997 to 01 March 2005

**POSITION HELD** **Senior Environmentalist - Assistant Director Environment**

**MAIN JOB FUNCTIONS**

- :
- Collect analyse and interpret information regarding the measurement of impacts of prospecting operations on the environment, the rehabilitation of land surfaces.
  - The prevention, control and combating of pollution.
  - Co-ordinate and prioritise the rehabilitation of derelict and ownerless mines.

- Co-ordinate, investigate, audit and resolve environmental problems in conjunction with the Department of Water Affairs and Forestry, Department of Agriculture and the provincial Department of Tourism, Environment and Conservation.
- Address complaints and inquiries received from the public and prospecting industry.
- Consult with relevant authorities and interested and affected people regarding the approval of Environmental Management Programmes.
- Ensuring that rehabilitation standards are applied.
- Ensuring that the requirements stated in Environmental Management Programme Reports are adhered to.
- Conduct inspections and recommendations on mines that apply for closure.
- Evaluate prospecting licences and prospecting applications and recommend site-specific conditions according to legislative requirements.
- Constant liaison with the public, the prospecting industry and other government authorities on environmental matters, legislation and agreements.
- Influence new development processes through participation in the EMPR and EIA processes and give guidance through education and awareness programmes.
- Calculate and verify financial provision for outstanding rehabilitation.

### ***DEPT. OF MINERALS AND ENERGY:***

**POSITION HELD** : Assistant Mineral Laws Officer – Senior Mineral Laws Officer

**PERIOD OF EMPLOYMENT** : 01 November 1993 – March 1997

### ***ADVISORY COMMISSION ON LAND ALLOCATION***

**POSITION HELD** : Assistant Administrative Officer

**PERIOD OF EMPLOYMENT** : 10 February 1992 – October 1993

**Experience Projects Completed**

I am a dedicated professional Mineral Law Administration and Environmental Manager with 23 years extensive experience in the managing and mitigating of specifically prospecting related impacts. I started my career in 1993 in the Department of Minerals and Energy where I have done Environmental inspections with site visits on all mines in the Northern Cape. I have done Environmental Audits on operational and closed prospecting sites in collaboration with other Departments. I have also specifically looked at pollution control measures on prospecting sites and the effectiveness of these measures. I have evaluated submitted EIA /EMP documents and have worked closely with all other Departments and stakeholders to make sure that all environmental aspects have been dealt with adequately in submitted documents. I left the Department for the Private Sector in 2005. I have since worked for a Canadian Group of Companies in the Private Sector, started a consultancy where I provide various prospecting companies with professional advice and guidance on Mineral Law and Environmental Issues. I have also represented the South African Diamond Producers Organisation (SADPO) on the Environmental Policy Committee (EPC) at the Chamber of Mines between 2005 and 2011.

## **2005**

**Environmental Management Plan with an application for a Prospecting Right for diamonds on Portion 9 and 14 of the farm Lanyon Vale 376, Hay in terms of Section 16(4) and Regulation 52 of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002)**

**EMPlan was approved in August 2007 with the Prospecting Right**

**Client: HC van Wyk Diamonds Ltd**

**Environmental Management Plan with an application for a Prospecting Right for diamonds on Remainder of Portion 18 (a portion of Portion 10) of the farm Lanyon Vale 376, Hay in terms of Section 16(4) and Regulation 52 of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002)**

**EMPlan was approved in August 2007 with the Prospecting Right**

**Client: HC van Wyk Diamonds Ltd**

**Environmental Management Plan with an application for a Prospecting Right for diamonds on Remainder of Portion 1, Portion 2 (a Portion of Portion 1), Portion 3 and Portion 5 of the farm Zweet Fontein nr 76 and Remainder of Portion 1 and portion 3 of the farm Blaaubosch Drift nr 78, Herbert in terms of Section 16(4) and Regulation 52 of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002)**

**EMPlan was approved in August 2007 with the Prospecting Right**

**Client: HC van Wyk Diamonds Ltd**

## **2006**

**Environmental Management Plan with an application for a Prospecting Right for Tin in Kakamas South Settlement, Kakamas in terms of Section 16(4) and Regulation 52 of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002)**

