



## 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 nor licences 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 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 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.**

APPLICATION TYPE	APPLICABLE FEE	Mark with an X where applicable
NEMA S&EIR application on its own	R10 000.00	<input checked="" type="checkbox"/>
NEMA BAR application on its own	R 2 000.00	<input type="checkbox"/>
NEMWA S&EIR application on its own	R10 000.00	<input type="checkbox"/>
NEMWA BAR application on its own	R 2 000.00	<input type="checkbox"/>
NEMA S&EIR application combined with NEMWA S&EIR application	R 15 000.00	<input type="checkbox"/>
NEMA BAR application combined with NEMWA BAR application	R 3 000.00	<input type="checkbox"/>
NEMA S&EIR application combined with NEMWA BAR application	R 11 000.00	<input type="checkbox"/>

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

**2. DETAILS OF THE APPLICANT**

Project applicant:	Inzalo Crushing and Aggregates (Pty) Ltd		
Registration no (if any):	2008/008952/07		
Trading name (if any):	-		
Responsible Person, (e.g. Director, CEO, etc.):	Mr. B. Van Biljon		
Contact person:	Mr. B. Van Biljon		
Physical address:	93&94 Maple Street, Pomona, Kempton Park		
Postal address:	PO Box26730, East Rand		
Postal code:	1462	Cell:	083 269 5347
Telephone:	011 966 4313	Fax:	086 513 7220
E-mail:	Barnie@Beinternational.co.za		

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

EAP:	Yolandie Coetzee		
Professional affiliation/registration:	SACNASP-Registration Number 400324/13		
Contact person (if different from EAP):	Yolandie Coetzee		
Company:	Greenmined Environmental		
Physical address:	93-94 Maple Street, Pomona, Kempton Park,16199		
Postal address:	Suite 62, Private Bag X15, Somerset West		
Postal code:	7129	Cell:	082 734 5113
Telephone:	011 966 4390	Fax:	086 546 0579
E-mail:	yolandie.c@greenmined.co.za		

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**.

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#### 4. PROJECT DESCRIPTION

<b>Farm Name:</b>	Remaining Extent of the farm Bloemhof 14, Magisterial Distriction
<b>Application area (Ha)</b>	25.4ha
<b>Magisterial district:</b>	Parys District Municipality
<b>Distance and direction from nearest town</b>	Situated approximately 75 km North of Kroonstad Free State Province.
<b>21 digit Surveyor General Code for each farm portion</b>	F025000000000014000009
<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 Mining Right, Mining Permit, Prospecting right, Bulk Sampling, Production Right, Exploration Right, Reconnaissance permit, Technical co-operation permit, Additional listed activity)	<p>Inzalo Crushing and Aggregates (Pty) Ltd intends to apply for a Mining Right to mine 25.4ha of the remaining extent of the farm Bloemhof 14, which falls in the Parys Administrative District, Free State Province.</p> <p>The area earmarked for the proposed mining falls on a section of the farm that was previously used as an existing quarry and the intention of this application is to increase the existing quarry. The mining methods will make use of blasting means of explosives in order to loosen the hard rock, the material is then loaded and hauled out of the excavation to the mobile crushing and screening plants. The aggregate will be stockpiles and transported to clients via trucks and trailers. All activities will be contained within the boundaries of the site.</p> <p>The proposed mining area is approximately 25.4ha is extent and the applicant, Inzalo Crushing and Aggregates (Pty) Ltd, intents to win material from the area for at least 20 years. The aggregate / stone gravel to be removed from the quarry will be used for road construction in the vicinity. The proposed quarry will therefore contribute to the upgrading / maintenance of road infrastructure in and around the Koppies / Parys area.</p> <p>The mining activities will consist out of the following:          Stripping and stockpiling of topsoil;          Blasting;          Excavating;          Crushing;          Stockpiling and transporting;          Sloping and landscaping upon closure of the site; and          Replacing the topsoil and vegetation the disturbed area.</p> <p>The mining site will contain the following:          Drilling equipment;          Excavating equipment;          Earth moving equipment; and          Mobile crushing and screening plants.</p> <p>A generator will be used to power the infrastructure on site until an Eskom connection can be secured. Water from the existing pit will be pumped out of the quarry and reused for mineral processing and dust suppression.</p>

