



## mineral resources

Department:  
Mineral Resources  
**REPUBLIC OF SOUTH AFRICA**

APPLICATION FORM FOR ENVIRONMENTAL AUTHORIZATIONS 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).

---

### 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 authorizations 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 license and any other authorizations nor licenses 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 license 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 provided 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 authorization 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 AUTHORIZATIONS BEING APPLIED FOR

APPLICATION TYPE	APPLICATION FEE	MARK WITH AN X WHERE APPLICABLE
NEMA S&EIR application on its own	R 10 000.00	
NEMA BAR application on its own	R 2 000.00	X
NEMWA S&EIR application on its own	R 10 000.00	
NEMWA BAR application on its own	R 2 000.00	
NEMA S&EIR application combined with NEMWA S&EIR application	R 15 000.00	
NEMA BAR application combined with NEMWA BAR application	R 3 000.00	
NEMA S&EIR application combined with NEMWA BAR application	R 11 000.00	

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

**2. DETAILS OF THE APPLICANT**

Project applicant:	Otter Mist Trading 1057 (Pty) Ltd		
Registration no (if any):	2017/238605/07		
Trading name (if any):	Otter Mist Trading 1057 (Pty) Ltd		
Responsible Person (e.g. Director, CEO, etc.):	Mr J Marais		
Contact Person:	Mr J Marais		
Physical address:	9907 Stokery Road, Wellington, Western Cape		
Postal address:	PO BOX 107, Wellington, Western Cape		
Postal code:	7655	Cell:	083 450 5906
Telephone:	021 872 0090	Fax:	
E-mail:	<a href="mailto:johan@kingpintransport.co.za">johan@kingpintransport.co.za</a>		

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

EAP:	Mrs. M Saal		
Professional affiliation/registration:	N/A		
Contact Person (if different from EAP):	Mrs. M Saal		
Company:	Greenmined Environmental		
Physical address:	Unit MO1, No 37 AECI Site, Baker Square, Paardevlei, De Beers Avenue, Somerset West		
Postal address:	Suite 62, Private Bag X15, Somerset West		
Postal code:	7129	Cell:	076 792 6327
Telephone:	021 8512673	Fax:	086 546 0579
E-mail:	<a href="mailto:murchellin.s@greenmined.co.za">murchellin.s@greenmined.co.za</a>		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by the NEMA Regulations, prior to the commencement of the process.

The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and relevant application processes) of the EAP must also be attached as **Appendix 1**.

#### 4. PROJECT DESCRIPTION

<b>Farm Name:</b>	<p>Farm Rhenosterkop nr 115</p> <p>A portion of the remaining portion of the Farm Rhenosterkop nr 115, Beaufort West District, Western Cape Province.</p>
<b>Application area (Ha)</b>	<p>5 ha</p>
<b>Magisterial district:</b>	<p>Beaufort West RD</p>
<b>Distance and direction from nearest town</b>	<p>±30 km North of Beaufort West.</p> <p>Using the N1, head north for approximately 30km. The entrance to the proposed mining area is found on the right side of the road.</p>
<b>21 digit Surveyor General Code for each farm portion</b>	<p>C00900000000015500000</p>
<b>Locality map</b>	<p>Attach a locality map at a scale not smaller than 1:250000 and attach as <b>Appendix 2</b></p>
<b>Description of the overall activity.</b> <small>Indicate Mining Right, Mining Permit, Prospecting right, Bulk Sampling, Production Right, Exploration Right, Reconnaissance permit, Technical co-operation permit, Additional listed activity)</small>	<p>Otter Mist Trading 1057 (Pty) Ltd (hereafter referred to as the applicant) applied for a mining permit for the mining of dolerite, 5 ha on a portion of the remaining portion of the Farm Rhenosterkop nr 115, Beaufort West District, Western Cape Province</p> <p>The proposed mining footprint will be 5 ha and will be developed over an undisturbed area of the farm. The mining method will make use of drilling and blasting in order to loosen the hard rock; the material will then be loaded and hauled to the crushing plant where it will be screened to various sized stockpiles. The dolerite will be stockpiled until it is transported from site using tipper trucks. All mining related activities will be contained within the approved mining permit boundaries.</p> <p>Otter Mist Trading 1057 (Pty) Ltd, intends to win material from the area for at least 2 years with a possible extension of another 3 years. The dolerite to be removed from the quarry will be used for local construction and building projects in the vicinity. The proposed quarry will therefore contribute to the upgrading / maintenance of road infrastructure and building contracts in and around the Beaufort West area.</p> <p>The mining activities will consist out of the following:</p> <ul style="list-style-type: none"> <li>• Stripping and stockpiling of topsoil;</li> <li>• Drilling</li> <li>• Blasting;</li> <li>• Excavating;</li> <li>• Crushing;</li> <li>• Stockpiling and transporting;</li> <li>• Sloping and landscaping upon closure of the site; and</li> <li>• Replacing the topsoil and vegetation of the disturbed area.</li> </ul> <p>The mining site will contain the following:</p> <ul style="list-style-type: none"> <li>• Drilling equipment;</li> </ul>