**EMPlan was approved in June 2011 with the Prospecting Right**

**Client: Douglas Prospecting and Exploration (Pty) Ltd**

## **2007**

**Environmental Management Plan with an application for a Prospecting Right for diamonds on the Remaining Extent, Portion 1 and Portion 2 of Diamond Valley 29, Hopetown in terms of Section**

**16(4) and Regulation 52 of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002)**

**EMPlan was approved in April 2008 with the Prospecting Right**

**Client: HC van Wyk Diamonds Ltd**

**2008**

**Environmental Management Plan with an application for a Prospecting Right for diamonds on Portion 12, 13, 16, 24 & 25 Saxendrift 20 in terms of Section 16(4) and Regulation 52 of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002)**

**EMPlan was approved in June 2008 with the Prospecting Right**

**Client : HC van Wyk Diamonds Ltd**

**Environmental Management Plan with an application for a Prospecting Right for diamonds on Erf 1 Windsorton, Barkly-Wes in terms of Section 16(4) and Regulation 52 of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002)**

**EMPlan was approved in February 2009 with the Prospecting Right**

**Client: HC van Wyk Diamonds Ltd**

**2009**

**ENVIRONMENTAL IMPACT ASSESSMENT & ENVIRONMENTAL MANAGEMENT PROGRAMME SUBMITTED FOR AN APPLICATION FOR A PROSPECTING RIGHT CONVERSION IN TERMS OF SECTION 39 & OF REGULATION 50 & 51 OF THE MPRDA, 2002 (ACT NO. 28 OF 2002) for Wouterspan Mine (The Farm Lanyon Vale 376, Hay)**

**EIA/EMP approved on 25/01/2010**

**Client: HC van Wyk Diamonds Ltd**

**ENVIRONMENTAL IMPACT ASSESSMENT & ENVIRONMENTAL MANAGEMENT PROGRAMME SUBMITTED FOR AN APPLICATION FOR A PROSPECTING RIGHT CONVERSION IN TERMS OF SECTION 39 & OF REGULATION 50 & 51 OF THE MPRDA, 2002 (ACT NO. 28 OF 2002) for GW Ziegler on Remainder, Remainder of portion 1 (Amantia) and portion 2 (a portion of portion 1) of the farm Rietputs no. 15 and portion 1 (Spenceskop) of the farm Waterval no.14 in the district of Kimberley**

**EIA/EMP approved with conversion of the Prospecting Right**

**Client: GW Ziegler**

**2010**

**Basic Assessment Application**

**Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2006 PROPOSED EXTENTION OF A ROOF OVER AN EXCISTING DECK WITH TWO WOOD PILLARS BY MEANS OF THE EXCAVATING OF 0.5m X 0.5m X 1m X 2 (½m<sup>2</sup>) OF SOIL WITHIN 100M OF THE HIGH WATER MARK OF THE SEA**

**Falls within general notes under activities that requires basic assessment**

**Positive Record of Decision (ROD) Granted.**

**Client: Dr. Petrus van der Walt Vermeulen**

**REVISION OF ENVIRONMENTAL IMPACT ASSESSMENT & ENVIRONMENTAL MANAGEMENT PROGRAMME SUBMITTED FOR AN APPLICATION FOR A PROSPECTING RIGHT CONVERSIONS IN TERMS OF SECTION 39 & OF REGULATION 50 & 51 OF THE MPRDA, 2002 (ACT NO. 28 OF 2002) for HC VAN WYK DIAMONDS LTD (204 MRC) ON REMAINING EXTENT OF HOLPAN 161, BARKLY-WES AND KLIPDAM DIAMOND PROSPECTING CO (003MRC) ON REMAINING EXTENT OF KLIPDAM 157, BARKLY-WES**

**Client: HC van Wyk Diamonds Ltd and Klipdam Diamond Prospecting Company Ltd**

**2011**

**APPLICATION FOR A LICENCE REGARDING PROTECTED TREES [SECTION 15(1) OF THE NATIONAL FORESTS ACT, 1998, AS AMENDED] on PORTION 1 (PAARDE PAN) OF THE FARM ANNEX SAXES DRIFT 21, HOPETOWN, NORTHERN CAPE for 14 Shephards tree (Boscia albitunca)**