## 5. ACTIVITIES TO BE AUTHORISED

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

(For an application for authorisation that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be included. Note that any authorisation 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  (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.)	Aerial extent of the Activity Ha or m <sup>2</sup>	LISTED ACTIVITY  (Mark with an <b>X</b> where applicable or affected).	APPLICABLE LISTING NOTICE  ( <i>GNR 544, GNR 545 or GNR 546</i> )	WASTE MANAGEMENT AUTHORISATION  (Indicate whether an authorisation is required in terms of the Waste Management Act).  (Mark with an <b>X</b> )
Demarcation of site with visible beacons.	25.4ha	Not Listed	N/A	N/A
Establishment of temporary office and ablution infrastructure within boundaries of site.	12000m <sup>2</sup>	Not Listed	N/A	N/A
Stripping and stockpiling of topsoil of the mining area.	25.4ha	X	GNR 325 Environmental Impact Assessment Regulations Listing Notice 2 of 2014 Activity 17 (Mining Right area): Any activity including the operation of that activity which requires a mining right in terms of section 22 of the Mineral and Petroleum Resources	N/A

			<p>Development Act, 2002 (act No. 28 of 2002), including associated infrastructure, structures and earthworks directly related to the extraction of a mineral resource or the primary processing of a mineral resource including winning, extraction, classifying, concentrating, crushing, screening or washing but excluding the secondary processing of a mineral resource, including the smelting, beneficiation, reduction, refining, calcining or gasification</p>	
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			<p>n of the mineral resource in which case activity 6 in this Notice applies GNR 327 Environmental Impact Assessment Regulation s Listing Notice 1 of 2017 Activity 22:</p> <p>The decommissioning of any activity requiring – (i) a closure certificate in terms of section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002); or (ii) a prospecting right, mining right, mining permit, production right or exploration right, where the</p>	
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			<p>throughput of the activity has reduced by 90% or more over a period of 5 years excluding where the competent authority has in writing agreed that such reduction in throughput does not constitute closure; but excluding the decommissioning of an activity relating to the secondary processing of a –</p> <p>(a) mineral resource, including the smelting, beneficiation, reduction, refining, calcining or gasification of the mineral resource;</p> <p>or</p> <p>(b) petroleum resource,</p>	
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			<p>including the refining of gas, beneficiati on, oil or petroleum products; – in which case activity 31 in this Notice applies. GNR 327 Environmental Impact Assessment Regulation s Listing Notice 1 of 2017 Activity 27 (Mining Area):</p> <p>The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation. GNR 327 Environmental Impact Assessment Regulation s Listing Notice 1 of 2017 Activity 28 (Mining and Stockpile area):</p>	
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			<p>Commercial and industrial developments where such land was used for agriculture or afforestation on or after 01 April 1998 and where such development (ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare.</p> <p>GNR 327 Environmental Impact Assessment Regulations Listing Notice 1 of 2017 Activity 35 (Mining and Stockpile area):</p> <p>The expansion of residential, retail, recreational, tourism, commercial or institutional</p>	
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			<p>1 developments on land previously used for mining or heavy industrial purposes, where the increased development footprint will exceed 1 000 square meters; excluding —</p> <p>(i) where such land has been remediated in terms of part 8 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the National Environmental Management: Waste Act, 2008 applies; or</p> <p>(ii) where an environmental authorisation has been obtained for the</p>	
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			decommissioning of such a mine or industry in terms of this Notice or any previous NEMA notice; or (iii) where a closure certificate has been issued in terms of section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) for such land.	
Drilling and Blasting	10ha	X	GNR Listing Notice 2 Activity 17, 22, 27 and 35	N/A
Excavating and Loading	10ha	X	GNR Listing Notice 2 Activity 17, 22, 27 and 35	N/A
Crushing and Screening	1ha	X	GNR Listing Notice 2 Activity 17, 22, 27 and 35	N/A
Stockpiling and transportation of material from site	6.8ha	X	GNR Listing Notice 2 Activity 17, 22, 27 and 35	N/A

Sloping and landscaping upon closure of the site	25.4ha	X	GNR Listing Notice 2 Activity 17, 22, 27 and 35	N/A
Replacing the topsoil and vegetating of the distrubed area	25.4ha		GNR Listing Notice 2 Activity 17, 22, 27 and 35	

