mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORIZATIONS IN TERMS OF THE NATIONAL 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 not 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 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 or licenses to the relevant competent authorities as required by the relevant legislation. Upon acceptance of an application for a right op 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 extent 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 AUTHORIZATION BEING APPLIED FOR

APPLICATION TYPE	APPLICABLE 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	
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	**X**
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	**PITSO 7STAR SAND EN KLIP (PTY) LTD**		
Registration no (if any):	2017/195080/07		
Responsible Person, (e.g. Director, CEO, etc.):	Sehlabeka Stephen Pitso		
Contact Person:	Henko Sevenster		
Physical Address:	13 Van Reenen Street, Kroon Heuvel, Kroonstad.		
Postal Address:	13 Van Reenen Street, Kroon Heuvel, Kroonstad.		
Postal Code	9599	Cell:	072 059 0605
Telephone:		Fax:	086 503 5494
E-Mail:	admin@7ster.co.za		

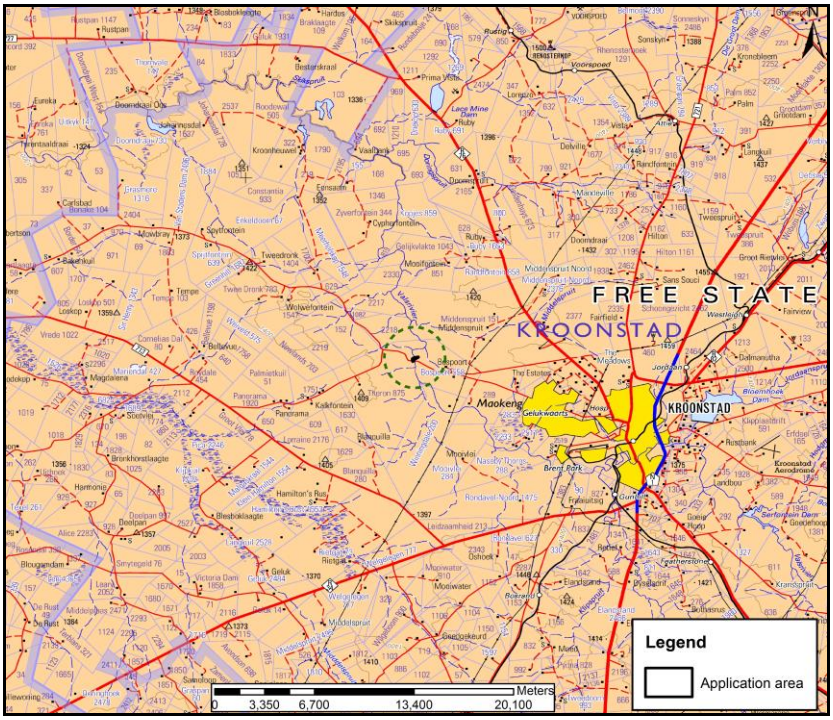
3. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	Lindie Wiehahn		
Professional affiliation / registration			
Contact person, (if different from EAP).:			
Company:	LW Consultants		
Physical Address:	19 Park Road, Belgravia, Kimberley		
Postal Address:	PO Box 3226, Kimberley		
Postal Code	8300	Cell:	072 141 4164
Telephone:	053 831 7634	Fax:	086 606 6315
E-Mail:	lindie@liwico.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 (indication the experience with environmental impact assessment and relevant application processes) of the EAP must also be attached as **Appendix 1.**