	<ul style="list-style-type: none"> <li>• Excavating equipment;</li> <li>• Earth moving equipment;</li> <li>• Static crushing and screening plants.</li> <li>• Access Roads;</li> <li>• Site Office (Containers);</li> <li>• Site vehicles;</li> <li>• Parking area for visitors and site vehicles;</li> <li>• Vehicle service area;</li> <li>• Wash bay;</li> <li>• Workshop (Containers);</li> <li>• Salvage Yard;</li> <li>• Bunded diesel and oil storage facilities;</li> <li>• Generator on bunded area;</li> <li>• Ablution Facilities (Chemical Toilets);</li> <li>• Weigh Bridge; and</li> <li>• Demarcated general and hazardous waste area.</li> </ul> <p>The proposed project will not require any additional electricity connections, as power will be supplied, when needed, by generators. All diesel storage will be below the threshold as mentioned in the EIA regulations of the National Environmental Management Act, 1998 (Act No 107 of 1998) as amended 2017.</p> <p>Access to the proposed mining area will be via the N1, making use of the existing internal/haul roads to access the mining area. Haul roads will be extended as the open cast mining progress and will be rehabilitated as part of the final reinstatement of the area. Trucks delivering the materials to the destinations will take the N1 national route.</p> <p>The proposed access road intersects with more than 2 drainage lines which necessitates a water use license application in terms of Section 21 of the NWA, 1998. A Risk Matrix Assessment will be compiled.</p> <p>Any water required for the implementation of the project will be bought and transported to the site.</p>
--	--

## 5. ACTIVITIES TO BE AUTHORIZED

(Please provide copies of Environmental Authorizations obtained for the same property as **Appendix 3**).

(For an application for authorization indicated. Please list that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be index note that any authorization that may result from this application will only cover activities specifically applied for). (Attach a proposed site plan, drawn to a scale acceptable to the competent Authority, showing the location of all the activities to be applied for, as **Appendix 4**)

NAME OF ACTIVITY <small>(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 mining- 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.)</small>	Aerial extent of the Activity. Ha or m <sup>2</sup>	LISTED ACTIVITY <small>(Mark with an X where applicable or affected).</small>	APPLICABLE LISTING NOTICE <small>(GNR 544, GNR 545 or GNR 546)</small>	WASTE MANAGEMENT AUTHORIZATION <small>(Indicate whether an authorization is required in terms of the Waste Management Act). (Mark with an X)</small>
Demarcation of site with visible beacons.	5 ha	N/A	Not listed	N/A
Development of haul roads	±3km	X	GN 517 Environmental Impact Assessment Regulations Listing Notice 1 Activity 21	N/A
Stripping and stockpiling of topsoil.	5 ha	X	GN 517 Environmental Impact Assessment	N/A

NAME OF ACTIVITY <small>(E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc E.g. for mining,- excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)</small>	Aerial extent of the Activity. Ha or m <sup>2</sup>	LISTED ACTIVITY <small>(Mark with an X where applicable or affected).</small>	APPLICABLE LISTING NOTICE <small>(GNR 544, GNR 545 or GNR 546)</small>	WASTE MANAGEMENT AUTHORIZATION <small>(Indicate whether an authorization is required in terms of the Waste Management Act). (Mark with an X )</small>
			Regulations Listing Notice 1 Activity 21	
Drilling and blasting.	±4 ha	X	GN 517 Environmental Impact Assessment Regulations Listing Notice 1 Activity 21	N/A
Excavation, loading and hauling to the processing area.	±4 ha	X	GN 517 Environmental Impact Assessment Regulations Listing Notice 1 Activity 21	N/A
Crushing and Screening	±1 ha	X	GN 517 Environmental Impact Assessment Regulations Listing Notice 1 Activity 21	N/A
Stockpiling and transportation of material from site	±0.9 ha	X	GN 517 Environmental Impact Assessment Regulations Listing Notice 1 Activity 21	N/A
Sloping and landscaping upon closure of the mining area.	5 ha	X	GN 517 Environmental Impact Assessment Regulations Listing Notice 1 Activity 21	N/A
Replacing the topsoil and vegetating the disturbed area.	5 ha	X	GN 517 Environmental Impact Assessment Regulations Listing Notice 1 Activity 21	N/A