**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?		N/A
Will recipients of land claims in respect of the area be consulted?	X	
Will the landowners or lawful occupiers of neighbouring properties been identified?	X	
Will the local municipality be consulted?	X	
Will the Authority responsible for power lines within 100 metres of the area be consulted?		N/A
Will Authorities responsible for public roads or railway lines within 100 metres of the area applied for be consulted?		N/A
Will authorities responsible for any other infrastructure within 100 metres of the area applied for be consulted? (Specify)		N/A
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?	X	
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>(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>)</p>	<p><b>PROVIDE DESCRIPTION HERE</b></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 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>
<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><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>As the mineral resource and previously disturbed area is confined to certain position on-site the assessment of viable site alternatives will mainly comprise of various footprint sizes. Different activity alternatives will also be considered. The preferred site alternative will be identified as the alternative that has the least impact on the environment and future agricultural activities on the property. At least two site alternatives will be assessed.</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:            Environmental Significance = Overall Consequence x Overall Likelihood.            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>	<p>Due to the site being proposed on an area previously disturbed by mining activities no specialist report is currently deemed necessary.</p>
<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 impact management outcomes will be aligned with standards.</p>	<p>The impacts will be ranked as stated above. This will allow the identification of impacts that is deemed to have a Medium to High significance, requiring mitigation and management objectives. These objectives will be aligned with guidelines and specific requirements of the relevant managing authorities and will be listed in the EMPr to be submitted with the EIR</p>

## 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				
National Environmental Management: Biodiversity Act				
National Environmental Management: Integrated Coastal Management Act				
National Environmental Management: Protected Areas Act				
National Environmental Management: Waste Act				
<b>National legislation</b>				
Mineral Petroleum Development Resources Act	X		X	
National Water Act	X		X	
National Heritage Resources Act				
Others: Please specify				

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 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).	SIZE AND SCALE (of Disturbance)	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 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.)	State; Planning and design, Pre-Construction Construction, Operational, Rehabilitation, Closure, Post closure.	(volumes, tonnages and hectares or m <sup>2</sup> )	(Eg, 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)
Demarcation of site with visible beacons		25.4ha	Stay within approved boundaries	Approved regulation 2.2 Mine Plan
Establishment of Temporary Office and infrastructure within the boundaries of the site	Site establishment & Operational phase	12000m <sup>2</sup>	-Stay within approved boundaries	-Approved regulation 2.2 Mine Plan



Drilling and Blasting	Operational phase	10ha	- Health and Safety	- MHSA, 1996 - OHSA, 1993 - OHSAS 18001
Excavating and Loadg	Operational Phas	10ha	- Dust suppression - Noise management - Waste management - Weed control - Storm water management	- Dust and Noise: NEM:AQA, 2004 - Waste: NEM:WA, 2008 - Weeds: NEMBA, 2004 - Storm water: NWA, 1998
Crushing and Screening	Operational Phas	Approximatel y 1 ha	- Dust suppression - Noise management - Waste management - Weed control - Storm water management	- Dust and Noise: NEM:AQA, 2004 - Waste: NEM:WA, 2008 - Weeds: NEMBA,2004 - Storm water: NWA, 1998
Stockpiling and transporting of material	Operational Phas	6.8ha	- Dust suppression - Noise management - Waste management - Weed control - Storm water management - Maintenance of access road	- Dust and Noise: NEM:AQA, 2004 - Waste: NEM:WA, 2008 - Weeds: NEMBA, 2004 - Storm water: NWA, 1998 - Roads: NRTA, 1996
Sloping and lanscaping upon closure of site and	Decommissionin g Phase	25.4ha	- Dust suppression	- Dust and Noise:

Replacing of the stopsoil and vegetation of the disturbed area			<ul style="list-style-type: none"> <li>- Noise management</li> <li>- Waste management</li> <li>- Weed control</li> <li>- Storm water management</li> <li>- Maintenance of access road</li> <li>- Sloping of excavation</li> <li>- Replacement of topsoil</li> </ul>	<p>NEM:AQA, 2004</p> <ul style="list-style-type: none"> <li>- Waste: NEM:WA, 2008</li> <li>- Weeds: NEMBA, 2004</li> <li>- Storm water: NWA, 1998</li> <li>- Roads: NRTA, 1996</li> <li>- MPRDA, 2008</li> </ul>
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## 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><b>Closure objectives</b> Describe the closure objectives and the extent to which they will be aligned to the baseline environment</p>	<p>The closure objectives for the proposed mining area will include the following:</p> <ul style="list-style-type: none"> <li>-Rocks and coarse material removed from the excavation will be dumped into the excavation.</li> <li>-No waste will be permitted to be deposited in the excavation.</li> <li>-Once overburden, rocks and coarse natural materials has been added to the excavation and it was profiled with acceptable contours and erosion control measures, the topsoil previously stored shall be returned to its original depth over the area.</li> <li>-The compacted areas will be ripped and the topsoil returned over the area.</li> <li>-Coarse natural material used for the construction of ramps will be removed and dumped into the excavations.</li> <li>-Stockpiles will be removed during the decommissioning phase, the area ripped and the topsoil returned to its original depth to provide a growth medium.</li> <li>-On completion of operations, all structures or objects shall be dealt with in accordance with Section 44 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002):</li> </ul>

	<p>□ Where sites have been rendered devoid of vegetation/grass or where soils have been compacted owing to traffic, the surface shall be scarified or ripped.</p> <p>- Photographs of the mining area and office sites, before and during the mining operation and after rehabilitation, shall be taken at selected fixed points and kept on record for the information of the Regional Manager.</p> <p>-On completion of mining operations, the surface of these areas, if compacted due to hauling and dumping operations, shall be scarified to a depth of at least 300mm and graded to an even surface condition and the previously stored topsoil will be returned to its original depth over the area.</p> <p>-Prior to replacing the topsoil the overburden material that was removed from these areas will be replaced in the same order as it originally occurred.</p> <p><b>Final Rehabilitation:</b></p> <p>-Rehabilitation of the surface area shall entail landscaping, leveling, top dressing, land preparation, seeding (if required) and maintenance, and weed / alien clearing.</p> <p>-All infrastructure, equipment, plant, temporary housing and other items used during the mining period will be removed from the site (section 44 of the MPRDA).</p> <p>-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.</p> <p>-Weed / Alien clearing will be done in a sporadic manner during the life of the mining activities. Species regarded as Category weeds according to NEMB</p> <p>-Final rehabilitation shall be completed within a period specified by the Regional Manager.</p>
<p><b>Rehabilitation Plan</b> Describe the scale and aerial extent of the prospecting or mining listed activities to be authorised, 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>The proposed mining of the aggregate from the property will temporarily affect 25.4ha of the farm. Upon closure the sides of the excavation will be sloped to a 1:3 gradient and all compacted areas will be ripped and levelled. The topsoil will be replaced over the whole area.</p> <p>A site specific rehabilitation plan drawn to a suitable scale will be provided in the draft EMPr to be submitted together with the EIA</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 1 million.</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</p>	<p>The mining activities will consist of the following:</p> <ul style="list-style-type: none"> <li>- Stripping and stockpiling of topsoil <ul style="list-style-type: none"> <li>&gt; Rehabilitation to start upon replacement of topsoil over levelled areas</li> </ul> </li> </ul>

<p>the cessation of the overall prospecting or mining activity.</p>	<ul style="list-style-type: none"> <li>- <b>Blasting</b> <ul style="list-style-type: none"> <li>&gt; No direct rehabilitation required. Blasting will cease upon closure of the site.</li> </ul> </li> <li>- <b>Excavating</b> <ul style="list-style-type: none"> <li>&gt; Sloping of the excavation will commence upon closure of the site</li> </ul> </li> <li>- <b>Crushing</b> <ul style="list-style-type: none"> <li>&gt; All machinery and equipment will be removed upon closure of the site</li> </ul> </li> <li>- <b>Stockpiling and transporting</b> <ul style="list-style-type: none"> <li>&gt; Transporting of material will cease upon closure of the site</li> <li>&gt; All stockpiles will be removed and the stockpile area will be ripped, levelled and topdressed with topsoil upon closure of the site</li> </ul> </li> <li>- <b>Sloping and landscaping upon closure of the site</b></li> <li>- <b>Replacing of topsoil and vegetating the disturbed area</b></li> </ul> <p>Due to the nature of the proposed mining activity, all the actions listed above will be rehabilitated upon closure of the site.</p>
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Signature of the applicant / Signature on behalf of the applicant:

Greenmined Environmental on behalf of Inzalo Crushing and Aggregates (Pty) Ltd

Name of company (if applicable):

15/05/2018

Date:

**APPENDIX 4  
DECLARATION OF THE EAP**

I, Yolandie Coetzaa , 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;
- I have a vested interest in the proposed activity proceeding, such vested interest being:

\_N/A\_\_\_\_\_

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Signature of the environmental assessment practitioner:

**Greenmined Environmental**  
\_\_\_\_\_

Name of company:

15/05/2018  
\_\_\_\_\_

Date: