



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).

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 type="checkbox"/>
NEMA BAR application on its own	R 2 000.00	<input checked="" 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:	THAYA TRADING ENTERPRISE CC		
Registration no (if any):	200906285823		
Trading name (if any):	KWINDLA NOBAZA		
Responsible Person, (e.g. Director, CEO, etc.):			
Contact person:	9705 EERSTE LAAN, ROOISAND, KATHU		
Physical address:	9705 EERSTE LAAN, ROOISAND, KATHU		
Postal address:	KHNOBAZA@GMAIL.COM		
Postal code:	8446	Cell:	071 959 9207
Telephone:		Fax:	
E-mail:			

3. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

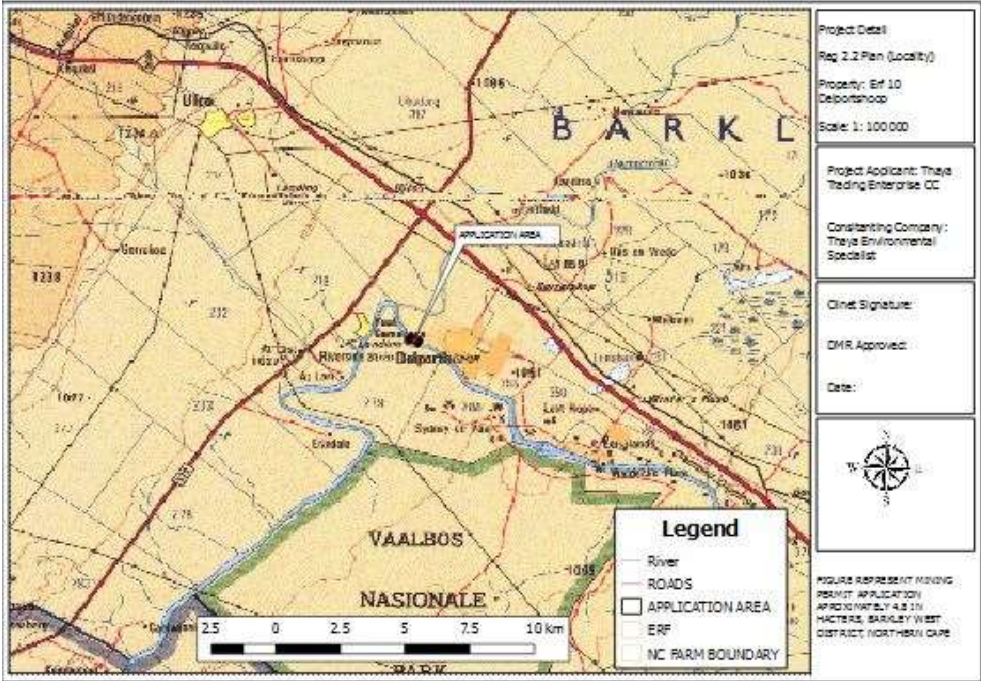
EAP:	ZANDILE DWANE		
Professional affiliation/registration:	SOUTH AFRICAN COUNCIL FOR NATURAL SCIENTIST PROFESSIONS AMERICAN ASSOCIATION OF PETROLEUM GEOLOGIST		
Contact person (if different from EAP):			
Company:			
Physical address:	1638 ZONE 1, EZIBELENI, QUEENSTOWN		
Postal address:	1638 ZONE 1, EZIBELENI, QUEENSTOWN		
Postal code:	5326	Cell:	0832657992
Telephone:	0478735956	Fax:	
E-mail:	kamvisto@gmail.com		

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**. **Appendix 1 attached**

4. PROJECT DESCRIPTION

Farm Name:	A certain piece of land of Erf 10, Delpportshoop, Barkley West
Application area (Ha)	4.8
Magisterial district:	Barkley West
Distance and direction from nearest town	The application area is situated on the small piece of ground in erf 10 delpportshoop, approximately 30 km NW of Barkley West town and approximately 65 km NW of Kimberley town
21 digit Surveyor General Code for each farm portion	C007000300000010000000

<p>Locality map</p>	<p>Attach a locality map at a scale not smaller than 1:250000 and attach as Appendix 2</p> 
<p>Description of the overall activity. (Indicate Mining Right, Mining Permit, Prospecting right, Bulk Sampling, Production Right, Exploration Right, Reconnaissance permit, Technical co-operation permit, Additional listed activity)</p>	<p>Mine permit through open cast mining using the following methodology</p> <ul style="list-style-type: none"> • Removing and separate storing of overburden and topsoil • Removing of gravel and stockpiled • Washing of gravel in a diamond pan, to obtain a concentrate of heavy materials • Recovery of diamonds from the concentrate • Puddle obtained is treated in a dewatering screen and excess water pumped into a settling dam from water is re-used and solid materials used for rehabilitation. • Rehabilitation by means of backfilling and spreading of topsoil • Monitoring of area to ensure vegetation re-growth

5. ACTIVITIES TO BE AUTHORISED

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

(For an application for authorisation indicated. Pleasethat involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indse 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	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY	APPLICABLE LISTING NOTICE	WASTE MANAGEMENT AUTHORISATION
<p>(E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc)</p> <p>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.)</p>		<p>(Mark with an X where applicable or affected).</p>	<p>(GNR 544, GNR 545 or GNR 546)</p>	<p>(Indicate whether an authorisation is required in terms of the Waste Management Act).</p> <p>(Mark with an X)</p>
Excavation	0.08	X	GNR 983, Listed 1, Activity 21	
Overburden	0.04	X	GNR 983, Listed 1, Activity 21	
Stock Pile	0.04	X	GNR 983, Listed 1, Activity 21	
Waste Dump	0.04	X	GNR 983, Listed 1, Activity 21	
Evaporation Dams	0.12	X	GNR 983, Listed 1, Activity 21	X

Berms	0.056		GNR 983, Listed 1, Activity 21	
Office Site	0.0025	X	GNR 983, Listed 1, Activity 21	
Ablution Facility	0.0008	X	GNR 983, Listed 1, Activity 21	
Vehicle Storage	0.0025	X	GNR 983, Listed 1, Activity 21	
Chemical Storage	0.0025	X	GNR 983, Listed 1, Activity 21	
Diesel Storage	0.0008	X	GNR 983, Listed 1, Activity 21	
Domestic Waste Facility	0.0008	X	GNR 983, Listed 1, Activity 21	X
Access RoadMine Road	0.4	X	GNR 983, Listed 1, Activity 21	
		X	GNR 983, Listed 1, Activity 21	

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?	XX	
Will a tribal authority or host community that may be affected be consulted?	X	
Will recipients of land claims in respect of the area be consulted?	X	
Will the landowners or lawful occupiers of neighbouring properties 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	N/A
Will Authorities responsible for public roads or railway lines within 100 metres of the area applied for be consulted?	N/A	N/A
Will authorities responsible for any other infrastructure within 100 metres of the area applied for be consulted? (Specify)	N/A	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	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 one on one consultations. NB the affected parties must be specifically consulted regardless of whether or not they attended public meetings. Photographs of notice boards, and copies of advertisements and notices notifying potentially interested and affected parties of the proposed application must be attached as Appendix)	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: <ul style="list-style-type: none"> • 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 14 days prior to scheduled date • One on One meetings with the identified farm owner, lawfull occupier of land and should it be deemed necessary with farm owner / lawfull occupier of the neighbouring towns. 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 <ul style="list-style-type: none"> • The site plan. • List of activities to be authorised • Scale and extent of activities to be authorised • Typical impacts of activities to be authorised (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)

	<p>Other, specify: Regulation 2.2 plan as submitted with the application for mining permit at the office of Mineral Resources, Kimberley.</p>
<p>Information to be required from Interested and Affected Parties.</p>	<p>Compulsory</p> <ul style="list-style-type: none"> • 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).
	<p>Other, Specify</p> <p><input type="checkbox"/> To indicate whether they have an objection, comment or approval in regard to the proposed project</p> <p><input type="checkbox"/> To provide information on how they regard the existing status of the biophysical, socio-economic, cultural and heritage environment</p>

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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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
Contribution of specialist reports Describe how specialist reports, if required, will be taken into consideration and inform the impact identification, assessment and remediation process.	The only specialist report that may become necessary during the authorization process is a First Phase Heritage Impact Assessment to be done through a registered Archaeologist. The necessity of this report will be determined by the South African Heritage Resources Agency upon consultation with this body and if found necessary requested. This Report will be incorporated into the entire study in identification of any heritage sites, the impact and ranking thereof that may result from the proposed activities as well as the identification of mitigation and remediation measures
Determination of impact management objectives and outcomes. 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.	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.

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8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	Mark with an X where applicable			
	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
SEMAS				

National Environmental Management: Air Quality Act		X		
National Environmental Management: Biodiversity Act		X		
National Environmental Management: Integrated Coastal Management Act		X		
National Environmental Management: Protected Areas Act		X		
National Environmental Management: Waste Act	X			
National legislation				
Mineral Petroleum Development Resources Act	X			
National Water Act	X			X
National Heritage Resources Act	X			X
Others: Please specify				

Please provide proof of submission of applications 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 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
<p>(E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc</p> <p>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.)</p>	<p>State; Planning and design, Pre-Construction' Construction, Operational, Rehabilitation, Closure, Post closure.</p>	<p>(volumes, tonnages and hectares or m²)</p>	<p>(Eg, storm water control, dust control, noise control, access control, rehabilitation etc...., etc....)</p>	<p>(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)</p>

				<p>noise disturbance to day light hours on week days ƒ</p> <p>The mine shall be responsible for compliance with the relevant legislation with respect to noise</p>
			Chemical Management	<p>No vehicle repairs and maintenance will occur within the operational area and are restricted to the workshop</p> <p>All vehicles used in operations will be parked during off</p> <p><input type="checkbox"/> time within the vehicle storage area and not on site All chemical spills will be rehabilitated immediately</p> <p><input type="checkbox"/></p>
			Waste Management	<p><input type="checkbox"/> Littering of any product, including cigarette buds, at any operational site shall be seen as an offence, and will not be tolerated</p> <p><input type="checkbox"/> The mine shall be responsible for any clean up resulting from the failure by his employees or suppliers</p> <p>The mine shall ensure that all suppliers and the delivery drivers are aware of procedures and restrictions in terms of this document</p> <p><input type="checkbox"/></p>
			Safety	<p><input type="checkbox"/> The mine entrance will be clearly marked with all regulatory signs, to indicate a potential dangerous zone</p> <p>Vehicles will be equipped with a red flag on a long enough rod to be easily observed by the heavy vehicle drivers and a roll bar.</p> <p><input type="checkbox"/> Hard hats, ear plugs, safety glasses, dust masks, gloves, hard point boots, refractory vests and overalls will be supplied and is compulsory before entering the mining area.</p> <p><input type="checkbox"/> All mining areas where driving occurs on a narrow potentially dangerous road, will be clearly marked with command / warning signs</p> <p><input type="checkbox"/></p>

			Traffic Management	
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				<input type="checkbox"/> Personnel need to be trained on Health and Safety
	<p>Rehabilitation</p> <p>Closure</p>			<p>matters in line with the Health and Safety act for mining and in handling and the remediation of chemical spills</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> A speed limit of 20 km/h for heavy vehicles and 40 km/h for light weight vehicles will be implemented Suppression of dust on the roads will occur by the spraying of chemical bounded/fresh water</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> Continuous rehabilitation will be done during the course of the project</p> <p><input type="checkbox"/> All chemical spills will be rehabilitated immediately</p> <p><input type="checkbox"/> Rip and rehabilitate all unused roads and access ways All erosion channels developed during the project period shall be back-filled and compacted and the areas restored to a proper condition Rehabilitation will be finalized by the planting of indigenous species, with regular inspections for the removal of invader / pioneer species.</p> <p><input type="checkbox"/></p> <p>A 2 to 3 year after-care plan is initiated to ensure a satisfying vegetation re-growth rate and the successful establishment of indigenous vegetation</p>
Topsoil	Operational	0.04ha		<input type="checkbox"/> Placed near the excavation site for final rehabilitation purposes
Overburden	Operational	0.04ha		<input type="checkbox"/> Placed near the excavation site for final rehabilitation

Stock Piles	Operational	0.04ha		<input type="checkbox"/> Placed near the excavation site for final rehabilitation
Waste Dumps	Operational	0.04ha		<input type="checkbox"/> Waste dumps will be stored and continuously used for backfilling of completed bulk sample excavations
Evaporation Dams	Operational	0.04		<input type="checkbox"/> Waste dumps will be stored and continuously used for backfilling of completed bulk sample excavations
Office Site	Construction	0.025ha		<input type="checkbox"/> All buildings will consist of appropriate signs indicating function and potential dangers <input type="checkbox"/> No indigenous shrubs or trees will be unnecessarily uprooted.
	Operational			
Plant Site	Construction	0.04ha		<input type="checkbox"/> Littering of any product, including cigarette duds, at this site shall be seen as an offence and will not be tolerated <input type="checkbox"/> Several sites will be identified and water tanks will be erected for safe human water consumption
	Operational			
				<input type="checkbox"/> All infrastructure will consist of appropriate signs indicating function and potential dangers <input type="checkbox"/> When working on equipment outside the workshop, the appropriate measures needs to be implemented to prevent chemical spillage <input type="checkbox"/> Related waste / scrap must be dispose off in the appropriate manner <input type="checkbox"/> Littering of any product, including cigarette duds, at this site shall be seen as an offence and will not be tolerated <input type="checkbox"/> Washing of equipment shall be restricted to urgent maintenance requirements only <input type="checkbox"/> Hard hats, ear plugs, safety glasses, dust masks, gloves, hard pint boots, reflector vests and overalls will be supplied and is compulsory before entering the area

Ablution Facility	Construction	0.008ha		<ul style="list-style-type: none"> <input type="checkbox"/> Concealed septic tanks must be installed above ground, where it can be regularly inspected for leakage <input type="checkbox"/> No indigenous shrubs or trees will be unnecessarily uprooted. <input type="checkbox"/> Ablution blocks shall be at all times be sanitised <input type="checkbox"/> Sanitary bins will be provided within the building, no sanitary material will be allowed within the septic tanks
	Operational			
				<ul style="list-style-type: none"> <input type="checkbox"/> All human waste and related waste will be contained within septic tanks installed for this purpose <input type="checkbox"/> Septic tanks and chemical toilettes will be chemically treated and maintained by a contracting agency <input type="checkbox"/> The local municipality may be contracted on the draining of the septic tank and the removal of its contents to the sewerage plant of their choice <input type="checkbox"/> Sanitary material within the bins provided will be closed in coloured plastics and disposed off with domestic waste Littering of any product, including cigarette duds, at this site shall be seen as an offence and will not be tolerated
Vehicle Storage	Construction	0.0025ha		<ul style="list-style-type: none"> <input type="checkbox"/> A demarcated fenced of area away from the operational site will be cleared for vehicle storage and parking <input type="checkbox"/> Areas must be continuously inspected for spillages and remedied <input type="checkbox"/> Drip pans will be readily available and no parked heavy vehicle will be without a drip pan
	Operational			

				<ul style="list-style-type: none"> ❑ Daily checking of oil / diesel leakages before vehicle is operated ❑ Littering of any product, including cigarette duds, at this site shall be seen as an offence and will not be tolerated
Chemical Storage	Construction	0.0025ha		<ul style="list-style-type: none"> ❑ Storage facilities will consist of an enclosed room, consisting of a lockable entrance and cemented floor ❑ All chemical containers will be standing in a waterproof bay supporting the container volume plus 5% ❑ All buildings will consist of appropriate signs indicating function and potential dangers

	Operational			<ul style="list-style-type: none"> ❑ Stored chemicals must be in marked closed containers ❑ For remediation purposes an neutralizing agent for each chemical must be available at the entrance of the room at all time ❑ Unused chemicals must be separated from used chemicals as well as each type of chemical will be grouped to prevent cross contamination ❑ Chemicals removed from storage will be in approved containers to minimize the possibility of spillage ❑ Safety wear for workers will always be available for urgent situations ❑ Fire extinguishers for this purpose will be available at all times. ❑ Chemical and chemical containing waste will be stored in closed container within the chemical storage room ❑ All personnel handling chemical relating products must follow handling procedures. Littering of any product, including cigarette duds, at this site shall be seen as an offence and will not be tolerated ❑ Once the area specified for these waste is approximately 80% full and on decommissioning of the mine, the different agencies dealing with these specific chemicals will be contacted for the safe removal thereof.
	Rehabilitation			
Diesel Storage	Construction	0.008ha		<ul style="list-style-type: none"> ❑ Diesel tanks will stand in a leak proof bay, supporting the tank volume plus 10% and a 1.5 m wide cement buffer will encircle the area ❑ The floor area must be constructed at a gradient and a run-off sump to capture all contaminated water to be treated by a separator ❑ All buildings will consist of appropriate signs indicating function and potential dangers
	Operational			<ul style="list-style-type: none"> ❑ Vehicles which are filled with fuel will park on a cement floor for if any spillage occurs it can be cleaned

				<input type="checkbox"/> Two fire extinguishers will be present at all times.
Domestic Waste Facility	Construction	0.008ha		<input type="checkbox"/> Containers will be installed and clearly marked for this purpose <input type="checkbox"/> Waste storage containers shall be covered, tip proof, weatherproof and scavenger-proof <input type="checkbox"/> The waste storage area shall be fenced off to prevent wind-blown litter <input type="checkbox"/> The mine shall ensure that all facilities are maintained in a neat and tidy condition and the site shall be kept free of litter <input type="checkbox"/> It is preferable that people is aware of the splitting of waste into their different categories, e.g. glass, plastic, pater, tin and other waste .No burning, on site burring or dumping of waste shall occur <input type="checkbox"/> Contracts with the local municipality / agencies will be signed for the removal of these containers on an appropriate schedule of once a week, but if found necessary twice a week
	Operational			
	Rehabilitation			
Access Road	Operational	0.4		<input type="checkbox"/> Maintenance of the road throughout the entire project timeframe

Mine Road	Construction			<ul style="list-style-type: none"> □ Roads and the number of roads will be planned and constructed with the minimal impact on the environment □ No indigenous shrubs or trees will be unnecessarily uprooted. □ All vehicular traffic is restricted to the roads and to a speed of 20 km/h for heavy vehicles and 40 km/h for light weight vehicles □ Strict adherence to the mine roads and no off-road driving to prevent trampling of vegetation □ All mine roads will be cleared of foreign materials and ripped to loosen the ground for vegetation re-growth
	Operational			
	Rehabilitation			

10. CLOSURE PLAN

<p>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.</p>	
<p>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</p>	<p>The baseline environment will be determined though</p> <ul style="list-style-type: none"> • 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
<p>Closure objectives Describe the closure objectives and the extent to which they will be aligned to the baseline environment</p>	<p>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 to the procedures to be stipulated in the Environmental Management Programme and to the satisfaction of the Department Mineral Resources and the land owner.</p>
<p>Rehabilitation Plan 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 total aerial extent for the mining activities to be authorised and rehabilitated is currently unknown but will be updated in the form of a revised work programme as the various mining phases commences.</p> <p>A basic plan will be included into the Basic Assessment Report as detailed and accurate maps cannot be provided before the Right has been issued and phase 1 mining activities conducted.</p>
<p>Rehabilitation Cost Describe how the rehabilitation cost will be determined and provide a preliminary estimate thereof</p>	<p>The rehabilitation cost will be determined through the given calculation tables obtained from the Department of Mineral Resources.</p>
<p>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 prospecting or mining activity.</p>	<p>Rehabilitation occurs simultaneously with the mining activities as far as possible.</p> <p>During the mining activities, will back filling start once the excavation is sampled to such an extent that it is possible for rehabilitation.</p> <ul style="list-style-type: none"> • The rough material from the screening/crushing plant is backfilled with the materials from the dewatering screen where after the surplus from the sorting plant is discarded. • Once the excavation is fully backfilled, the overburden and topsoil is evenly spread in their respective order to finalize the rehabilitation. • Waste water from the processing and sorting plant is stored within an evaporation dam for recycling purposes. • The rehabilitated area will be continuously inspected for invader/pioneer species and removed on to ensure a successful re-growth of indigenous vegetation. <p>All other listed activities will be removed and the areas rehabilitated before closure of the project.</p>

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

Name of company (if applicable):

Date:

APPENDIX 4 DECLARATION OF THE EAP

I, _____, 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:

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Signature of the environmental assessment practitioner:

Name of company: THAYA TRADING ENTERPRISE CC

Date: 19/03/2018