4. PROJECT DESCRIPTION

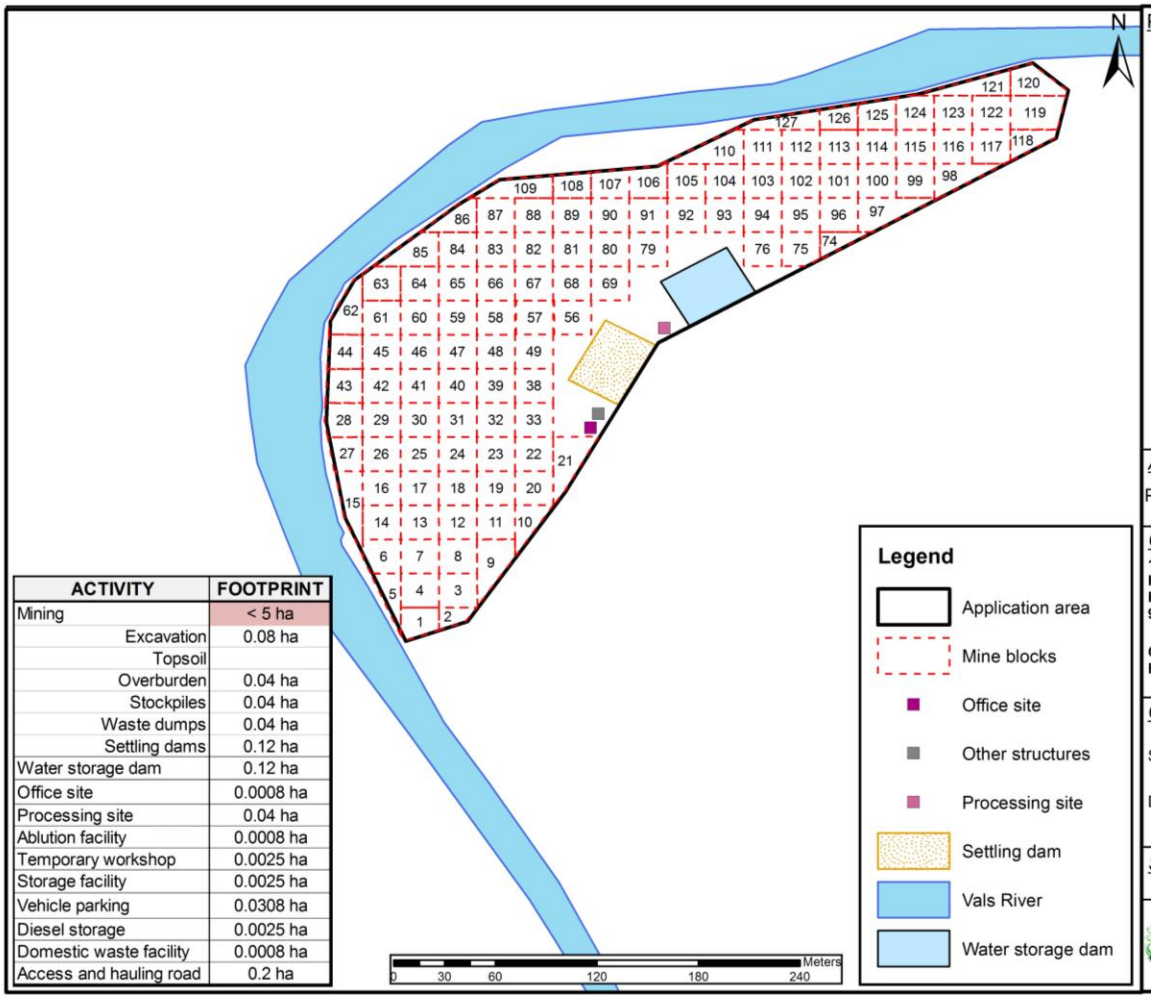
Farm name:	A portion of the Remainder of the farm Bospoort 558
Application area (Ha)	4,9554 ha (Four comma nine, five, five four hectares)
Magisterial district:	Kroonstad
Distance and direction from nearest town	The proposed project area is situated 16,2 km north west of the town Kroonstad, and 67,3 km south east of Bothaville.
21 digit Surveyor General Code for each farm portion	F02000000000055800000
Locality map	Attach a locality map at a **scale not smaller than 1:250 000 as Appendix 2** 
Description of the overall activity. **(Indicate Mining Right, Mining Permit, Prospecting Right, Bulk Sampling, Production Right, Exploration Right, Reconnaisance Permit, Technical Co-operation Permit, Additional listed activity.**	Mine permit through open cast mining using the following methodology Mining blocks of 20 x 20 meters will be excavated and screened to remove boulders and larger stones to obtain a soil material and stockpiled for processing. Before processing the soil material is further screened in a wet screen to obtain the -2 mm sand for washing while the +2 mm is stored for rehabilitation purposes. During processing the sand is washed in a sand-screw wash plant to remove all the silt and other impurities. The clean sand obtained is stored to dry before final screening of the product into +0.5, -2 mm coarse sand and +0.25, -0.5 mm medium sand. The fine sand is discarded on the waste dump for final rehabilitation purposes. The waste materials is stored within a silt dam till it is treated in a dewatering screen to remove the water for re-use within the washing plant while the silt, clay and alluvium is stored on the waste dump with the fine sand for final rehabilitation of the area.

	The rehabilitation of the area forms an integral part of the activities and will be done continuously to ensure cost effective and successful mining operations. The boulder/larger stone material with the surplus from the wet screens will be backfilled into the fully excavated areas until all the waste material have been depleted and sloping the sides of the remaining excavation to less than 30° to create a safe post mining state. Once backfilling is completed the mixture of fine sand, silt, clay and alluvium (combined as soil) will be evenly spread to finalize the rehabilitation of the area. After rehabilitation has been finalized a two to three year maintenance programme is initiated. All rehabilitated areas will be regularly checked for invader species. If such species are found they will be removed to ensure successful revegetation of indigenous plant species.

5. ACTIVITIES TO BE AUTHORIZED

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

(For an application for authorization that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated. Please note that any authorization that may result from this application will only cover activities specifically pertaining to this application must be indicated. Please not that any authorization that may result from this application will only cover activities specifically applied for). (Attached 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**).



ACTIVITY	FOOTPRINT
Mining	< 5 ha
Excavation	0.08 ha
Topsoil	
Overburden	0.04 ha
Stockpiles	0.04 ha
Waste dumps	0.04 ha
Settling dams	0.12 ha
Water storage dam	0.12 ha
Office site	0.0008 ha
Processing site	0.04 ha
Ablution facility	0.0008 ha
Temporary workshop	0.0025 ha
Storage facility	0.0025 ha
Vehicle parking	0.0308 ha
Diesel storage	0.0025 ha
Domestic waste facility	0.0008 ha
Access and hauling road	0.2 ha

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 m²**	**LISTED ACTIVITY** (Mark with an **X** where applicable or affected).	**APPLICABLE LISTING NOTICE** **(GNR 544, GNR 545 OR GNR 546)**	**WASTE MANAGEMENT AUTHORIZATION** (Indicate whether an authorization is required in terms of the Waste Management Act). **(Mark with an X)**
Mining				
Excavation	Total: <5 ha Per site: 0.08 ha	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	
		X	NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	
		X	NEMA 2017, GNR 327, Listed 1, Activity 27: The clearance of any area of 1 hectares or more, but less than 20 hectares of indigenous vegetation.	
Topsoil		X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	

		X	NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	
Overburden	0.04	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	
		X	NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	
Stock piles	0.04	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	
		X	NEMWA GNR 633, Category A, Activity 15: The continuous establishment and reclamation of temporary stockpiles resulting from activities which require a mining permit	X
		X	NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	

Waste dumps	0.04	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	
		X	NEMWA GNR 588, Category B, Activity 13: Inert waste … (c) discarded soil, stones …	X
		X	NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	
Settling dams	0.12 ha	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	
		X	NEMWA GNR 588, Category A, Activity 18: Waste resulting from … mining … waste from physical … processing of non-metalliferous minerals	X
		X	NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	

Water storage dam	0.12 ha	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	
		X	NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	
Office site	0.0008 ha	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	
		X	NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	
Processing site	0.04	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (b) the primary processing of a mineral resources including winning, extraction, classifying, concentrating, crushing, screening or washing …	
		X	NEMWA GNR 588, Caterogry B, Activity 11: Building and demolition waste … (e) other building and demolition waste	X

		X	NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	
Ablution Facility	0.0008 ha	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	
Temporary workshop facility	0.0025 ha	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	
		X	NEMWA GNR 588, Category A, Activity 12: Oil wastes and wastes of liquid fuels … (a) waste hydraulic oils … (b) waste engine, gear and lubricating oils … (d) oil/water separator contents	X
		X	NEMWA GNR 588, Category B, Activity 13: Inert waste … (a) discarded concrete …	X
		X	NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	

Storage facility	0.0025 ha	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	
		X	NEMWA GNR 588, Category B, Activity 13: Inert waste … (a) discarded concrete …	X
		X	NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	
Vehicle storage	0.0308 ha	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	
		X	NEMWA GNR 588, Category A, Activity 12: Oil wastes and wastes of liquid fuels … (a) waste hydraulic oils … (b) waste engine, gear and lubricating oils … (d) oil/water separator contents	X
		X	NEMWA GNR 588, Category B, Activity 13: Inert waste … (a) discarded concrete …	X
		X	NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	

Diesel storage	0.0025 ha	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	
		X	NEMWA GNR 588, Category A, Activity 12: Oil wastes and wastes of liquid fuels … (d) oil/water separator contents.	X
		X	NEMWA GNR 588, Category B, Activity 13: Inert waste … (a) discarded concrete …	X
		X	NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	
Domestic waste facility	0.0008 ha	X	NEMA 2017, GNR 327, Listed 1, Activity 21: Any activity including the operation of that activity which requires a mining permit … (a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource …	
		X	NEMWA GNR 588, Category B, Activity 12: Domestic waste … (b) municipal waste	X
Access road and hauling road	0.2 ha	X	NEMA 2017, GNR 327, Listed 1, Activity 24: The development of a road … (ii) … where no reserve exist where the road is wider than 8 meters	
		X	NEMA 2017, GNR 327, Listed 1, Activity 56: The widening of a road by more than 6 meters … (ii) where no	

		X	reserve exists, … NEMA 2017, GNR 327, Listed 1, Activity 22: The decommissioning of any activity … (i) a closure certificate in terms of Section 43 of the MPRDA	

6. PUBLIC PARTICIPATION

(Provide details of the public participation process proposed for the application as required be 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 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 meters of the area be consulted?	N/A	
Will Authorities responsible for public roads or railway lines within 100 meters of the area applied for be consulted?	N/A	
Will Authorities responsible for any other infrastructure within 100 meters 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 interest (whether it be socio-economic, cultural, heritage or environmental) will be affected by the proposed mining / prospecting project?	X	
Other, Specify	Consultation with the South African Heritage Resources Agency and the Land Commissioner for regarding registered heritage sites or land claims that may be involved in the project	

6.1.2 DETAILS OF THE ENGAGEMENT PROCESS TO BE FOLLOWED

Steps to be taken to notify interested and affected parties (Describe the process to be undertaken to consult interested and affected parties including public meetings and 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 5**.)	**PROVIDE DESCRIPTION HERE** Once the application for a Mining Permit and Environmental Authorization has been accepted and notice thereof received in terms of the MPRDA, 2002 all interested and affected parties will be notified and consulted in the following order:- • Written notices with all necessary information provided. • Newspaper advertisements (one local and one district) inviting general public to register as an interested or affected party in order to receive needed information • Notice will be published on consultant's webpage for easy access to information • All written responses will be answered in writing • Notice of public meetings at least 14 days prior to scheduled date • One-on-One meetings with the identified farm owner, lawful occupier of land and should it be deemed necessary with farm owner / lawful occupier of the neigbouring farms. Attached as Appendix 5 is samples of the notices to be provided to the identified Interested and / or Affected parties.
Information to be provided to Interested and Affected Parties.	**Compulsory** • The site plan • List of activities to be authorized • Scale and extent of activities to be authorized • Typical impacts of activities to be authorized (e.g. surface disturbance, dust, noise, drainage, fly rock etc.) • The duration of the activity • 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.)
	Other, specify: • Regulation 2.2 plan as submitted with the application for a Mining Permit at the DMR

Information to be required from Interested and Affected Parties.	**Compulsory** • To provide information on how they consider that the proposed activities will impact on them or their socio-economic conditions. • To provide written responses stating their suggestions to mitigate the anticipated impacts of each activity • To provide information on current land uses and their location within the area under consideration • 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. • 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.
	Other, specify: • To indicate whether or not they have an objection, comment or approval in regard to the proposed project • To provide information on how they regard the existing status of the biophysical, socio-economic, cultural and heritage environment

7. DESCRIPTION OF THE ASSESSMENT PROCESS TO BE UNDERTAKEN

ITEM	DESCRIPTION
Environmental attributes. Describe how the Environmental attributes associated with the development footprint will be determined.	Environmental attributes will be determined through the following: • Desktop studies on information already available on the consultant's database • Information provided by the consulted Interested and/or Affected parties during the public consultation process • Arranged field visit with the authorization of the land owner or lawful occupier
Identification of impacts and risks. (Describe the process that will be used to identify impacts and risks.)	The process to be followed for identifying potential impacts and risks will be done by determining any impact that each aspect of the operations may have on the surrounding environment and studying the impacts identified by the consulted Interested and/or Affected parties.
Consideration of alternatives. 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	Any alternative identified and considered will be through the following: • Environmental sensitivity and current land use • Consultation with Affected parties • Determination of least vulnerable area for environmental degradation

Process to assess and rank impacts. Describe the process to be undertaken to identify, assess and rank the impacts and risks each individual activity	Assessment and ranking of potential impacts will be done with consideration towards the following • Environmental sensitivity and location of the project area • Nature and size of project • Actual footprint of the project in relation to the project area • Duration of the project and individual activities The significance of impacts is evaluated as follows. • Severity o Low negative impact – indicates a state of 'calmness' concluding that the effect the operations may have on the environment is so insignificant that the wellbeing of the environment or any individual will not be degraded or prohibited o Medium negative impact – describes a state of 'manageable stress', giving the idea of that the effect of the operations on the environment is significant enough to cause tolerable disturbance to the wellbeing or overall conditions of the environment of any individual o High negative impact – indication a state of 'high stress', meaning that the effect of the operations on the environment is so significant that the wellbeing and overall conditions of the environment or any individual will be degraded or prohibited. • Duration o Short-term –rated as a period less than 2 years and is indicated as a low impact o Medium-term – rated as the period between 2 and 5 years and indicated as a medium impact. o Long-term – rated as any period exceeding 5 years and indicated as a high impact. • Spatial Scale o Localized – the disturbance occurs within a radius of 500m from point of existence and indicates as low impact o Fairly widespread – the disturbance is carried over a short distance, between 500m and 1km radius from point of existence and indicated as medium impact. o Widespread – disturbance exercise a negative effect over an area greater than 1 km radius from point of existence and indicated as high impact.

	• Consequence
	  ○ Low consequence – meaning that the probability of cumulative impact occurrence is minimal with little to no lasting effects and is indicated as low impact.
	
	  ○ Medium consequence – meaning that the probability of cumulative impact occurring exist with a moderate, short-term lasting effect and is indicated as medium impact.
	
	  ○ High consequence – meaning that the probability of cumulative impact occurrence is absolute with a short to medium-term lasting effect and indicated as high impact.
	
	• Significance
	  ○ Low overall significance – the disturbance caused by the impact is minimal with an excellent probability for total recovery after operations ceased.
	
	  ○ Medium overall significance – the disturbance caused by the impact is moderate with a good chance for total recovery over an intermediate period after operations ceased.
	
	  ○ High overall significance – the disturbance cause by the impact is severe with a poor to no probability for recovery after operations ceased.

Contribution of specialist reports. Describe how specialist reports, if required, will be taken into consideration and inform the impact identification, assessment and remediation process.	Most specialist studies are needed in order to investigate the potential environmental impacts associated with the mining activities, while other more technical specialist are needed to provide strategies and technical specifications for infrastructure that could potentially alleviate impact on the environment. Terms of reference for each of these studies are unique, but include the identification and delineation of respective environmental attributes, assessing the state of these attributes, identifying potential impacts relating to these attributes and making recommendations regarding mitigation measures and legal requirements. The following aspects of the environment as a whole will be considered in the baseline studies. • Surface water and groundwater • Fauna and Flora • Heritage

Determination of impact management objectives and outcomes. Describe how impact management objectives will be determined for each activity to address to potential impact as source, and how the impact management outcomes will be aligned with standards.	Impact management objectives will be done through mitigation, management or avoidance measures. The determination of these measures will be done through looking at every aspect of the mining activities and mining related activities with the possible impacts that may result. Each of these identified possible impacts will then be rated in severity and probability from which the measures will be determined to which will minimize the severity of the impact per activity. The following will be considered (but are not limited to) for guidance in determining the impact management objectives: • The applicant's institutional objectives, policies and practice • Impact management objectives from specialist reports • The various relevant national and Provincial Acts and Regulation • The general objectives of integrated environmental management laid down in the NEMA, ensuring that environmental considerations are fully integrated into all stages of the development process in order to achieve a desirable balance between conservation and development • The sustainable development objectives of the MPRDA • South African National Standard • Industry best practice guidelines • Resource water quality objectives • Applicable environmental quality objectives. • Closure objectives.

8. OTHER AUTHORIZATIONS REQUIRED

LEGISLATION	Mark with an X where applicable			
	AUTHORIZATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
SEMAs				
National Environmental Management Act: Air Quality Act		**X**		
National Environmental Management: Biodiversity Act		**X**		
National Environmental Management: Integrated Coastal Management Act		**X**		
National Environmental Management: Protected Areas Act		**X**		
National Environmental Management: Waste Act		**X**		
National legislation				
Mineral Petroleum Resources Development Act (Act 28 of 2002) as Amended	**X**		**X**	
National Water Act.1998 (Act 36 of 1998)		**X**		
National Heritage Resources Act (Act 25 of 1999)		**X**		
Others: Please specify				

Please provide proof of submission of application in **Appendix 6**.

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

ACTIVITIES **(E.g. for prospecting –** drill site, ablution facility, accommodation, equipment storage, sample storage, sit office, access rout **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.**)	**PHASE** (of operation in which activity will take place) State; Planning and design, Pre-Construction; Construction; Operational; Rehabilitation Closure, Post closure	**SIZE AND SCALE** (of Disturbance) (volumes, tonnages and hectares or m²)	**TYPICAL MITIGATION MEASURES** (E.g. storm water control, dust control, noise control, access control, rehabilitation etc … etc …)	**COMPLIANCE WITH STANDARDS** (A description of how each of the recommendations herein will comply with any prescribe environmental management standard or practices that have been identified by competent Authorities.
Mining				
Excavation	Construction	Total: <5 ha Per site: 0.08 ha	Restriction to roads Vegetation clearing control Rehabilitation	• Avoiding vegetation loss and ground compaction • Minimizing unnecessary vegetation loss • Remedying disturbed areas to promote vegetation regrowth
	Operational		Vegetation control Dust control Noise control Chemical management Waste management	• Avoid vegetation loss and ground compaction • Health and Safety as well as NEMA requirement ensuring good air quality and preventing lung illnesses • Minimizing noise disturbance having an impact on humans and fauna • Prevent soil pollution and ground sterilization • Avoid scenery degradation and animal suffering