**Licence issued on 24 September 2011**

**Client : Saxendrift Mine Pty Ltd**

**ENVIRONMENTAL IMPACT ASSESSMENT & ENVIRONMENTAL MANAGEMENT PROGRAMME SUBMITTED FOR AN APPLICATION FOR A PROSPECTING RIGHT CONVERSION IN TERMS OF SECTION 39 & OF REGULATION 50 & 51 OF THE MPRDA, 2002 (ACT NO. 28 OF 2002) on Portion 2 of the farm Good Hope 286, Barkly-Wes**

**EIA/EMP approved February 2013 by the Regional Manager**

**Client: Diacor CC**

**APPLICATION FOR CLOSURE CERTIFICATE [in terms of sections 43(3) of the Minerals and Petroleum Resources Development Act, 2002 (Act No 28 of 2002)] AND A CLOSURE PLAN FOR PROSPECTING ACTIVITIES PERFORMED BY HC VAN WYK DIAMONDS LTD ON THE REMAINING EXTENT OF PORTION 1 (WILLOWBANK), PORTION 2 (A PORTION OF PORTION 1) (WILLOWBANK), PORTION 3 (A PORTION OF PORTION 1) (WILLOWBANK) OF KHOSOPSKRAAL 227 AND PORTION 5 (ROSCOMMON) AND PORTION 2 (BORDON) OF HARRISDALE 226 AND FARM 362, BARKLY-WES CLOSURE WAS GRANTED IN JULY 2010**

**Client: HC VAN WYK DIAMONDS LTD**

**2012**

**APPLICATION FOR A LICENCE REGARDING PROTECTED TREES [SECTION 15(1) OF THE NATIONAL FORESTS ACT, 1998, AS AMENDED] on PORTION 1 OF THE FARM BRAKFORTEIN 276, HOPETOWN NORTHERN CAPE for 4 Shephards tree (Boscia albitunca)**

**Licence NCU 2831112 issued in November 2012**

**Client: Jasper Prospecting Pty Ltd**

**2013**

**APPLICATION FOR A LICENCE REGARDING PROTECTED TREES [SECTION 15(1) OF THE NATIONAL FORESTS ACT, 1998, AS AMENDED] ON REMAINDER OF THE FARM NIEWEJAARSKRAAL NO 40, PRIESKA, NORTHERN CAPE. 30 SHEPPHARD'S TREES**

**Licence NCU 4290214 issued in February 2014**

**Client: Saxendrift Mine (Pty) Ltd (Niewejaarskraal Mine)**



**AMENDMENT OF ENVIRONMENTAL IMPACT ASSESSMENT & ENVIRONMENTAL MANAGEMENT PROGRAMME SUBMITTED FOR A SECTION 11 APPLICATION OF A PROSPECTING RIGHT CONVERSION IN TERMS OF SECTION 39 & OF REGULATION 50 & 51 OF THE MPRDA, 2002 (ACT NO. 28 OF 2002) on The Farm Riets Drift no. 18, district  
Client: Bo-Karoo Diamond Prospecting (Pty) Ltd to be ceded to Bondeo 140 CC.**

**2014**

**Application for a Water Users Licence Application in terms of Section 27 of the National Water Act no 36 of 1998 on the Farm Engelde Wilgeboomfontein 22, Prieska  
Application still under review  
Client: Thunderflex 78 (Pty) Ltd**

**ENVIRONMENTAL IMPACT ASSESSMENT & ENVIRONMENTAL MANAGEMENT PROGRAMME SUBMITTED FOR AN APPLICATION FOR A PROSPECTING RIGHT CONVERSION IN TERMS OF SECTION 39 & OF REGULATION 50 & 51 OF THE MPRDA, 2002 (ACT NO. 28 OF 2002) on Portion 1 of the farm Brakfontein 276 district of Hopetown  
EIA/EMP approved April 2015 by the Regional Manager  
Client: Jasper Prospecting (Pty) Ltd**