## 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 (If applicable)	-
Will the landowners or lawful occupiers of neighboring properties been identified?	X	-
Will the local municipality be consulted?	X	-
Will the Authority responsible for power lines within 100 meters of the area be consulted?	X	-
Will Authorities responsible for public roads or railway lines within 100 meters of the area applied for be consulted?	N/A	X
Will authorities responsible for any other infrastructure within 100 meters of the area applied for be consulted? (Specify)	X	-
Will the Provincial Department responsible for the environment be consulted?	X	-
Will all of the parties identified above be provided with a description of the proposed mining /prospecting operation as referred above?	X	-

Will all the parties identified above be requested in writing to provide information as to how their interests (whether it be socio-economic, cultural, heritage or environmental) will be affected by the proposed mining project?	<b>X</b>	
Other, Specify		

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

<p><b>Steps to be taken to notify interested and affected parties</b></p> <p><b>parties</b> (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 Appendix)</p>	<p><b>PROVIDE DESCRIPTION HERE</b></p> <p>During the initial public participation process the stakeholders and I&amp;AP's will be informed of the project by means of I&amp;AP comment/notification letters that will either be delivered by hand or sent directly to the contact persons. A 30-day commenting period will be provided. An advertisement will be placed in a local newspaper and on-site notices will be placed at visible places (such as the site entrance, municipal offices, nearest shopping centres and community facilities).</p> <p>The draft Basic Assessment Report (DBAR) will be distributed to the registered I&amp;AP's and stakeholders for their perusal and a 30-day commenting period will be provided. The comments received on the DBAR will be incorporated into the final Basic Assessment Report (FBAR) to be submitted for decision making to DMRE.</p>
<p><b>Information to be provided to Interested and Affected Parties</b></p>	<p><b>Compulsory</b></p> <ul style="list-style-type: none"> <li>• The site plan.</li> <li>• List of activities to be authorized</li> <li>• Scale and extent of activities to be authorized</li> <li>• Typical impacts of activities to be authorized ( 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>
<p><b>Information to be required from Interested and Affected Parties.</b></p>	<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> <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> <p><b>Other, Specify</b></p>

## 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>A detailed site- and sensitivity analysis of the environmental attributes of the proposed footprint will be performed through investigation of the actual mining area, desktop, specialist studies and information obtained from bioregional plans and maps. Information gathered during the public participation process will also be used to highlight environmental aspects associated with the proposed project.</p>
<p><b>Identification of impacts and risks.</b> (Describe the process that will be used to identify impacts and risks.</p>	<p>The impacts and risks associated with the proposed project will be identified through investigation of the specific site aspects, consultation with the I&amp;AP's and stakeholders as well as desktop and background studies done on the study and surrounding areas of associated projects.</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 applicant only identified one alternative site for the proposed mining activity namely:</p> <p>Site Alternative 1 (S1) (Preferred Alternative): The Applicant, is in the process of applying for a mining permit for the mining of dolorite, on a portion of the remaining portion of the Farm Rhenosterkop nr 115, in which the area will be approximately 5ha in extent. This area is the only viable area due to the position of the dolorite reserve.</p> <p>If applicable, project and/or technology alternatives will be considered in order to identify the best possible option that will accommodate the mining need, as well as have the least possible impact on the receiving environment.</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>The environmental significance assessment methodology that will be used to assess and rank the impacts will be based on the following determination:</p> <p style="text-align: center;">Environmental Significance = Overall Consequence X Overall Likelihood.</p> <p>This method will assist in ranking the identified impacts according to low, medium and high significance. A full explanation of the methodology to be used in the above matter will be discussed in the environmental documentation to be submitted for approval.</p>
<p><b>Contribution of specialist reports</b> Describe how specialist reports, if required, will be taken into consideration and inform the impact identification, assessment and remediation process.</p>	<ul style="list-style-type: none"> <li>■ The following studies will be conducted: <ul style="list-style-type: none"> <li>○ Terrestrial Biodiversity</li> <li>○ Aquatic Biodiversity/ Risk Matrix Assesment</li> <li>○ Agricultural/ Soil study</li> <li>○ Heritage Impact Assessment</li> </ul> </li> <li>■ An NID application will be submitted to Heritage Western Cape (HWC).</li> </ul>
<p><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</p>	<p>The impacts will be ranked as stated above. This will allow the identification of impacts deemed to have a Medium to High significance, requiring mitigation and management objectives. These objectives will be aligned with guidelines and specific requirements of</p>

impact management outcomes will be aligned with standards.	the relevant managing authorities and will be listed in the EMPr to be submitted with the Basic Assessment Report.
--	--

**8. OTHER AUTHORIZATIONS REQUIRED**

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

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

In the event that an authorization 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 authorization 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.

<b>ACTIVITIES</b>  (E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc E.g. for mining,- excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)	<b>PHASE</b>  (of operation in which activity will take place). State; Planning and design, Pre-Construction, Construction, Operational, Rehabilitation, Closure, Post closure.	<b>SIZE AND SCALE (of Disturbance)</b>  (volumes, tonnages and hectares or m <sup>2</sup> )	<b>TYPICAL MITIGATION MEASURES</b>  (Eg, storm water control, dust control, noise control, access control, rehabilitation etc....., etc.....)	<b>COMPLIANCE WITH STANDARDS</b>  (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)
Demarcation of site with visible beacons.	Construction / Site Establishment Phase	5 ha	Adhere to mining boundary and no-go areas.	<ul style="list-style-type: none"> <li>Approved Regulation 2.2 Mine Plan;</li> <li>Approved EMP.</li> </ul>
Development of haul roads	Construction / Site Establishment Phase	±3km	<ul style="list-style-type: none"> <li>Dust suppression;</li> <li>Noise management;</li> <li>Weeds control;</li> <li>Storm water management.</li> </ul>	<ul style="list-style-type: none"> <li>Dust &amp; Noise: NEM:AQA, 2004;</li> <li>Weeds: NEMBA: 2004; CARA, 1983</li> <li>Storm water: NWA, 1998.</li> </ul>
Stripping and stockpiling of topsoil.	Operational Phase	5 ha	<ul style="list-style-type: none"> <li>Dust suppression;</li> <li>Noise management;</li> <li>Waste management;</li> <li>Topsoil management;</li> <li>Weeds control;</li> <li>Storm water management.</li> </ul>	<ul style="list-style-type: none"> <li>Dust &amp; Noise: NEM:AQA, 2004;</li> <li>Waste: NEM:WA, 2008;</li> <li>Weeds: NEMBA: 2004; CARA, 1983</li> <li>Storm water: NWA, 1998.</li> </ul>
Drilling and blasting.	Operational Phase	5 ha	<ul style="list-style-type: none"> <li>Dust suppression;</li> <li>Noise management;</li> <li>Waste management.</li> </ul>	<ul style="list-style-type: none"> <li>Dust &amp; Noise: NEM:AQA, 2004;</li> <li>Waste: NEM: WA, 2008.</li> </ul>
Excavation, loading and hauling to the processing area.	Operational Phase	±5 ha	<ul style="list-style-type: none"> <li>Dust suppression;</li> <li>Noise management;</li> <li>Storm water management,</li> <li>Traffic management.</li> </ul>	<ul style="list-style-type: none"> <li>Dust &amp; Noise: NEM:AQA, 2004;</li> <li>Storm water: NWA, 1998;</li> <li>Traffic: NRTA, 1996.</li> </ul>
Sloping and landscaping upon closure of the mining area	Decommissioning / Closure Phase	5 ha	<ul style="list-style-type: none"> <li>Dust suppression;</li> <li>Noise management;</li> <li>Waste management;</li> <li>Weeds control;</li> <li>Erosion management;</li> </ul>	<ul style="list-style-type: none"> <li>Dust &amp; Noise: NEM:AQA, 2004</li> <li>Waste: NEM:WA, 2008</li> <li>Weeds: NEMBA: 2004</li> <li>Erosion: CARA, 1983</li> <li>Safety: MHSA, 1996</li> </ul>
Replacing the topsoil and vegetating of disturbed area			<ul style="list-style-type: none"> <li>Dust suppression;</li> <li>Noise management;</li> <li>Waste management;</li> <li>Weeds control;</li> <li>Erosion management;</li> </ul>	<ul style="list-style-type: none"> <li>Dust &amp; Noise: NEM:AQA, 2004</li> <li>Waste: NEM:WA, 2008</li> <li>Weeds: NEMBA: 2004</li> <li>Erosion: CARA, 1983</li> <li>Safety: MHSA, 1996</li> </ul>