			Safety control Rehabilitation	• Health and Safety requirements for a safe work environment • Prevent erosion and promote vegetation regrowth.
	Decommissioning		Rehabilitation Chemical management	• Remedy compacted areas to prevent erosion and promote vegetation growth • Prevent soil pollution and ground sterilization
	After closure		Monitoring programme	• Environmental closure objective to create a sustainable environment after operations
Topsoil and Overburden	Construction	? 0.04 ha	Vegetation loss control	• Minimizing unnecessary vegetation loss
	Operational		Vegetation loss control Waste management Safety control	• Minimizing unnecessary vegetation loss • Prevent possible fauna suffering and scenery degradation • Preventing fauna and human injury
	Decommissioning		Rehabilitation	• Prevent erosion, ground compaction and promote vegetation regrowth
	After closure		Monitoring programme	• Environmental closure objective to create a sustainable environment after operations
Stock piles	Construction	0.04 ha	Vegetation loss control	• Minimizing unnecessary vegetation loss
	Operational		Vegetation loss control Waste management Safety control	• Minimizing unnecessary vegetation loss • Prevent possible animal suffering and scenery degradation • Preventing fauna and human injury
	Decommissioning		Rehabilitation	• Prevent erosion, ground compaction and promote vegetation regrowth
	After closure		Monitoring programme	• Environmental closure objective to create a sustainable environment after operations
Waste dumps	Construction	0.04 ha	Vegetation loss control	• Minimizing unnecessary vegetation loss
	Operational		Vegetation clearing control Waste management Safety control	• Minimizing unnecessary vegetation loss • Prevent possible animal suffering and scenery degradation • Preventing fauna and human injury
	Decommissioning		Rehabilitation	• Prevent erosion, ground compaction and promote vegetation regrowth

	After closure		Monitoring programme	• Environmental closure objective to create a sustainable environment after operation
Settling dam	Construction	0.012 ha	Vegetation clearing control Safety control	• Minimizing unnecessary vegetation loss • Prevent animal and/or human injury and/or loss of life
	Operational		Vegetation loss control Waste water management Safety control	• Minimizing of vegetation loss • Water reticulation and conservation as well as scenery degradation • Prevent animal and human injury and/or loss of life
	Decommissioning		Rehabilitation Waste water management	• Promote vegetation regrowth • Safe return of clean water to environment
	After closure		Monitoring programme	• Environmental objective to create a sustainable environment after operations
Water storage dam	Construction	0.012 ha	Vegetation clearing control Safety control	• Minimizing of vegetation loss • Prevent animal and/or human injury and/or loss of live
	Operational		Vegetation loss control Water management Safety control	• Minimizing of vegetation loss • Water conservation • Prevent animal and human injury and/or loss of life
	Decommissioning		Rehabilitation Water management	• Promote vegetation regrowth • Safe return of water to environment
	After closure		Monitoring programme	• Environmental closure objective to create a sustainable environment after operations
Office site	Construction	0.0008 ha	Vegetation clearing control Safety control	• Prevent unnecessary vegetation loss • Regulatory requirement – signs to indicate function • Prevent animal injury and loss
	Operational		Dust control Waste management Safety control	• Prevent air quality degradation • Prevent possible animal injury and scenery degradation • Fire prevention
	Decommissioning		Rehabilitation Waste management	• Prevent erosion and promote vegetation establishment • Avoid ground sterilization and disturbance of vegetation regrowth
	After closure		Monitoring programme	• Environmental closure objective to create a sustainable environment after closure

Processing plant	Construction	0.04 ha	Vegetation loss control Safety control	• Prevent unnecessary vegetation loss • Health and Safety requirement – preventing employee injury
	Operational		Vegetation loss control Dust control Noise control Waste management Chemical management Safety control	• Prevent unnecessary vegetation loss • Health and Safety as well as NEMA requirement ensuring good air quality and preventing related lung diseases • Health and Safety requirements preventing hearing loss of employees, and impact on residents and fauna • Prevent possible animal injury and scenery degradation • Prevent soil pollution and ground sterilization • Health and Safety requirement, preventing employee injury and fire incidents
	Decommissioning		Rehabilitation Waste management	• Prevent erosion and promote vegetation establishment • Avoid ground sterilization and disturbance of vegetation regrowth
	After closure		Monitoring programme	• Environmental closure objected to create a sustainable environment after closure
Ablution Facility	Construction	0.0008 ha	Vegetation loss control Waste management	• Prevent unnecessary vegetation loss • Prevent soil and groundwater contamination
	Operational		Waste management Safety control	• Health and Safety related – prevent spillage and ground contamination • Prevent possible animal suffering and scenery degradation • Health and Safety issue – avoid the spreading of human diseases and parasites • Regulatory requirement to indicate function and hygiene measures
	Decommissioning		Rehabilitation Waste management	• Prevent degradation of environmental health • Rehabilitation standard ensuring the correct and successful waste and waste water management procedures
	After closure		Monitoring programme	• Closure objective to create a sustainable environment after operations

Vehicle storage	Construction	0.0408 ha		• A demarcated fenced-off area away from the operational site will be cleared for vehicle storage and parking
	Operational			• Areas must be continuously inspected for spillages and remedied. Drip-pans will be readily available and no parked heavy vehicle will be without a drip pan • Daily checking of oil/diesel leakages before vehicle is operated • Littering of any product, including cigarette buds, at this site shall be seen as an offence and will not be tolerated.
Temporary workshop	Construction	0.0025 ha	Vegetation loss control Waste management Safety control	• Minimizing vegetation loss and promote preservation of species • Legislative standards as well as measures to prevent soil pollution and sterilization of ground • Legislative requirements to avoid employee injury
	Operational		Dust control Waste management Chemical management Safety control	• Prevent and/or minimize dust upliftment, protecting the air quality as far as possible • Avoid possible animal suffering and scenery degradation • Chemical control and avoiding ground contamination • Preventing fires that may lead to run-away fires causing severe vegetation loss
	Decommissioning		Rehabilitation Waste management	• Rehabilitation needs to comply with closure objectives • Avoid ground sterilization and/or disturbance of vegetation regrowth
	After closure		Monitoring programme	• Environmental closure objective to create a sustainable environment after operations
Storage facility	Construction	0.0025 ha	Vegetation loss control Safety control	• Minimize unnecessary vegetation loss and preservation of species • Legislative requirement to avoid employee injury
	Operational		Chemical management	• Chemical storing protocol, indicating danger and remediation steps, avoiding spillage and ground contamination

			Waste management Safety control	• Waste handling protocol minimizing environmental risk and ensuring the correct handling of specific chemicals • Legislative requirement to avoid chemical burns and employee injury • Avoid fire hazards as some chemicals may react with each other and/or is flammable
	Decommissioning		Rehabilitation Waste management	• Avoid environmental contamination • Rehabilitation requirements to comply with closure objectives • Legislative standards regarding the removing and disposal of chemicals
	After closure		Monitoring programme	• Closure objective to create a sustainable environment after the operations
Vehicle parking area	Construction	0.0308 ha	Vegetation clearing control Safety control	• Minimizing unnecessary vegetation loss and promote species conservation • Regulatory requirement avoiding accidents and employee injury
	Operational		Chemical management Waste management Safety control	• Avoid hydro-carbon fluid spillage causing ground sterilization. • Minimize the probability of soil pollution, ground sterilization and/or vegetation regrowth • Avoid environmental degradation, possible animal suffering and scenery loss • Preventing fires – fuel is highly flammable • Promote safety of employees and animals
	Decommissioning		Rehabilitation Chemical management	• Avoid ground sterilization, compaction, erosion and disturbance of vegetation regrowth • Legislative standards regarding the removing and disposal of chemicals
	After closure		Monitoring programme	• Environmental closure objective to create a sustainable environment after closure

Diesel storage	Construction	0.0025 ha	Vegetation loss control Chemical management Safety control	• Minimizing unnecessary vegetation loss • Avoid hydro-carbon fluid spillage causing ground sterilization which can lead to erosion and loss of animal life and vegetation • Regulatory requirement avoiding accidental injury
	Operational		Vegetation loss control Chemical management Safety control	• Avoid vegetation loss, ground compaction and contamination • Minimize the probability of soil pollution, ground sterilization and/or vegetation regrowth • Preventing fires – fuel is highly flammable • Promote safety of employees and animals
	Decommissioning		Rehabilitation Chemical management	• Avoid ground sterilization, compaction, erosion and disturbance of vegetation regrowth • Rehabilitation needs to be done to comply with closure objectives
	After closure		Monitoring programme	• Environmental closure objectives to create a sustainable environment after closure
Domestic waste facility	Construction	0.0008 ha	Vegetation loss control Waste management	• Minimizing the vegetation loss • Avoid windblown litter and/or protection against scavengers
	Operational		Waste management	• Avoid windblown litter and/or protection against scavengers • Waste handling protocol minimizing environmental degradation
	Decommissioning		Rehabilitation Waste management	• Managing vegetation regrowth and promote indigenous species establishment • Rehabilitation needs to be done to comply with closure objectives
	After closure		Monitoring programme	• Environmental closure objective to create a sustainable environment after operations

Access and hauling roads	Construction	0.2 ha	Vegetation loss control Safety control	• Avoid unnecessary environmental disturbance, vegetation and animal loss • Avoid using foreign materials • Regulatory requirement ensuring employee and public individual safety
	Operational		Vegetation loss control Dust control Waste management	• Avoid vegetation loss and ground compaction which can lead to ground erosion • Preventing and/or minimizing dust upliftment protecting the air quality as far as possible • Avoid possible animal suffering and scenery degradation
	Decommissioning		Rehabilitation Chemical management	• Remedying compacted areas to prevent erosion and promote vegetation regrowth • Avoid ground sterilization and/or disturbance of vegetation regrowth
	After closure		Monitoring programme	• Environmental closure objective to create a sustainable environment after operations.

10. CLOSURE PLAN

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.	
Baseline environment 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 though • Desktop studies on information already available on the consultant's database • Information provided by the consulted Interested and/or Affected parties during the public consultation process • Arranged field visit with the authorization of the land owner or lawful occupier
Closure objectives Describe the closure objectives and the extent to which they will be aligned to the baseline environment	The closure objectives are to create a post-mining state as close as possible to the pre-mining state of the environment. The area will be rehabilitated according the procedures to be stipulated in the Environmental Management Programme and to the satisfaction of the Department Mineral Resources and the land owner. Base objectives are: • To create a safe and health post mining environment o Safe mining areas - No potentially dangerous areas, secured if required o Limited residual environmental impact - Develop a landscape that reduces the re-requirement for long term monitoring and management - No surface and/or ground water contamination - Waste management practices not creating or leaving legacies • To create a stable, free draining post-mining landform, which is compatible with the surrounding landscape o Economically viable and sustainable land, as close as possible to its natural or pre-mined state - Prepare area to promote natural re-establishment of vegetation that is self-sustaining, perpetual and provides a sustainable habitat for local fauna and successive flora species. • To provide optimal post-mined social opportunities o Optimize benefits for the social environment o Minimal negative aesthetic impact

Rehabilitation Plan 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.	The total aerial extent for the mining activities to be authorized and rehabilitated is 4.9554 hectares in extent, but only 0.7207 hectares of disturbance will occur during any time period. As rehabilitation is planned as an integral part of the mining activities final rehabilitation during decommissioning of the project will be minimal and rehabilitation cost less costly. • Mine activities as a whole is foreseen to have a total footprint of 0.32 ha (Excavation – 0.08 ha, Overburden – 0.04 ha, Stockpiles – 0.04 ha, Waste dumps 0.04 ha and Settling dam 0.12 ha) at any given time. As rehabilitation forms an integral part of the operations and a given mine block will be mined separately and the disturbed area rehabilitated. From commencement of a mine block to the following mine block, the actual footprint of the activity at any given time period will not exceed: o Excavation : < 800 m^2 o Overburden dump : < 400 m^2 o Stock piles : < 400 m^2 o Waste dumps : < 400 m^2 o Settling dam: <1 200 m^2 • The water storage dam (1 200 m^2) will be active for the duration of the mining and processing activities. Rehabilitation of this facility will include the safe return of the water to the environment, the removal of all materials where after the compacted is ripped and rehabilitated. • Office site (8 m^2) will be active for the duration of the activity. Rehabilitation of this will include the removal of all infrastructure where after the compacted area is ripped and rehabilitated. • Processing site (400 m^2) will be constructed before the commencement of the mine activities and will be active for the duration of the mine. Rehabilitation of this will include the removal of all infrastructure where after the compacted area is ripped and rehabilitated. • Ablution facilities (8 m^2) is installed before mining operations start and active till the decommissioning of the mine. On commencement of the mine activities and implementation of related compulsive infrastructure will the ablution facilities installed in the vicinity of the office site where it will remain stationary till the decommissioning of the project. Ablution contractors will be used to facilitate in the removal of these structures and the compacted area ripped and rehabilitated.

	• Temporary workshop (25 m²) is a barnlike structure, constructed before the commencement of the mine activities as will be active for the duration of the mine. Rehabilitation of this will include the removal of all infrastructure where after the compacted area is ripped and rehabilitated. • Storage facility (25 m²) a lockable room which is constructed before the commencement of the mine activities and will be active for the duration of the mine. Specialist contractors will be used for facilitate in the removal of the chemicals and stored items. Rehabilitation of this will include the removal of all infrastructure where after the compacted area is ripped and rehabilitated. • The vehicle storage area (0.0308 ha) is designed to house designated vehicle parking (0.02 ha), concrete constructed wash bay (0.006 ha), and an auto-parts storage facility (0.0048 ha). These mentioned facilities will be implemented during the construction phase of the mining activities and decommissioned during closure of the project. Rehabilitation entails the decommissioning and removing of all infrastructure, where after the area as a whole is ripped and rehabilitated. • The diesel storage facility (25 m²) will be active for the duration of the mining activity. The footprint will house the diesel bay containing tank volume plus 10%, with tank (0.0018 ha) and re-fueling floor. Rehabilitation of this include the removal of all infrastructure where after the compacted area is ripped and rehabilitated. • The domestic waste facility (8 m²) will be a fenced-off area demarcated and implemented during the construction phase of the mining activities. During rehabilitation will be area be cleared of the waste bin as well as any litter that may exist within the enclosure. Only after the enclosed area has been cleaned up will the fencing material be removed and the area rehabilitated according set standard identified during the Impact Assessment process. • All access (2 000 m²) and mine roads will be ripped and rehabilitated during the decommissioning of the project.

Rehabilitation Cost

Describe how the rehabilitation cost will be determined and provide a preliminary estimate thereof.

Method for determining financial provision.

- An applicant must determine the financial provision through a detailed itemization of all activities and costs, calculated based on the actual cost of implementation of the measures required for –
  - Annual rehabilitation as reflected in an annual rehabilitation plan
  - Final rehabilitation, decommissioning and closure of the mining or production operations at the end of the life of operations, as reflected in a final rehabilitation, decommissioning and mine closure plan; and
  - Remediation of latent or residual environmental impacts which may become known in the future, including the pumping and treatment of polluted or extraneous water, as reflected in an Environmental Risk Assessment Report.

- Preparation and submission of plans and reports
  - The annual rehabilitation plan contemplated in Regulations 6(a) and 11(1)(a) must contain all information set out in Appendix 3 of the Regulations
  - The final rehabilitation,, decommissioning and mine closure plan contemplated in Regulation 6(b) and 11(1)(b) must contain all information set out in Appendix 4 of the Regulations
  - The environmental Risk Assessment Report contemplated in Regulations 6(c) and 11(1)(c) must contain all information set out in Appendix % of the Regulations
  - An applicant and holder of a right or permit must include the sum of the financial provision and an indication of how the sum was determined in the Environmental Management Programme.

CALCULATION OF THE QUANTUM

Applicant: PITSO 7STAR SAND EN KLIP (PTY) ltd

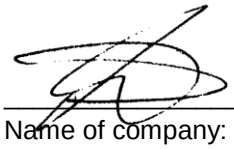
Location: BOSPOORT 558

Date: Feb-19

No.	Description	Unit	A Quantity	B Master Rate	C Multiplication factor	D Weighting factor 1	E=A*B*C*D Amount (Rands)
1	Dismantling of processing plant and related structures (including overland conveyors and powerlines)	m3	400	R 16.40	1	1	R 6 560.00
2 (A)	Demolition of steel buildings and structures	m2	25	R 228.40	1	1	R 5 710.00
2(B)	Demolition of reinforced concrete buildings and structures	m2	158	R 336.59	1	1	R 53 181.22
3	Rehabilitation of access roads	m2	2 000	R 40.87	1	1	R 81 740.00
4 (A)	Demolition and rehabilitation of electrified railway lines	m		R 396.70	1	1	R -
4 (A)	Demolition and rehabilitation of non-electrified railway lines	m		R 216.38	1	1	R -
5	Demolition of housing and/or administration facilities	m2	8	R 456.80	1	1	R 3 654.40
6	Opencast rehabilitation including final voids and ramps	ha	0.08	R 232 488.77	1	1	R 18 599.10
7	Sealing of shafts adits and inclines	m3		R 122.62	1	1	R -
8 (A)	Rehabilitation of overburden and spoils	ha	0.12	R 159 640.69	1	1	R 19 156.88
8 (B)	Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential)	ha	0.12	R 198 829.59	1	1	R 23 859.55
8 (C)	Rehabilitation of processing waste deposits and evaporation ponds (polluting potential)	ha		R 577 495.38	1	1	R -
9	Rehabilitation of subsided areas	ha	0.14	R 133 675.03	1	1	R 18 714.50
10	General surface rehabilitation	ha	0.0016	R 126 462.35	1	1	R 202.34
11	River diversions	ha		R 126 462.35	1	1	R -
12	Fencing	m		R 144.25	1	1	R -
13	Water management	ha	0.24	R 48 084.54	1	1	R 11 540.29
14	2 to 3 years of maintenance and aftercare	ha	0.9607	R 16 829.59	1	1	R 16 168.19
15 (A)	Specialist study	Sum				1	R -
15 (B)	Specialist study	Sum				1	R -
						Sub Total 1	R 259 086.48

1	Preliminary and General	R 31 090.38	weighting factor 2 1	R	31 090.38
2	Contingencies	R 25 908.65		R	25 908.65
			Subtotal 2	R	316 085.50
			VAT (15%)	R	44 251.97
			Grand Total	R	**360 337.47**

	Although the total financial quantum calculates to R 360 337.47 it is rather advised that the payable financial quantum is **R 180 338.00** considering the type and scale of the mining operations with the possible duration of the activities.
Decommissioning 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 prosecting or mininng activity	Rehabilitation occurs simultaneously with the mining activities as far possible. During the mining activities will backfilling start once the excavation is mined to such an extent that it is possible for rehabilitation. • The waste material from the processing site is used for backfilling of excavation. • Once all the material available for backfilling has been depleted, the mine will slope the remaining excavation sides to less than 30° to create a safe post mining environment. • The rehabilitated area will be continuously inspected for invader species and removed on to ensure a successful re-growth of indigenous vegetation. All other listed activities will be removed and the areas rehabilitated before closure of the project.



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Name of company: **Pitso 7Star Sand en Klip (Pty) Ltd**
Date: **7 February 2019**

APPENDIX 1
DECLARATION OF THE EAP

I, **LINDIE WIEHAHN**, declare that –

General declaration:

- I act as the independent environmental practitioner in this application
- I will perform the work relation 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 interest 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 produces 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 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 24(f) of the Act.

Disclosure of Vested Inters (delete whichever is not applicable)

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

- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~

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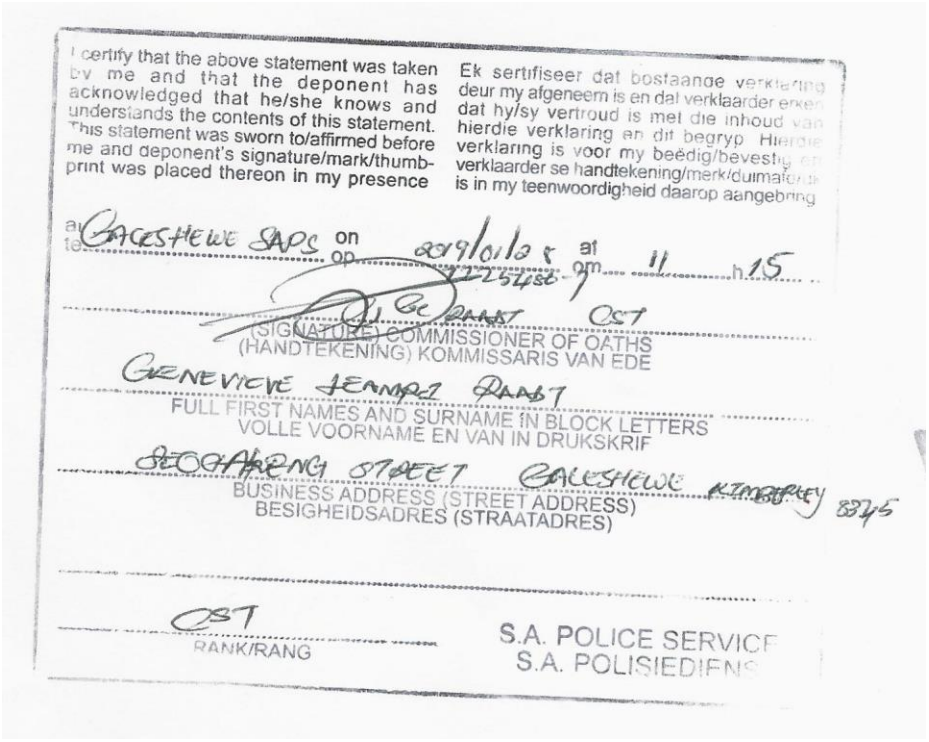
Signature of the Environmental Assessment Practitioner
Name of company: **LW CONSULTANTS**
Date **7 February 2019**


I certify that the above statement was taken by me and that the deponent has acknowledged that he/she knows and understands the contents of this statement. This statement was sworn to/affirmed before me and deponent's signature/mark/thumb-print was placed thereon in my presence

Ek sertifiseer dat bostaande verklaring deur my afgeneem is en dat verklaarder erken dat hy/sy vertroud is met die inhoud van hierdie verklaring en dit begryp. Hierdie verklaring is voor my beëdig/bevestig en verklaarder se handtekening/merk/duimafdruk is in my teenwoordigheid daarop aangebring

at GRACESHEWE SAPS on 2019/01/13 at 11h15

(SIGNATURE) COMMISSIONER OF OATHS
(HANDTEKENING) KOMMISSARIS VAN EDE

GENEVIEVE JEANNE QUANT
FULL FIRST NAMES AND SURNAME IN BLOCK LETTERS
VOLLE VOORNAME EN VAN IN DRUKSKRIF

BEECHARRY STREET GRACESHEWE KIMBERLEY 8345
BUSINESS ADDRESS (STREET ADDRESS)
BESIGHEIDSADRES (STRAATADRES)

OST
RANK/RANG

S.A. POLICE SERVICE
S.A. POLISIEDIENS