**Environmental Management Plan with an application for a Prospecting Right for diamonds on REMAINING EXTENT OF THE FARM MARKSDRIFT 3, HOPETOWN in terms of Section 16(4) and Regulation 52 of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002)  
EMPlan was approved in April 2015 with the Prospecting Right  
Client: BONDEO 140 CC**

**2015**

**ENVIRONMENTAL IMPACT ASSESSMENT & ENVIRONMENTAL MANAGEMENT PROGRAMME SUBMITTED FOR AN APPLICATION FOR A PROSPECTING RIGHT IN TERMS OF SECTION 39 & OF REGULATION 50 & 51 OF THE MPRDA, 2002 (ACT NO. 28 OF 2002) on Portion 1 of the farm Speculatie 217 district of Boshof  
EIA/EMP accepted by the Regional Manager Free State Region  
Client: Thaba Thafita Diamond Prospecting CC**

**ENVIRONMENTAL IMPACT ASSESSMENT & ENVIRONMENTAL MANAGEMENT PROGRAMME SUBMITTED FOR AN APPLICATION FOR A PROSPECTING RIGHT IN TERMS OF SECTION 39 & OF REGULATION 50 & 51 OF THE MPRDA, 2002 (ACT NO. 28 OF 2002) on a Portion of Erf 1318, Galeshewe , and a Portion of the Remainder Erf 5336, Kimberley  
EIA/EMP still under review by the Regional Manager Northern Cape Region  
Client: Mystic Pearl 157 (Pty) Ltd**

**2016**

**ANNUAL REHABILITATION PLAN for Associated Manganese Mines of South Africa Ltd  
Glosam Prospecting Area  
February 2016**

# REFERENCES

WG (Bill) Bartholomew  
PO Box 10034  
OUDTSHOORN  
6620  
Tel: +27(0)44 272 3054  
Mobile: +27(0)84 466 4411  
Fax: +27(0)86 608 8411  
email: [bartholomew@telkomsa.net](mailto:bartholomew@telkomsa.net)

Glenn Norton  
Group Technical Manager: Rockwell Diamonds Inc.  
Mobile : +27(0)836305357  
Email : [glenn@rockwelldiamonds.com](mailto:glenn@rockwelldiamonds.com)

Hennie van Wyk  
Member : Diacor CC  
Mobile: +27(0)828201879  
Email : [hennie@goodhopereserve.co.za](mailto:hennie@goodhopereserve.co.za)

Name of the Practitioner: Dr Elizabeth (Betsie) Milne  
Tel No.: 082 992 1261  
Fax No.: N/A (No fax)  
E-mail address: [betsiemilne@gmail.com](mailto:betsiemilne@gmail.com)



*The End*

# APPENDIX 2 LOCALITY MAP OF APPLICATION AREA

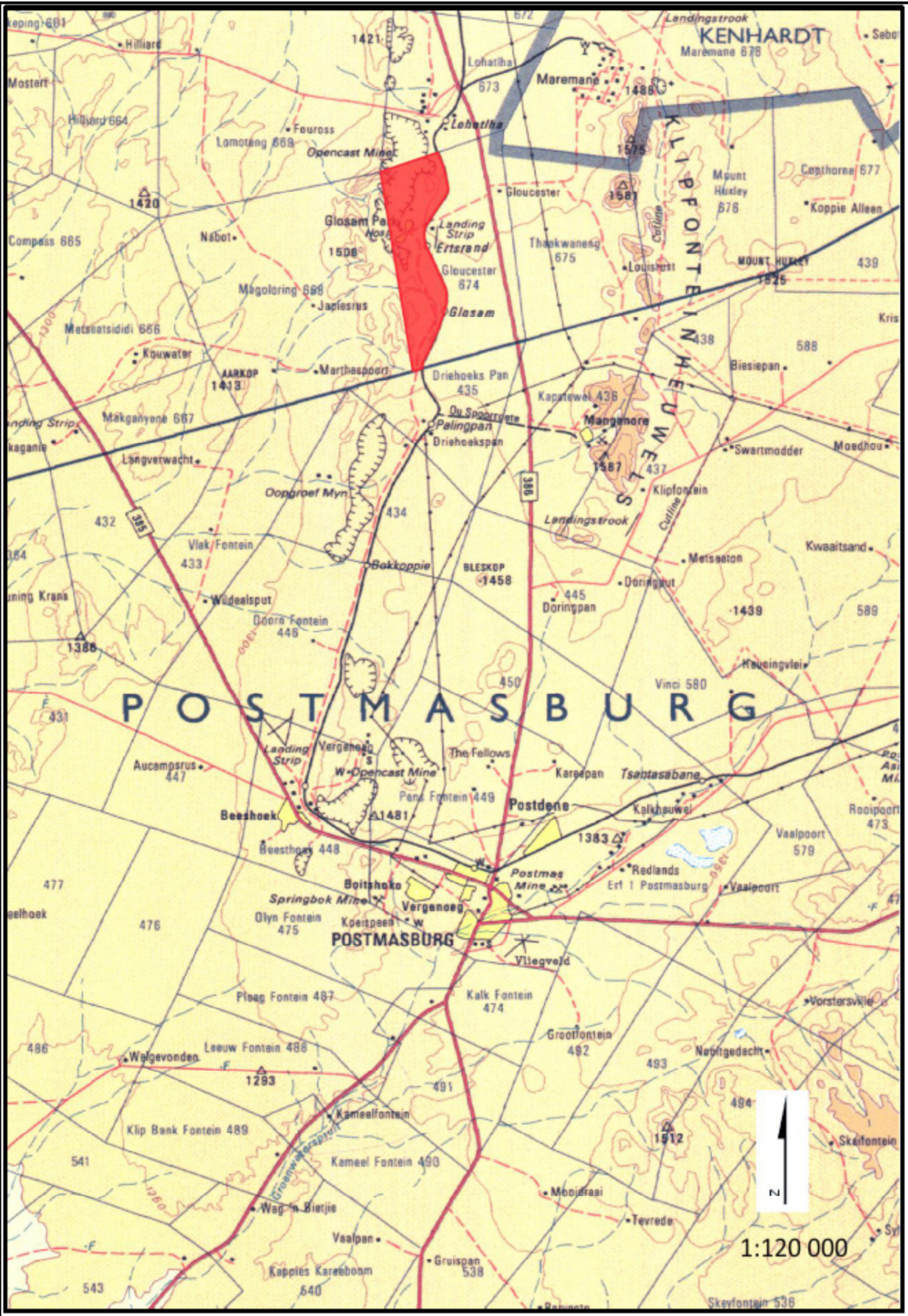


Figure 1: MAP Image – indication location of prospecting site

**APPENDIX 3 ENVIRONMENTAL AUTHORIZATION FOR SAME PROPERTY**



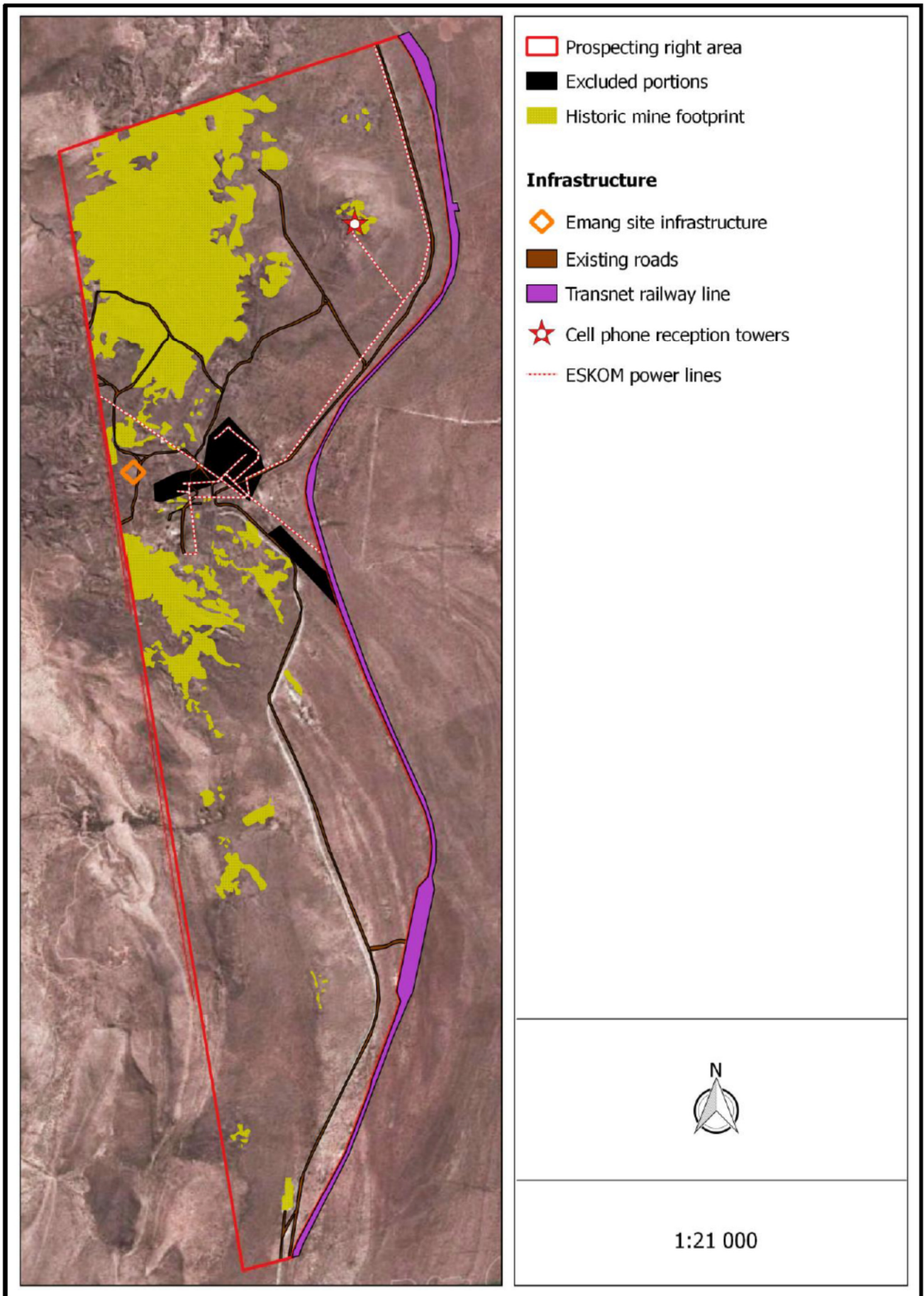
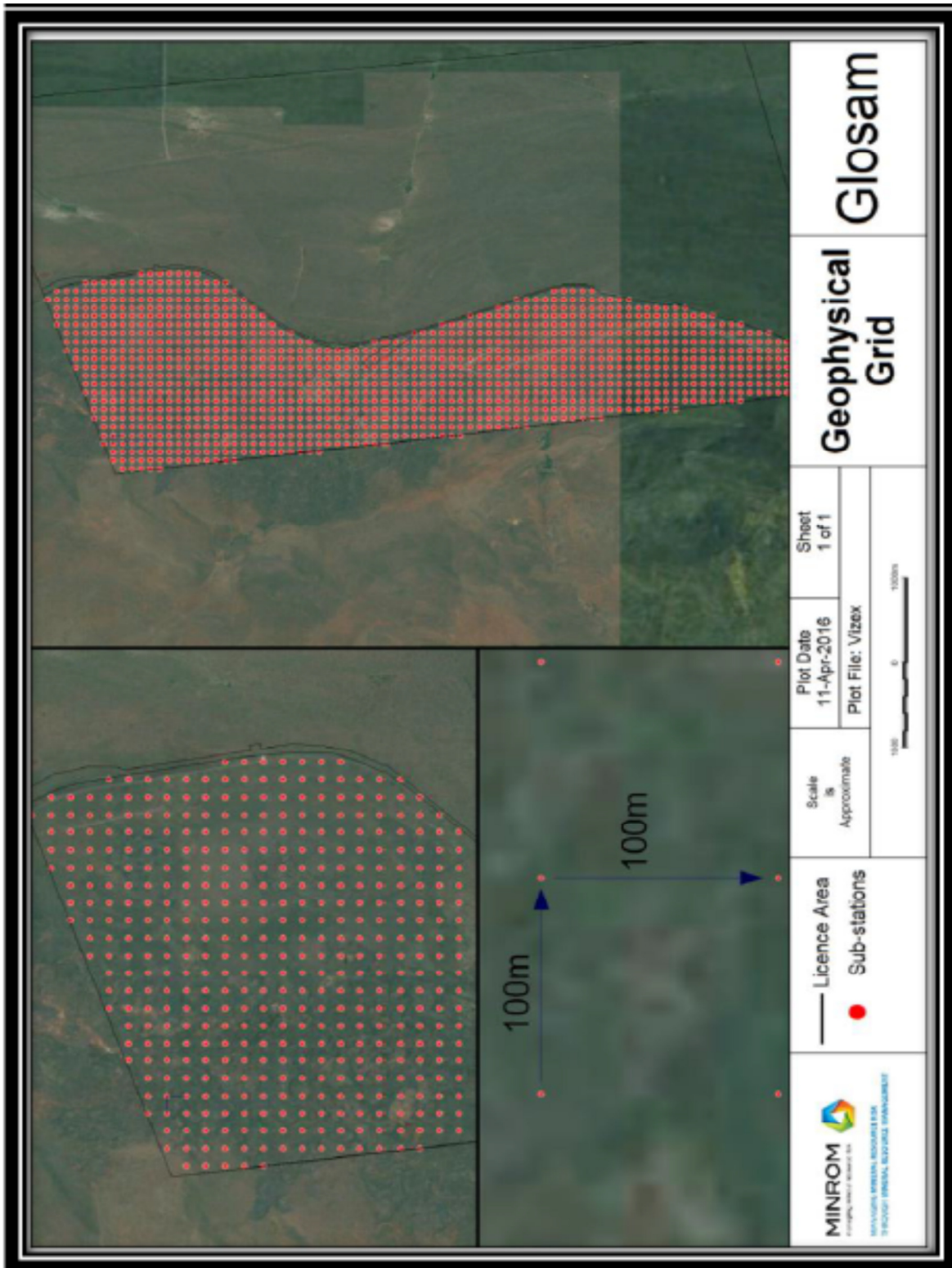


Figure 2: Mine APPLICATION AREA

# APPENDIX 4 SITE PLAN LOCATION OF ALL ACTIVITIES TO BE APPLIED FOR

Figure 3: Geophysical Grid Plan





Hole ID	EAST	NORTH	Elevation	Depth (m)
GLDD01	700596,3	6893055	1402,114	100
GLDD02	700718,3	6893100	1399,823	50
GLDD03	700843,3	6893117	1396,853	50
GLDD04	701352,3	6894210	1384,34	50
GLDD05	701402,9	6893913	1388,652	50
GLDD06	701385,1	6893573	1380,41	50
GLDD07	701156,7	6894928	1369,16	50
GLDD08	700440,8	6892977	1405,475	50
GLDD09	700029,2	6893126	1437,038	50
GLDD10	699970,3	6893020	1438,933	100
GLDD11	699889,6	6892913	1444,832	50
GLDD12	699805,1	6893707	1439,134	100
GLDD13	699680,1	6893742	1426,104	100
GLDD14	699530,2	6893881	1400,609	100
GLDD15	699858,2	6893797	1439,09	50
GLDD16	699743	6893622	1434,091	50
GLDD17	699616,8	6893677	1419,929	50
GLDD18	699728,3	6893827	1426,751	50
GLDD19	699532,2	6894039	1390,784	50
GLDD20	699518,8	6893734	1408,01	50
GLDD21	699564,8	6893424	1408,55	50
GLDD22	699676,7	6893537	1425,901	100
GLDD23	699696,6	6892935	1418,492	100
GLDD24	699887,7	6894605	1443,593	50
GLDD25	699788,9	6894331	1427,275	100
GLDD26	699700,2	6892714	1443,469	50
GLDD27	699701,5	6892471	1444,416	100
GLDD28	699778,3	6891292	1453,044	50
GLDD29	699944,4	6891139	1464,635	100
GLDD30	700115	6891005	1441,731	50