			<ul style="list-style-type: none"> <li>• Safety management.</li> </ul>	<ul style="list-style-type: none"> <li>• Rehabilitation: MPRDA, 2002</li> </ul>
--	--	--	--	---

## 10. CLOSURE PLAN

<p><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></p>	
<p><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</p>	<p>A detailed site selection and sensitivity analysis will be conducted for the proposed mining project in order to determine the baseline environment, and whether the proposed site is in a preferred and acceptable development area.</p> <p>The assumptions to be made in the EIA documents relating to the assessment and mitigation measures proposed, will stem from site specific information gathered from the property owner, stakeholders, interested and affected parties, as well as site inspections, and background information gathered through the assessment process.</p> <p>A comprehensive Environmental Management Programme (EMPr) will be developed that will have to be implemented to mitigate and minimize the impacts during the site establishment/construction and operational phases.</p>
<p><b>Closure objectives</b> Describe the closure objectives and the extent to which they will be aligned to the baseline environment</p>	<p>Upon closure of the mining operation, the entire footprint area will be rehabilitated so as to allow the affected area to return to agricultural use. At this stage the following baseline closure objectives are proposed from which a detailed closure plan will be developed:</p> <ul style="list-style-type: none"> <li>➤ Rehabilitation of all the disturbed surface areas shall entail landscaping, levelling, top dressing, land preparation, seeding (if required), and weed / alien clearing.</li> <li>➤ Any infrastructures, equipment, and other items used during the mining period will be removed from the site in accordance with section 44 of the MPRDA, 2002.</li> <li>➤ Waste material of any description, including receptacles, scrap, rubble and tyres, will be removed entirely from the mining area and disposed of at a recognized landfill facility. It will not be permitted to be buried or burned on the site.</li> <li>➤ The rehabilitation area will be cleared of weeds and invader plant species. Priority will be given to species regarded as Category 1a and 1b invasive species in terms of NEM: BA (National Environmental Management: Biodiversity Act 10 of 2004 and regulations applicable thereto).</li> <li>➤ Final rehabilitation shall be completed within a period specified by the Regional Manager.</li> </ul> <p>A site-specific rehabilitation plan drawn to a suitable scale will be provided in the EMPr to be submitted together with the BAR.</p>
<p><b>Rehabilitation Plan</b> Describe the scale and aerial extent of the prospecting or mining listed activities to be authorized, including the anticipated prospecting or mining 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>	
<p><b>Rehabilitation Cost</b> Describe how the rehabilitation cost will be determined and provide a preliminary estimate thereof</p>	<p>The rehabilitation cost will be determined in accordance with the guideline document for the evaluation of the quantum of closure-related financial provision by a mine and as prescribed in terms of Regulation 54 (1) of the MPRDA. The preliminary amount for rehabilitation of the proposed site has been estimated to be in the region of R 500 000.</p>
<p><b>Decommissioning</b> Considering that rehabilitation must take place upon cessation of an activity,</p>	<ul style="list-style-type: none"> <li>• <i>Topsoil, Overburden and Waste Rock Stripping:</i></li> </ul>

<p>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 mining activity.</p>	<p>Topsoil will be stored to be used during rehabilitation. Overburden and overburden rock will be used to refill excavated areas.</p> <ul style="list-style-type: none"> <li>• <i>Drilling and Blasting (Excavating):</i> The quarry pit will be rendered safe, sloped, and landscaped upon closure according to the guidance of a rock engineer.</li> <li>• <i>Excavation and hauling of material to the processing plant:</i> The excavation will be rendered safe. Haul roads no longer needed by the landowner will be reinstated and rehabilitated upon closure. Transporting of material will cease upon closure of the site. All stockpiles will be removed and the stockpile area will be ripped, levelled and top dressed with topsoil upon the closure of the site.</li> </ul> <p>Due to the nature of the proposed mining activity, the actions listed above will be implemented upon closure of the site.</p>
---	--



Signature of the applicant / Signature on behalf of the applicant:

Greenmined Environmental (Pty) Ltd (see attached resolution from Otter Mist Trading (Pty) Ltd)

*OTTER MIST TRADING 1257 (PTY) LTD.*

Name of company (if applicable):

Date: February 2023

**APPENDIX 4  
DECLARATION OF THE EAP**

I, Murchellin Saal, 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 favorable 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 favorable 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 realize 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;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~



\_\_\_\_\_  
Signature of the environmental assessment practitioner:

Greenmined Environmental

\_\_\_\_\_  
Name of company:

February 2023

\_\_\_\_\_  
Date: