DRAFT REPORT 2020

BASIC ASSESSMENT REPORT & ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT

Prospecting Right Application in respect of Coal Resources on Portions 1, 3, 4, 5 and 6 of the Farm Outfall 2414 GT, situated in the Magisterial District of Dundee, KwaZulu-Natal Province.

PREPARED BY:

Singo Consulting (Pty) Ltd

Office No. 16, First Floor (South Block) Corridor Hill Crossing, 09 Langa Crescent, Corridor Hill, eMalahleni Tel: +27 13 692 0041 Fax: +27 86 514 4103



3675/102 Canterbury Street Protea South, PO Chiawelo Soweto, Gauteng 1818 Cell No: +27 73 441 0358/ +27 83 502 0801 Fax No: +27 86 514 4103



mineral resources

Mineral Resources REPUBLIC OF SOUTH AFRICA

Department of Mineral Resources 333 Anton Lembede Street Durban Bay House Durban 4001

DMR REF: KZN 30/5/1/1/2/ 10930 PR

PREPARED ON BEHALF OF:

PREPARED FOR:



mineral resources

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

BASIC ASSESSMENT REPORT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT

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

Project applicant:	The Royal M Coal (Pty) Ltd		
Registration no (if any):	2018/401383/07		
Trading name (if any):	The Royal M Coal (Pty) Ltd		
Responsible Person, (e.g. Director, CEO, etc):	Mathekho A		
Contact person:	Mathekho A		
Physical address:	3675/102 Canterbury Street Protea South PO Chiawelo Soweto Gauteng		
Postal address:	PO Box 17133, Witbank		
Postal code:	1818		
Telephone:		Cell	073 441 0358/ 083 502 0801
E-mail:	mathekhoa@gmail.com	Fax:	086 519 7803

FILE REFERENCE NUMBER SAMRAD: DMR Ref: KZN 30/5/1/1/2/10930 PR.

IMPORTANT NOTICE

In terms of the Mineral and Petroleum Resources Development Act (Act 28 of 2002 as amended), the Minister must grant a prospecting or mining right if among others the mining "will not result in unacceptable pollution, ecological degradation or damage to the environment".

Unless an Environmental Authorization can be granted following the evaluation of an Environmental Impact Assessment and an Environmental Management Programme report in terms of the National Environmental Management Act (Act 107 of 1998) (NEMA), it cannot be concluded that the said activities will not result in unacceptable pollution, ecological degradation or damage to the environment.

In terms of section 16(3)(b) of the EIA Regulations, 2014, any report submitted as part of an application must be prepared in a format that may be determined by the Competent Authority and in terms of section 17 (1) (c) the competent Authority must check whether the application has taken into account any minimum requirements applicable or instructions or guidance provided by the competent authority to the submission of applications.

It is therefore an instruction that the prescribed reports required in respect of applications for an environmental authorization for listed activities triggered by an application for a right or a permit are submitted in the exact format of, and provide all the information required in terms of, this template. Furthermore, please be advised that failure to submit the information required in the format provided in this template will be regarded as a failure to meet the requirements of the Regulation and will lead to the Environmental Authorization being refused.

It is furthermore an instruction that the Environmental Assessment Practitioner must process and interpret his/her research and analysis and use the findings thereof to compile the information required herein. (Unprocessed supporting information may be attached as appendices). The EAP must ensure that the information required is placed correctly in the relevant sections of the Report, in the order, and under the provided headings as set out below, and ensure that the report is not cluttered with uninterpreted information and that it unambiguously represents the interpretation of the applicant.

OBJECTIVE OF THE BASIC ASSESSMENT PROCESS

The objective of the basic assessment process is to, through a consultative process-

- (a) determine the policy and legislative context within which the proposed activity is located and how the activity complies with and responds to the policy and legislative context;
- (b) identify the alternatives considered, including the activity, location, and technology alternatives;
- (c) describe the need and desirability of the proposed alternatives,
- (d) through the undertaking of an impact and risk assessment process inclusive of cumulative impacts which focused on determining the geographical, physical, biological, social, economic, heritage and cultural sensitivity of the sites and locations within sites and the risk of impact of the proposed activity and technology alternatives on these aspects to determine:
 - i. the nature, significance, consequence, extent, duration and probability of the impacts occurring to; and
 - ii. the degree to which these impacts
 - a. can be reversed;
 - b. may cause irreplaceable loss of resources; and
 - c. can be managed, avoided or mitigated;
- (e) through a ranking of the site sensitivities and possible impacts the activity and technology alternatives will impose on the sites and location identified through the life of the activity to
 - i. identify and motivate a preferred site, activity and technology alternative;
 - ii. identify suitable measures to manage, avoid or mitigate identified impacts; and
 - iii. identify residual risks that need to be managed and monitored.

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PART A

SCOPE OF ASSESSMENT AND BASIC ASSESSMENT REPORT

1. Contact Person and correspondence address

a) Details of applicant

APPLICANT CONTACT DETAILS

Name	The Royal M Coal (Pty) Ltd
Tel	+27 73 441 0358/ +27 83 502 0801
Fax	+27 86 519 7803
Email	mathekhoa@gmail.com
Postal address	PO Box 17133, Witbank
Physical address	3675/102 Canterbury Street
	Protea South
	P.O Chiawelo
	Gauteng
	South Africa

b) The EAP of who Prepared the Report

CONSULTANT CONTACT DETAILS

Name	Ms Sithabile Kabaira
Tel	+27 13 692 0041
Cell	+27 83 551 4492
Fax	+27 86 5144 103
Email	sithabile@singoconsulting.co.za
Postal address	Postnet Suite 125 Private Bag X 7214 Ben Fleur, 1036
Physical address	Office No.16, First Floor Corridor Hill Crossing 09 Langa Crescent Corridor Hill, eMalahleni, 1035

EAP SUPERVISOR

Name	Mr Ndinnanyi Kenneth Singo
Tel	+27 13 692 0041
Cell	+27 78 272 7839
Fax	+27 86 5144 103
Email	kenneth@singoconsulting.co.za
Postal address	Postnet Suite 125 Private Bag X 7214 Ben Fleur, 1036
Physical address	Office No.16, First Floor Corridor Hill Crossing 09 Langa Crescent Corridor Hill, eMalahleni, 1035

1.1 Expertise of the EAP supervisor

See attached CV annexure B

2 Location of the Activity

b) Location of the overall Activity.

Table 1: Location of the activity

Farm Name:	Outfall 2414 GT
Application area	924 Ha
(Ha)	
Magisterial	Dundee
district:	
Local	Endumeni
Municipality	
Distance and	The proposed project area is located approximately:
direction from	17.21 km South-East of Dundee Town,
nearest town	17.33 km East of Wasbank and
	6.26 km North-West of Paddafontein.
21 digit SG Code	N0GT000000021410000

c) Locality map

(Show nearest town, scale not smaller than 1:250000).

The proposed project area as seen in figure 1, 2 and 3 below, is on portion 1, 3, 4, 5 and 6 of the farm Outfall 2414 GT situated under Endumeni Local Municipality which falls within the jurisdiction of the Magisterial District of Dundee under Umzinyathi District Municipality, in KwaZulu-Natal province. The proposed prospecting project area is situated approximately 17.21 km South-East of Dundee Town, 17.33 km East of Wasbank and 6.26 km North-West of Paddafontein.

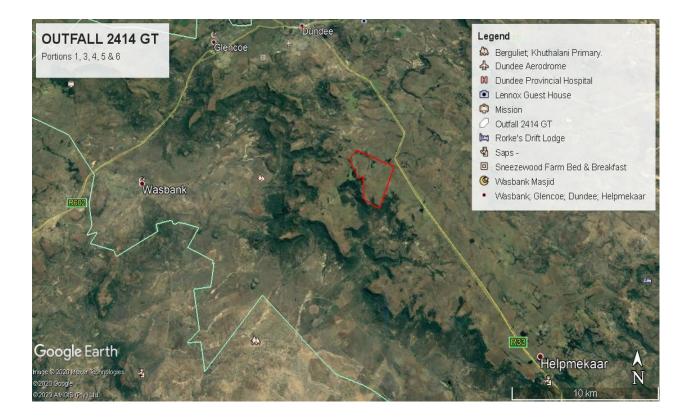


Figure 1: Google Earth map showing the area of the proposed project.

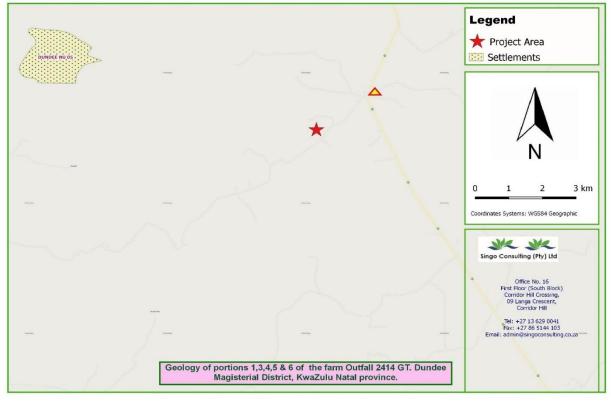


Figure 2: Locality map of the proposed project.

The proposed project area can be accessed using the R33 provincial route linking Dundee to Greytown. The R33 connects to D103 approximately 20km from Dundee towards Greytown. The Project area can be accessed within approximately 0.8km on the route D103.

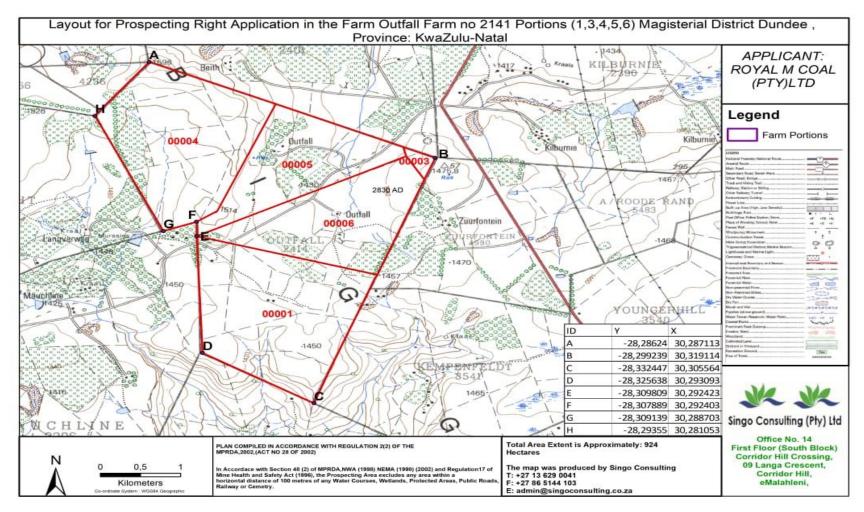


Figure 3: Regulation map showing locality of the proposed project area (Indicated by red).

d) Description of the scope of the proposed overall activity.

(Provide a plan drawn to a scale acceptable to the competent authority but not less than 1: 10 000 that shows the location, and area (hectares) of all the aforesaid main and listed activities, and infrastructure to be placed on site).

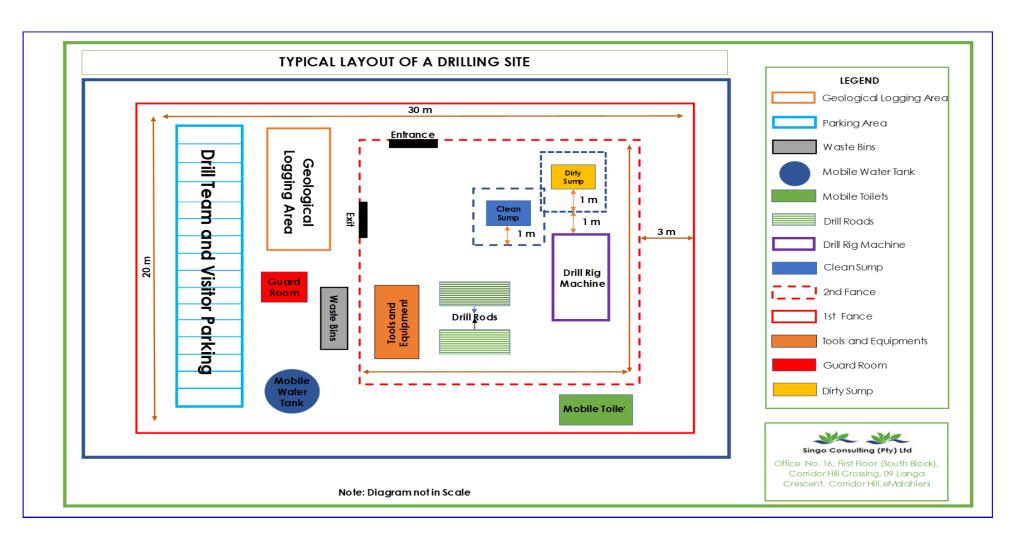


Figure 4: The drill site layout plan showing areas where specific activities will take place in the project area.

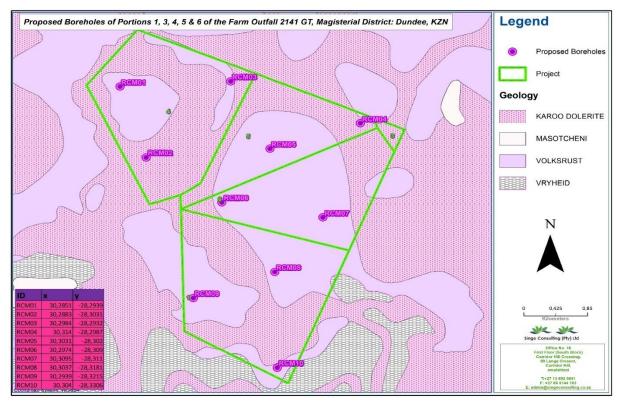


Figure 5: Proposed boreholes map of the anticipated project area.

As part of the prospecting phase, physical prospecting is planned to be conducted on site and will involve the use of diamond core drilling to investigate the existence of the expected mineralization; the thickness of the orebodies and its distribution. Core logs will be taken off-site to be sampled and analysed. An estimated 10 boreholes will be drilled one at a time at various locations within the proposed project area. The depths of the drill holes will average 200 m and will be determined onsite whilst the drilling programme is underway as influenced by the depths and dips measured in other holes. A buffer of 500 m will be kept from identified wetlands. A buffer of 100 meters will be kept from public roads.

The drill site will be fenced off, cleared and drilled. Rehabilitation will occur immediately after drilling. As a site is drilled, it will be rehabilitated, and the drilling crew will move onto the next planned hole. This procedure will be followed until all the holes are drilled. Drilling will be conducted in consultation with the landowners.

No other excavations, bulk sampling or pitting is planned throughout prospecting phase.

3 DESCRIPTION OF ACTIVITY

i. Listed and specified activities

Section 16 of the Mineral and Petroleum Resources Development Act (MPRDA) (No. 28 of 2002) requires, upon request by the Minister, that an Environmental Management Programme should be submitted and that the applicant notifies and consults with Interested and Affected Parties (I&APs). Section 24 of the National Environmental Management Act (NEMA) requires that activities which may impact the environment be authorized by the relevant authority before commencing with that activity. Such activities are listed under Regulations Listing Notice 1 Government Notice (GN) 983 of the NEMA. See Table 2 for details of the listed activities.

Table 2: NEI	MA-Triggered	Activities
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NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etcetc. E.g. for mining,- excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc. etc. etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY Mark with an X where applicable or affected.	APPLICABLE LISTING NOTICE (GNR 983, GNR 984 or GNR 985)
Invasive prospecting for the above-mentioned mineral by means of diamond drilling of 10 boreholes. The holes will be drilled to an average depth 200m. The demarcated working area (total area to be	Disturbed area - 0.06 ha per hole x 10 boreholes = 0.6 ha	X	GNR 327 Listing Notice 1, Activity 20.
disturbed) per site is 30 m x 20 m = 600 m ² (0.06 Ha). Then 600 m ² x 10 boreholes =6000 m ² Therefore, the total area to be disturbed is 6 000 m ² /10 000 = 0.6 Ha			
Vegetation clearance for drilling programme.	0.6 ha of 924 ha	Х	

ii. Description of the activities to be undertaken

(Describe Methodology or technology to be employed, including the type of commodity to be prospected/mined and for a linear activity, a description of the route of the activity).

Coal prospecting activities will be conducted over a period of five years in the following phases:

3.1.1 Phase 1: Non-invasive prospecting

Phase 1A: Data collection and review.

This phase includes data collection and review of all available information relating to the project, such as property description, tenure and permitting, accessibility, climate, environmentally sensitive areas, historical work and geology. A site visit will be conducted during this phase.

Phase 1B: Field Mapping

Geological mapping involves plotting the location and altitude of the various rock units, faults, and folds on a base map. Geological maps are used to investigate geological hazards, mineral resources, groundwater aquifers, and just plain science. This method includes ground mapping of geological features including rock outcrops, lithological contact zones, any geological structural features, surface depressions.

Phase 1C: Data review report and analysis.

This phase involves confirming adequacy of baseline project data available to support preparation of a Bankable Feasibility Study (BFS). Upon gap analysis completion, recommendations will be made to fill the shortfall in any technical or study area that may directly impact the quality of the Bankable Feasibility study. Phase 1A and 1B (combined) will be conducted for about 1–2 months.

3.1.2 Phase 2: Geology and resources.

This phase includes drilling, geochemical sample analysis, data verification and mineral resource estimation according to international reporting codes, such as the South African Code for Reporting of Exploration Results, Mineral Resources and Mineral Reserves (SAMREC). Data acquisition and test work in the form of diamond or directional drilling (for geochemical assay and metallurgical test work) is required to support the study. Once the geochemical analytical results have been obtained, the generation of a geological and resource model and resulting SAMREC-compliant (or

similar) mineral resource estimate may be completed. The drilling program will include at least 10 (Ten) boreholes (Table 3) mainly aimed at verifying the acquired historical data by obtaining reliable samples from different depths below surface. The potential drilling method are described below.

Diamond core drilling

Diamond core drilling comprises a drill bit studded with diamond, which is mounted on a cylindrical rotating shaft. A hydraulic or mechanical chuck holds the drill shaft and mounted drill bit firmly, allowing it to rotate at the desired speed. The feed frame applies the necessary force to exert the right pressure on the bit for effective cutting. The flush pump passes water or other flushing fluids down the rod string and past the core barrel and core bit. This cools the bit and carries the cutting up to the surface outside the drill rod, reducing friction between the drill string and the borehole wall. The bit cuts out a core of rock, which moves up into the core barrel until the barrel is filled. When full, the rod string is hoisted until the core barrel reaches the surface where it can be emptied.



Figure 6: Typical example of Diamond Core drilling.

Table 3: Proposed drilling programme

Drilling method	Diamond core drilling
Number of boreholes	10
Depth of boreholes	200 m
Duration of drilling	A borehole takes about 2 days to complete; 10 boreholes will take about 20 days.
Demarcated working area	600 m² (600 m² per drilling site based on a 30 m x 20 m grid) which is equals to 0.06 ha per site
Total area to be disturbed	600 m² (600 m² x 10 boreholes = 6 000 m² (0.6 Ha))

3.1.3 Phase 3: Topographic survey

This phase includes a topographic survey. A detailed Digital Elevation Model (DEM) with 2m accuracy contour levels is required (existing LIDAr survey results to 5cm in the xyz space with a 1cm ortho-image is available).

3.1.4 Phase 4: Geophysical investigations

This phase involves collection of sub-surface information relative to the Karoo Supergroup stratigraphy; this will affirm the exact location of the and its depth; the nature and effects of dolerite intrusions; and the characteristics of the bed rock and overburden. Geophysical survey results will be interpreted with geological and drilling data to provide a firm basis for analysis of the Coal characteristics and its potential of being converted from resource to reserves.

3.1.5 Phase 5: Mineral processing and metallurgical testing

This phase involves following standard procedures for Feasibility studies to obtain test work results to determine the Run of Mine (RoM) ore quality. RoM ore quality is needed to establish basic beneficiation plant design criteria and start with basic engineering, layout planning, preliminary tendering and cost estimates of initial capital costs for each of the main components, production planning and operating cost estimates.

3.1.6 Phase 6: Reporting

This phase includes review, interpretation, peer review, conclusions and recommendations, and the compilation of the final BFS report signed off by the Competent Person. The Mineral and Ore Reserve Report produced during this phase, will be SAMREC-compliant.

3.2 EQUIPMENT

The equipment to be used is as follows:

- a) Drill Equipment
- b) Mechanical Shovel
- c) Temporary Fencing
- d) Wooden pegs
- e) Safety Cones
- f) Field vehicles
- g) Spades
- h) First aid kit
- i) Sample bags
- j) PPE (dust mask; gloves; goggles reflector vest)

Equipment will be stored at the active drill site.

3.3 Auxiliary Activities

3.3.1 Access roads

There is an existing access unpaved road, D103 which connects to R33 approximately 20 km from Dundee towards Greytown (as discussed above under 2.(c) Locality map). The road D103 passes through the proposed project area, which gives all project personnel easy access to the drill site. As such, no new access roads will be constructed for the proposed activity. Once the prospecting right has been granted, the applicant will negotiate access with the landowner to conduct a detailed technical evaluation of the prospecting area. A contract will be drawn up and negotiated with the landowner regarding access and the suitability and time of year that is preferred for prospect drilling.



Figure 7: Different existing access roads to the proposed project area.

3.3.2 Ablution facilities

Mobile toilets will be installed on site for ablution purposes and they will be removed after the prospecting period.



Figure 8: An image showing a typical example of mobile toilets.

3.3.3 Temporary Office Area

A temporary site office shaded area will be erected at the drill sites. No on - site electricity generation through the use of generators will be undertaken. Meals will be provided to the staff and workers as no heating and / or cold storage facilities will be available. A shaded eating area will be provided.



Figure 9: Typical example of Mobile offices.

3.3.4 Accommodation

Accommodation for staff and workers will not be provided on site, but in nearby towns (e.g Dundee) around the proposed project area as there are Lodges and guest houses. Night security staff will be employed once equipment has been established on site.

3.3.5 Blasting

As the Prospecting Works Programme (PWP) does not allow for bulk sampling, no blasting will take place.

3.3.6 Storage of dangerous goods

During drilling activities, limited quantities of diesel fuel, oil and lubricants will be stored on site. The only dangerous goods that will be stored in any significant quantity is diesel fuel. Less than 30m³ will be stored in above-ground diesel storage tanks.

4 LEGAL FRAMEWORK

e) Policy and Legislative Context.

The following context includes the legislations that are associated with prospecting processes.

Applicable legislation and guidelines used to compile the report	Reference where applied	How does this development comply with and respond to the policy and legislative context
A description of the policy and legislative context within which the development is proposed, including an identification of all legislation, policies, plans, guidelines, spatial tools, municipal development planning frameworks and instruments that are applicable to this activity and are to be considered in the assessment process.		E.g. In terms of the National Water Act a Water Use License has/ has not been applied for.
Legislation		
NEMA, No. 107 of 1998 (as amended) Listing Activity 20 of Listing Notice 1 in terms of Regulation 983 of 2014	Prospecting activities	In terms of the NEMA, No. 107 of 1998 (as amended), an application for Environmental Authorization was submitted to the DMR. The application was acknowledged by the DMR Ref: (KZN 30/5/1/1/2/10930 EM) . The DMR, as the administrator, requests the submission of the Basic Assessment Report and EMP within 90 days of the acknowledgement letter. Royal M Coal (Pty) Ltd appointed Singo Consulting as an independent EAP to undertake the Basic Assessment Process associated with the Prospecting Right Application. All potential impacts of the proposed prospecting activities have been assessed. The EMPr includes mitigation measure implementation, which will apply throughout prospecting activities.
As per the Constitution of South Africa, specifically, everyone	Prospecting activities	An EMPr for proposed prospecting activities has been drafted to ensure

Table 4: Applicable legislation to this application.

Applicable legislation and guidelines used to compile the report	Reference where applied	How does this development comply with and respond to the policy and legislative context
has a right to: an environment that is not harmful to their health or wellbeing; and have the environment protected, for the benefit of present and future generations, through reasonable legislative and other measures that: prevent pollution and ecological degradation promote conservation secure ecologically sustainable development and use of natural resources while promoting justifiable economic and social development.		that prospecting activities are conducted in such a manner that significant environmental impacts are avoided. Where significant impacts cannot be avoided, they will be minimized and mitigated to protect the environmental right of South Africans.
MPRDA, No. 28 of 2002 Section 16 (as amended)	Prospecting activities	The applicant submitted a Prospecting Right Application to the DMR, which the DMR accepted on the 19 th of November 2019 Ref: (KZN 30/5/1/1/2/10930 PR). The conditions and requirements attached to the granting of the prospecting right will apply to the prospecting activities.
NEMA Biodiversity Act, 2004		The EMPr will regulate the applicant's implementation of biodiversity management measures. This is particularly relevant to all species of the Highveld Grassland family and the Critical Biodiversity Area (CBA) in which the project area falls.
National Water Act (NWA), Act 36 of 1998	N/A	No water use license is required for this application. Water required for drilling activities will be obtained from a legal source in the area or brought in via a mobile water tanker. Appropriate dust extraction/ suppression equipment will be a condition imposed on the drill contractor for drill rigs.
National Environmental Management: Waste Act, Act 59 of 2008 (NEMWA) (as	Management measures environmental	Waste generation will be minimized by ensuring employees of the drilling contractor are subjected to the

Applicable legislation and guidelines used to compile the report	Reference where applied	How does this development comply with and respond to the policy and legislative context
amended)	awareness plan	appropriate environmental awareness campaign before drilling commences. All waste generated during the drilling activities will be disposed of in a responsible legal manner. Proof of legal disposal will be maintained on site.
National Heritage Resources Act (NHRA), 25 of 1999	Management measures	Should archaeological artefacts or skeletal material be discovered in the area during development activities, activities will be stopped, and the South African Heritage Resource Agency (SAHRA) will be notified for an investigation and evaluation of the discoveries.
Municipal plans and policies		
Local Municipality Integrated Development Plan (IDP) 2015- 2016	N/A	The prospecting and mining of key minerals like Coal is highlighted in the IDP. It also highlights the need to preserve the natural environment in the area by conducting mineral exploration that is minimally invasive to the environment.
Municipality 2014-2034 Spatial Development Framework (SDF)		The applicant acknowledges the need to maximize economic benefit from mining, industrial, business, agricultural and tourism development in the area and promote a climate for economic development in line with the municipal development frameworks.
Standards, guidance and spatial tools		
SouthAfricanNationalBiodiversityInstitute(SANBI)BiodiversityGIS(bgis.sanbi.org)	Baseline environmental description.	Used during desktop research to identify sensitive environments in the prospecting rights area.
QGIS Desktop: Version 2.18.10.	Baseline environmental description and mapping.	Used during desktop research to map the locality and sensitive environments in the prospecting rights area.

5 NEED AND DESIRABILITY

f) Need and desirability of the proposed activities.

(Motivate the need and desirability of the proposed development including the need and desirability of the activity in the context of the preferred location).

Prospecting activities do not offer many tangible benefits as it is the initial phase of mining. Prospecting precedes mining; however, it is during the prospecting phase that findings are established on whether the available mineral reserves can be mined at an economic gain. It is understood that the mining plays an important role in South African economy and boasts a large labour force; hence a greater significance is placed on prospecting for realization of mining benefits.

Mining in South Africa directly contributed to the establishment of the Johannesburg Stock Exchange in the late 19th century, and today it still accounts for a large portion of its market capitalization. From this, it is clear that mining in South Africa has shaped the country politically, culturally, and economically and that the South African mining sector has provided the critical mass for a number of industries that are either suppliers to the mining industry, or users of its products. These include, but are not limited to, energy, financial services, water and engineering services, and specialist seismic geological and metallurgical services. The proposed coal prospecting right will not only contribute directly to the South African economy but will also contribute to the development and growth of other industries supporting the mining sector.

Coal is the lifeblood of the South African economy. It is the predominant fuel source for electricity, providing over 90% of the country's energy needs. Without coal-derived electricity, industries such as manufacturing, financial services, and social services would be severely crippled, an estimated 430 000 people would be without work or financial means, and the country would stop growing. South Africa, therefore, needs coal to ensure that the economy continues to grow as it diversifies its energy mix into the future.

The KwaZulu-Natal province have historically played an important role in the coal industry of South Africa for the high quality of the coals produced. The Klip River Coalfield was historically the most important anthracite and coking coal producing area of South Africa and according to the most recent overview of the coal resources of KZN (Mintek, 2007) the Klip River Coalfield still (where the proposed project are falls under) has the greatest percentage of high potential projects in the Province.

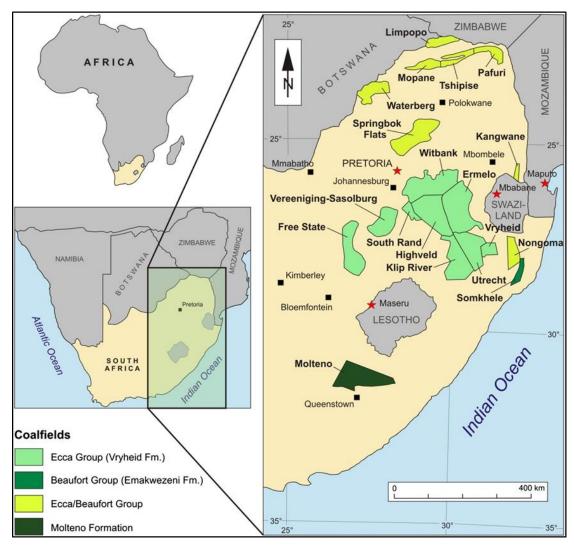


Figure 10: South Africa Coalfields Map. Source: (variously modified after Snyman, 1998)

Although prospecting activities are not labour intensive, few people will be hired to assist with general activities. The services required can also be sourced locally depending on their availability thus growing the economy of Endumeni.

6 ALTERNATIVES

g) Motivation for the overall preferred site, activities and technology alternative.

Geophysical surveys, and drilling are the only major methods used in exploring for deposits of this type and also for resource definition and evaluation. The technology to be used cannot be replaced by any other methods thus these are the preferred activities. There is no other site alternative as the property provides the ideal geological formation for the presence of the minerals applied for.

h) Full description of the process followed to reach the proposed preferred alternatives within the site.

NB!! – This section is about the determination of the specific site layout and the location of infrastructure and activities on site, having taken into consideration the issues raised by interested and affected parties, and the consideration of alternatives to the initially proposed site layout.

Each phase depends on the results of the preceding one. As such, mapping of the prospecting activities could not be undertaken for inclusion in this report.

i.Details of the development footprint alternatives considered.

With reference to the site plan provided as Appendix A and the location of the individual activities on site, provide details of the alternatives considered with respect to:

- a. Property on which or location where it is proposed to undertake the activity;
- b. Type of activity to be undertaken;
- c. Design or layout of the activity;
- d. Technology to be used in the activity;
- e. Operational aspects of the activity; and
- f. Option of not implementing the activity.

6.1 Property

Royal M Coal (Pty) Ltd is applying for Coal Prospecting Right on Portions 1, 3, 4, 5 and 6 of the farm Outfall 2414, based on existing knowledge of the geological information of that area. The site was identified based on knowledge of the Coal deposits and as such, no site alternatives have been considered for the proposed activities. The following buffers will be applied to the final site selection:

- No drill site will be positioned within 100 m of a structure
- No drill site will be positioned within 500 m of a water course or wetland
- Where possible existing access roads will be utilized to access the drill sites.

6.2 Type of Activity

Techniques were chosen based on the long-term success of the selected drilling method and prospecting process.

- A total number of 10 drill holes are proposed for the site;
- It will be possible to drill 100m-120m per day, covering about 2 days to drill one hole;
- All holes will be drilled by means of a diamond drill rig.
- The holes will be drilled to an average of 200 m and broadness (diameter) may vary between 60 mm 75.7 mm. This will allow establishment of the thickness of the overburden;
- Holes will not be drilled closer than 500 m to any stream/river and not within 500 m from a natural wetland. Identified heritage sites will be marked and avoided.
- Overburden will be recorded, and the holes filled back simultaneously.
- Drilling will take place one hole at a time. The drill site will be cleared of obstructions and debris and then drilled. Rehabilitation will occur concurrently with drilling.

6.3 Design & Layout

Since exploration is temporary in nature no permanent structures will be constructed, Negotiations and agreements will be made with the farm owners to use any existing infrastructure like access roads. No infrastructure will be developed on site; portable ablution facilities will be used.

- Activities will be limited to the drilling of 10 boreholes to be determined by the geological formations found during prospecting.
- It is planned to use one rig for all drill holes. Rehabilitation will be closely controlled, and supervision will be focused.
- No changes to the layout are considered but with the geophysical survey information, the holes can be orientated to match the shape of the orebody.

6.4 Technology

The biggest technology intervention is the use of geophysical surveys, which makes the requirement for less holes apparent. Geophysical surveys also provide an added advantage of being done quickly and so execution can commence early. The safety factor of utilizing geophysical surveys is also apparent, as there is less time to keep people exposed to moving machinery.

6.5 No -Go Option

The existing agricultural livestock activities will continue. If prospecting is not approved, the presence of Coal will not be assessed. The feasibility for mining at the proposed site will not be established. The Coal which is important to the ongoing industrialization of the South African economy may not be identified, recovered, processed and deployed to grow the economy.

7 PUBLIC PARTICIPATION PROCESS

ii. Details of the Public Participation Process Followed

(Describe the process undertaken to consult interested and affected parties including public meetings and one on one consultation. NB: the affected parties must be specifically consulted regardless of whether they attended public meetings. Information to be provided to affected parties must include enough 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).

The Public Participation Process (PPP) mainly comprises the communications and discussions with Interested and Affected Parties (I&APs) and is of utmost importance in any assessment process. The PPP provides people who may be interested in or affected by the proposed development, with an opportunity to provide comments and to raise issues or concern, or to make suggestions that may result in enhanced benefits for the project. The PPP, inter alia, involves the following:

The main aspect around public participation is finding the relevant I&APs, in this project the relevant I&APs were

- Landowners
- Adjacent Landowners
- Local Municipality
- Government Departments

i. Notification of potentially interested and affected parties

The PPP commenced on Friday the 17th of January 2020. Potentially Interested and Affected Parties were notified of the proposed application by: -

- A Background Information Document which was prepared and distributed via Email to all possible I&APs from the 17th of January 2020. Please refer to Appendix F.
- A Landowner Notification Letter which was sent to landowners via email.
- Newspaper Advertisement was published on Friday the 17th of January 2020 in English on the northernnatalcourier.co.za. Please refer to Figure 11 below and Appendix C.

Site notices (A3) were placed accessible by the public around the project area. Please refer to Figure 12 below and Appendix G

northernnatalcourier.co.za / Community

10 Methodist Green and yellow marks milestone ANC Church to host Cuppa 4 CANSA

The Dundee Methodist Church will

The Dundse Methodist Church will remember the fallen and honour the survivors of cancer on Sunday. The church will play host to the Cancer Association of South Africa (CANSA), which will be holding a special Cuppa 4 CANSA after the service. The morning worship will remember those who have lost their lives to cancer and celebrate all those who have bravely conquered the disease. Cakes and tea will then be on sale in the hall, with all proceeds going Cakes and tea will then be on sale in the hall, with all proceeds going towards CANSA. The special service is open to the public and all are welcome to attend. For details, contact Wesley on 082 421 9029.



The Cancer Association of South Africa will be holding an awareness moming at the Dundee Methodist Church.

All weicome



birthday

The African National Congress (ANC) celebrated it's 108th year on January 8. The Moth Hall was flooded

There is no other party older than the ANC. Congratulations to the founders of the movement,

as well as all the former leaders who are part of this movement

on where the ANC had come from as a party and how far it had come since then. Speaker after speaker reflected

January 17 Friday, 2020



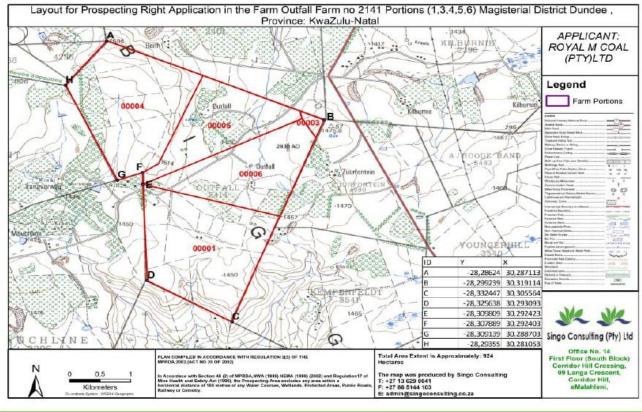
The Moth Hall was packed to its capacity with ANC members from Dundee and surrounding areas



Figure 11: Proof of Newspaper Advertisement.

NOTICE OF PUBLIC PARTICIPATION FOR PROSPECTING RIGHT AND ENVIRONMENTAL AUTHORIZATION APPLICATION

Notice of the **Prospecting Right** Application Process as per Section 16 of the Minerals and Petroleum Resources Development Act (Act 28 of 2002) (as amended) for the proposed prospecting of **Coal** on portions **1**, **3**, **4**, **5** and **6** of the farm **Outfall 2414 GT** (DMR Ref: **KZN 30/5/1/1/2/10930 PR**), situated in the Local Municipality of Endumeni under Dundee Magisterial District, KwaZulu-Natal Province.



INVITATION TO COMMENT

Notice is given in terms of the Mineral and Petroleum Development Act (MPRDA) (Act 28 of 2002) and ElA regulations 2014, published under Government Notice No. 982 in Gazette No. 3822 of 4 December 2014, amended on 7 April 2017, that **Royal M Coal (Pty) Ltd** has applied for a Prospecting Right.

As part of the EIA process, more especially the public participation process for this proposed project, Interested and Affected Parties (I&APs) are invited to register and kindly submit any comments or concerns to reach Ms. Sithabile Kabaira until <u>Sunday of 16 February</u> <u>2020</u> using the contact details provided below. The public is also invited to review and comment on DBAR and EMPr which will be available for review for a 30 days calendar period from <u>Monday 17th of February 2020 to Tuesday 17th of March 2020.</u> This report will be available upon request, via Email from the respective EAP and at **Dundee Library** (Boundary Street, Dundee, Endumeni, 3000).

ENVIRONMENTAL ASSESSMENT PRACTITIONER AND CLIENT DETAILS:



Office No. 16, Corridor Hill Crossing, 09 Langa Crescent Corridor Hill eMalahleni 1035.

Tel No.: +27 13 692 0041 Fax No.: +27 86 514 4103 Cell No.: +27 83 551 4492 Email: sithabile@singoconsulting.co.za



3675/102 Canterbury Street Protea South PO Chiawelo Soweto Gauteng 1818

Cell No: +27 73 441 0358/ +27 83 502 0801 Fax No: +27 86 514 4103 Email: <u>mathekhoa@gmail.com</u>

Figure 12: Proof of Site Notices.

The following have been identified as I & Aps

Table 5:	Identified ke	ey stakeholders

Table 5. Identified key stakeholders			
Names of I & Aps	Organization	Position	
Nokwanda Mthethwa	Endumeni Local Municipality	Environmental Planning Officer	
Zakhele Mndaweni	Endumeni Local Municipality	Environment and Waste Manager.	
Gerald Willis-Smith	Department of Environmental Affairs. UMzinyathi District Municipality	CEO	
Mr Thembalakhe Sibozana	Department of Agriculture, Forestry and Fisheries.	Senior forester	
Nqobile Khanyile	Department of Mineral Resources (DMR)	KZN Regional Manager	
Mr Ashley Starkey	Department of Water and Sanitation	Chief Directorate	
Mrv Siyabonga. Nsele	Eskom	Head of Engineering Survey	
Nomsa Modise	SANRAL	Officials	
Lynn Boucher	Department of Rural Development and Land Reform (DRDLR)	officials	

Land Claim Enquiry regarding the proposed prospecting project of the farm Oufall 2414 GT which falls under Endumeni Local Municipality was done and the results show that, the Land Claim was lodged by Inkosi Nsikayezwe Winston Sithole on behalf of the Sithole Tribe Land Claim with Ref: KRN6/2/2/E/7/0/0/2. The claim was lodged on the 22nd of December 1998. Another Land claim was lodged by Sibongile Mahlaba on behalf of the Ndumeni Community on the 12th of December 1998. Land claim ref: KRN6/2/2/E/7/0/0/56. Below is the proof of the Land Claim Letter. (Please refer to Appendix D)





OFFICE OF THE REGIONAL LAND CLAIMS COMMISSIONER: KWAZULU-NATAL 139 Langalibalele Street, PIETERMARITZBURG, 3200, Private Bag X 9120, PIETERMARITZBURG, 3200 Tel: (033) 341 2600 | Fax: (033) 342 2881

Your Ref:

Enquiries: Lynn Boucher

Singo Consulting 09 Langa Crescent Corridor Hill Crossing First Floor (South Block) Office No 14 **EMALAHLENI** 1035

Dear Sir/Madam

REQUEST INFORMATION ON PROPERTY: LAND CLAIM

We acknowledge receipt of your enquiry received on 11 January 2020 and advise that our records indicate that claims for restitution in terms of the provisions of the Restitution of Land Rights Act, 22 of 1994 (as amended) have been lodged in respect of properties described as **Portions 1, 3,4, 5 and 6 of the farm Outfall No. 2414**.

These properties fall under the Ndumeni Community claim and the Sithole Tribe claim respectively. Please find attached the relevant gazette notices for ease of reference.

Regards

MR N. MDLULI MANAGER: INFORMATION AND RECORDS MANAGEMENT DATE: 22 January 2020

No. 128

13 February 2015

GENERAL NOTICE IN TERMS OF THE RESTITUTION OF LAND RIGHTS ACT, 1994 (ACT NO. 22 OF 1994)

Notice is hereby given in terms of Section 11 (1) of the Restitution of Land Rights Act, 1994 (Act No. 22 of 1994) that a claim for the restitution of land rights on the following properties have been lodged with the Regional Land Claims Commissioner: KwaZulu-Natal and that the Commission on Restitution of Land Rights will further investigate the claim in terms of provisions of the Act in due course:

Property	:	see attached schedule
Extent of property	:	see attached schedule
Magisterial District	:	Dundee
Administrative District:	:	KwaZulu-Natal
Current Title Deed No.	:	see attached schedule
Current Owner	:	see attached schedule
Bonds & Restrictive Conditions (Interdicts)	:	see attached schedule
Claimant	:	Inkosi Nsikayezwe Winston Sithole on behalf of the Sithole Tribe
Date claim lodged	:	22 December 1998
Reference number	:	KRN6/2/2/E/7/0/0/2

Any party/parties who have an interest in the above-mentioned properties is hereby invited to submit, within **30 days** from the date of publication of this notice, any representations and/ or information which shall assist the Commissioner in proving or disproving this claim.

Should no information and/ or representations from the affected party/ parties be forthcoming within the stipulated period, the affected party/parties shall be *ipso facto* barred from further doing so and the Commission shall continue with the subsequent processes towards completion of the investigation.

Any comments and information should be submitted to:

The Regional Land Claims Commissioner: KwaZulu-Natal Private Bag X9120 Pietermaritzburg 3200

Tel: (033) 355 - 8400 Fax: (033) 342 - 3409

Submissions may also be delivered to Second Floor, African Life Building, 200 Church Street, Pietermaritzburg.

LEBJANE MAPHUTHA REGIONAL LAND CLAIMS COMMISSIONER: KWAZULU NATAL DATE:

NOTICE 590 OF 2007

GENERAL NOTICE IN TERMS OF THE RESTITUTION OF LAND RIGHTS ACT, 1994 (ACT NO. 22 OF 1994)

Notice is hereby given in terms of Section 11 (1) of the Restitution of Land Rights Act, 1994 (Act No. 22 of 1994) that a claim for the restitution of land rights on the following properties have been lodged with the Regional Land Claims Commissioner: KwaZulu-Natal and that the Commission on Restitution of Land Rights will further investigate the claim in terms of provisions of the Act in due course:

Property	:	see attached schedule
Extent of property	:	see attached schedule
Magisterial District	:	Dundee
Administrative District:	:	KwaZulu-Natai
Current Title Deed No.	:	see attached schedule
Current Owner	:	see attached schedule
Bonds & Restrictive Conditions (Interdicts)	:	see attached schedule
Claimant	:	Sbongile Mahlaba on behalf of the Ndumeni Community
Date claim lodged	:	12 December 1998
Reference number	:	KRN6/2/2/E/7/0/0/56

Any party/parties who have an interest in the above-mentioned properties is hereby invited to submit, within **30 days** from the date of publication of this notice, any representations and/ or information which shall assist the Commissioner in proving or disproving this claim.

Should no information and/ or representations from the affected party/ parties be forthcoming within the stipulated period, the affected party/parties shall be *ipso facto* barred from further doing so and the Commission shall continue with the subsequent processes towards completion of the investigation.

Any comments and information should be submitted to:

The Regional Land Claims Commissioner: KwaZulu-Natal Private Bag X9120 Pietermaritzburg 3200

Tel: (033) 355 - 8400 Fax: (033) 342 - 3409

Submissions may also be delivered to Second Floor, African Life Building, 200 Church Street, Pietermantzburg.

MS. S. SOSIBO REGIONAL LAND CLAIMS COMMISSIONER: KWAZULU NATAL

NOTICE 1030 OF 2012

NOTICE OF INTENTION TO WITHDRAW IN TERMS OF SECTION 11 A (2) OF THE RESTITUTION OF LAND RIGHTS ACT, 1994 (ACT NO. 22 OF 1994)

A Notice of intention to withdraw is hereby given for Notice 5901 of 2007 as published in *Government Gazette* No. 29880 on 18 May 2007 in the Ndumeni Community claim for the purpose of conducting further investigations.

Any party/parties who have an interest in the above-mentioned properties is hereby invited to submit under reference number KRN6/2/2/E/7/0/0/56 within 30 days from the date of publication of this notice, any representations and/ or information which shall assist the Commissioner in proving or disproving this claim.

Should no information and/ or representations from the affected party/ parties be forthcoming within the stipulated period, the affected party/parties shall be *ipso facto* barred from further doing so and the Commission shall continue with the publication of the withdrawal notice.

Any comments and information should be submitted to:

The Regional Land Claims Commissioner: KwaZulu-Natal Private Bag X9120, Pietermaritzburg 3200

Tel: (033) 355 - 8400 Fax: (033) 342 - 3409

Submissions may also be delivered to Second Floor, 200 Church Street, Pietermaritzburg.

LEBJANE MAPHUTHA REGIONAL LAND CLAIMS COMMISSIONER: KWAZULU NATAL DATE: The Tittle Deed search results of the proposed project area are as follows:

Printed: 2020/01/09 11:49 A LexisNexis® Product

Farm List

Date Requested Deeds Office Registration Division GT
 Farm Name
 OUTFALL

 Farm Number
 2414

 Remaining Extent
 NOT SELECTED

2020/01/09 11:48 PIETERMARITZBURG

PORTION	PORTION LIST								
Portion	Owner	Title Deed	Registration Date	Purchase Price (R)					
0	RSA	T2101/1940	1940/05/01	R0.00					
1	KOMPAS TRUST-TRUSTEES	T62243/2004	2004/11/25	R640000.00					
2	*** NO LONGER EXISTS - SEE ENDORSEMENTS ***		-						
3	BRUYNS PETRUS HENDRIK	T30254/2006	2006/07/03	R1400000.00					
4	ROBINSON KENNETH JOHN LEON	T21801/1985	1985/11/07	R0.00					
5	ROBINSON KENNETH JOHN LEON	T21801/1985	1985/11/07	R0.00					
6	KOMPAS TRUST-TRUSTEES	T62243/2004	2004/11/25	R640000.00					

DISCLAIMER

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i) Summary of issues raised by I&APs

(Complete the table summarising comments and issues raised, and reaction to those responses)

Table 6: Summary of issues raised during the public comment period.

Interested and Affected Parties List the names of persons consulter in this column, and Mark with an X where those who must be consulted were in fact consulted	d	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
AFFECTED PARTIES					
Landowners/s					
Mr Kenneth John Leon Robinson Portions 4 & 5 Cell: +27 84 518 6964 Email: ken.robinsonfarming@gmail.com	x	02/02/2020 (via email)	Prospecting and drilling have already taken place, you can obtain the results.	We cannot acquire the drilling data as we do not have any information regarding the company that drilled before. Furthermore, our company prides itself in accuracy and validation of its own results, therefore we do not want to rely on other sources that may be inaccurate.	See Appendix D for full consultation.

Interested and Affected Parties List the names of persons consulter in this column, and Mark with an X where those who must be consulted were in fact consulted	d	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Mr Petrus Hendrik Bruyns Portion 3 Cell: +27 83 776 6665 Email: <u>woesie3@gmail.com</u>	X		No issues raised yet.	Consultation email was sent with BID (14/01/2020) Email was sent inviting Landowner to consultation meeting (06/02/2020)	Please refer to appendix D for full consultation.
Mr F.C Bester Email: fcbester@telkomsa.net Email: fcbester@telkomsa.net Internet Email: fcbester@telkomsa.ne	X	19/02/2020 (via email)	No representatives have made contact with our client to obtain their consent. The landowner only became aware of the application on the 19 th of January 2020 after taking note of the notice placed on their boundary. No representatives made contact with our client to obtain their	The EAP was still in the process of trying to acquire Mr Org Burger's contact details as the portions he owns were registered under Kompas Trust. The purpose of the notices placed on the farm boundaries was to notify and draw attention of all interested affected parties of the project. This was also an attempt to	Please refer to appendix D for BID.

Interested and Affected Parties List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
		consent for the placement of the prescribed notice. Our clients believe that you have failed to consult with them as provided for in the MPRDA. You failed to consult with our client prior to 13 January 2020, as mentioned in the Acceptance Letter dated 19 November 2019. We are also of the opinion that you failed to consult with all the other land owners.	locate the landowner and acquire his contact details. Contacts for the other landowners were acquired and the consultation process is ongoing. As stipulated in our BID, there is a 30 day period for consultation as well as a 30 day review period for the draft BAR and EMPR.	
Adjacent Landowner				

Interested and Affected Parties List the names of persons consulter in this column, and Mark with an X where those who must be consulted were in fact consulted	ed	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Local Municipality					
Endumeni Local Municipality Nokwanda Mthethwa Environmental planning Officer Email: <u>mthethwan@endumeni.gov.za</u>	X		No issues raised yet	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation.
Zakhele Mndaweni Manager: Environment and Waste Cell: +27 82 806 0706 Email: <u>zmndaweni@endumeni.gov.za</u> Mou Mthembu					
Cell: +27 82 510 8819					

Interested and Affected Parties List the names of persons consulter in this column, and Mark with an X where those who must be consulted were in fact consulted	d	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Email: <u>mthembum@endumeni.gov.za</u>					
District Municipality					
Umzinyathi District Municipality Mr Lihle Zungu Tel: +27 34 219 1508 Email: <u>zungulp@umzinyathi.gov.za</u>	x		No issues raised yet.	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation
Councillor					
Ward 1 cllr Zwane Cell: +27 71 892 1446 Email: <u>cllrzwane@gmail.com</u>	x		No issues raised yet.	BID was hand delivered to the local municipality.	Please refer to appendix

Interested and Affected Parties List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted	d	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Organs of state (Responsible for infrastructure that may be					D for full consultation
affected Roads Department, Eskom, Telkom, DWA					
agriculture, forestry & fisheries Department: Agriculture, Forestry and Fisheries REPUBLIC OF SOUTH AFRICA	X	13/01/2020 (via email)	The department will not be able to provide final comments at this stage, comments will be provided upon receipt of the draft BAR and EMPR.	The draft BAR and EMPR will be emailed to the department as soon as it is available for review.	See appendix D for full consultation
Ms Karen Moodly Email: <u>KarenM@daff.gov.za</u>					
Buhle M. Email: <u>BuhleM@daff.gov.za</u>					

Interested and Affected Parties List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Mr Thembalakhe Sibozana Tel: +27 33 392 7700 Fax: +27 33 342 8783 Web: www.daff.gov.za Email: <u>PMBResourceCentre@daf</u> <u>f.gov.za</u> ThembalakheS@daff.gov.za				
Mineral resources Department: Mineral Resources REPUBLIC OF SOUTH AFRICA Ngobile Khanyile Email: ngobile.khanyile@DMR.gov.za	X	No issues raised yet	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation

Interested and Affected Parties List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
water & sanitation Department: Water and Sanitation REPUBLIC OF SOUTH AFRICA Mr Ashley Starkey Chief Director: KwaZulu-Natal Email: <u>StarkeyA@dws.gov.za</u> Pillay R Email: <u>pillayr@dws.gov.za</u>	K	No issues raised yet	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation
Image: Conservation, Partnerships & Economics Nerissa Pillay Email: nerissa.pillay@kznwildlife.com	K	No issues raised yet.	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation

Interested and Affected Parties List the names of persons consulter in this column, and Mark with an X where those who must be consulted were in fact consulted		e Issued Raised aments eived		EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Mrs Dinesree Thambu-Moodley Tel: 033 845 1425 Fax: 033 845 1499 e-mail: <u>dinesree.thambu@kznwildlife.co</u> <u>m</u>	X	No issues raise	d yet	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation
edtea Department : Economic Development, Tourism and Environmental Alfairs PROVINCE OF KWAZULU-NATAL	X	No issues raised	d yet	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation
Kacy Rengasamy Email: <u>Kacy.Rengasamy@kznedtea.go</u> <u>v.za</u> Sipho Mkhwanazi					

Interested and Affected Parties List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Email: <u>sipho.mkhwanazi@kznedtea.gov</u> <u>.za</u> Gerald Willis-Smith Email: <u>Gerald.Willis-</u> <u>Smith@kznedtea.gov.za</u>				
Department: PROVINCE OF KWAZULU-NATAL Department of Public Works, Road and Infrastructures Tel: 033 355 5500 Email: info@kznworks.gov.za	X	No issues raised yet.	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation

Interested and Affected Parties List the names of persons consulter in this column, and Mark with an X where those who must be consulted were in fact consulted	d	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Department of Labour Mbongeni Tshabalala Email: <u>Mbongeni.Tshabalala@labour.g</u> <u>ov.za</u>	X		No issues raised yet.	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation
transport Department: Transport PROVINCE OF KWAZULU-NATAL Ms. Zilungile Khanyile Tell: 034 212 2127 Email: zilungile.khanyile@kzntransport.g. ov.za	X		No issues raised yet.	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation

Interested and Affected Parties List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted		Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Department of Arts and Culture	x	06/02/2020 (via email)	Please visit <u>www.heritagekzn.co.za</u> , download Form J and refer to application guidelines therein.	Application process ongoing	Please refer to appendix D for full consultation.

Interested and Affected Parties List the names of persons consulter in this column, and Mark with an X where those who must be consulted were in fact consulted	d	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Email: <u>lindim@amafapmb.co.za</u>					
Sanber Biodiversity for Life South African National Biodiversity Institute Moshe Dipolelo. Email: <u>D.Moshe@sanbi.org.za</u>	x		No issues raised yet.	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation
South African NATIONAL PARKS	x		No issues raised yet.	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation
Akani Shivambu Tel: 013 735 4265 / 013 735 4196					

Interested and Affected Parties List the names of persons consulter in this column, and Mark with an X where those who must be consulted were in fact consulted	d	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Akani.shivambu@sanparks.org					
Telkom Email <u>: wyleaves2@telkom.co.za</u>	X		No issues raised yet.	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation
	X	21/01/2020	No building or structures may be	No drill site will be positioned	Please refer
		(via email)	erected or installed above or below	within 100 m of a structure	to section 6.1 of this report
AFekom			the surface of the ground,		
() Eskom			neither may any material which		
			might endanger the safety of the 22		
			Kv overhead powerline be placed		
Siyabonga Nsele			within12m from the center line of this		
Email: <u>Nselesi@eskom.co.za</u>			power line, on either side without		
Cell: +27 84 233 4610 Fax: +27 31 710 5146			prior written confirmation from		
			Eskom.		
<u>SibiyaTG@eskom.co.za</u>					

Interested and Affected Parties List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted		Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Lungile Motsisi <u>MotsisL@eskom.co.za</u> Tel: +27 11 800 5734			Prior to any construction activity, the applicant is required to contact Eskom and detailed plans are to be submitted to this office.		
SANRAL SECTIMATECAN NATIONAL ROADS ACCINCY SOCI TO MARKEN SCIENCE SOCIAL DE ENCLOSE SOUTH AFRICA HROUGH BETTER ROADS Nomsa Modise Email: modisen@nra.co.za	X		No issues raised yet.	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation

Interested and Affected Parties List the names of persons consulter in this column, and Mark with an X where those who must be consulted were in fact consulted	d	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Ray Teichmann Email: <u>ray.teichmann@transnet.net</u>	X		No issues raised yet.	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation
Birdlife Email: advocacy@birdlife.org.za	X		No issues raised yet.	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation
COMMISSION ON RESTITUTION OF LAND RIGHTS Department of Rural	X	22/01/2020 (via email)	The properties fall under the Ndumeni Community claim and Sithole Tribe claim.	Efforts will be made to locate and consult the land claimants.	Please refer to Appendix D for Land Restitution Letter and full consultation.
Development and Land Reform (DRDLR)					

Interested and Affected Parties List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted	Date Commer Received		EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Lynn Boucher Email: Lynn.boucher@drdlr.gov.za Nelisiwe Magubane Email: nelisiwe.magubane@drdlr.gov.z a Bheki Mbili Email: <u>bheki.mbili@drdlr.gov.za</u>				
OTHER AFFECTED PARTIES				
Inkosi Nsikayezwe Winston Sithole on behalf of the Sithole tribe. (Land Claimants)	x	No issues raised yet.	Consultation email was sent with BID (11/01/2020)	Please refer to appendix D for full consultation

Interested and Affected Parties List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted	Date Comments Received	Issued Raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and or response were incorporated
Skhumbuzo Miya UThukela District office Tel: +27 36 631 4838 Fax: +27 36 632 2129 Cell: +27 73 800 6855 Email: <u>skhumbuzo.miya@kzncogta.gov.</u> <u>Za</u>				
Sibongile Mahlaba on behalf of the Ndumeni community. (Land Claimant)				

8 DESCRIPTION OF THE ENVIRONMENT

I The Environmental attributes associated with the alternatives.

(The environmental attributed described must include socio-economic, social, heritage, cultural, geographical, physical and biological aspects)

i) Baseline Environment

In order to determine the baseline environment of the proposed location in Endumeni, specialist investigations were initiated. The section to follow summarises these findings and recommendations.

Type of environment affected by the proposed activity.

(Its current geographical, physical, biological, socio-economic, and cultural character).

8.1 Geographical Character

The regional geology of the area influences the geographical character of the area.

8.1.1 Regional Geology

The description of the geology is based on the existing knowledge and literature of the region.

8.1.1.1 Karoo Supergroup

The name "Karoo" was first used by Bain in 1856 to describe the strata overlying the extensive tillite horizon, now named the Dwyka Formation (SACS, 1980). Sediments of the Karoo Sequence were deposited in, and into, a large body of water, possibly marine (Cadle et al., 1990). The basin into which these sediments were being deposited was quite large and today the sediments cover an area of roughly 550 000 km2 on the southern African mainland.

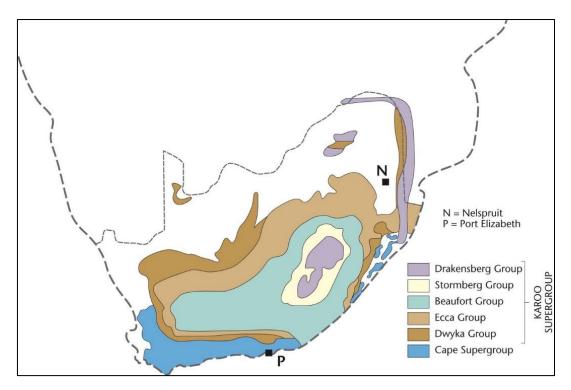


Figure 13: Karoo Basin in South Africa

Deposition of the Karoo Sequence sediments started with the melting of the glaciers that covered most of the African subcontinent in the Carboniferous, around 340 million years ago. The melting of the glaciers resulted in the deposition of an extensive tillite horizon, called the Dwyka Formation. Following the retreat of the glaciers the basin was transgressed by the Ecca sea, with active sediment fill from the south and north (Cadle et al., 1990). As the climate slowly warmed the sediment style became more terrestrial. The major depositional style in the Beaufort Group is fluvio-deltaic. Sediment deposition actively continued until it was interrupted by the outpouring of the Drakensberg lavas in the mid Jurassic, roughly 170 million years ago (Cadle et al., 1990).

The geological group in the proposed project area is the Karoo Supergroup, comprising alternating bands of fine-grained sandstone, shale and mudstone that were deposited in the slowly subsiding Karoo Basin.

Karoo Supergroup can be subdivided into the Dwyka, Ecca, Beaufort and Drakensberg Group, Molteno, Elliot and Clarens Formations.

PERIOD (AGE)	GROUP	FORMATION	ROCK TYPES
Jurassic (150 mv)		Drakensberg	Basaltic lava
		Clarens	Fine-grained sandstone
Triassic (195 my)		Elliot	Red sandstone, mudstone
		Molteno	Sandstone, sub-ordinate coal
	Beaufort	Tarkastad	Sandstone, shale
		Estcourt	Sandstone, shale, sub-ordinate coal
Permian (225 my)		Volksrust	Shale, sandstone, sub-ordinate coal
	Ecca	Vryheid	Sandstone, shale, coal
		Pietermaritzburg	Shale
Upper Carboniferous (285 my)		Dwyka	Tillite, varved shale

Table 7: Stratigraphic units of the Karoo Supergroup

a) Ecca Group

During the Early Permian deep marine shales, submarine-fan sediments and shelf shales were deposited along the southern margin of the Karoo basin. At this time the sediments from the northern, more passive margin, were more shallow water, deltaic and fluvial sediments with associated coal seams (Cadle et al., 1990). All these sediments together make up the Ecca Group. Sediments of the Ecca Group attain a maximum thickness of over 400 m (SACS, 1980).

The Ecca Group sediments can be subdivided into three distinct formations (from old to young): the Pietermaritzburg, the Vryheid, and the Volksrust formations (SACS, 1980). The Pietermaritzburg and Volksrust Formations merge southwards to form the central Ecca shale facies and represent shales deposited on the marine shelf. The Vryheid Formation on the other hand comprises a series of alternating conglomerates, sandstones and shales within which the coal seams are found. The sandstones are predominantly developed only at the margin of the basin (SACS, 1980).

8.1.2 Local Geology

Geological formations present in the proposed project area are indicated in Figure 14 below and include the following:

- a. Vryheid Formation
- b. Karoo Dolerite
- c. Volksrust Formation
- d. Masotcheni Formation

a. Vryheid Formation:

This formation has been subdivided into three different lithofacies arrangements. They are dominated by fine-grained mudstone, carbonaceous shale with alternating layers of bituminous coal seams, and coarse-grained, bioturbated immature sandstones respectively. The alternating rock types observed in the Vryheid Formation indicate seasonal variations of storms and fairer weather in a pro-delta setting. The carbonaceous shales were formed below the water surface in anoxic conditions and the coal formed from compacted plant matter deposited at the bottom of peat swamps. The Vryheid Formation reaches a maximum of 1030m in Nongoma, KwaZulu-Natal, within the Nongoma Graben.

b. Volksrust Formation:

Mainly comprises silt-rich, grey to black shale containing thin, bioturbated siltstone or sandstone lenses. Deposits of this formation interfinger laterally with the underlying Vryheid Formation and overlying Beaufort Group rock deposits. The rock sediments are fine-grained overall, indicating that the rock sediments were deposited in both lacustrine to lagoonal and shallow coastal settings. A large pelecypod marine bivalve has been recovered from this formation.

c. Masotcheni Formation:

The Masotcheni Formation comprises of thick, unconsolidated colluvial deposits buried on rock pediments on lower hill slopes. These colluvial sediments accumulated through sheetwash transport of sediment derived from erosion of soils and talus on upper slopes during the Late Pleistocene and Holocene (Botha and Partridge, 2000).

Infilled and buried paleogully topography attest to at least four geomorphic cycles during the last 120 000 years. Variations in profile characteristics of the formation points to changing environments, particularly drainage conditions. Climatic change in the region led to periods of instability on hillslopes during which soils were eroded, dongas incised and colluvium accumulated on lower slopes. Soils formed during subsequent periods of geomorphic instability and were incised or buried during following phases of colluviation (Botha, 1996).

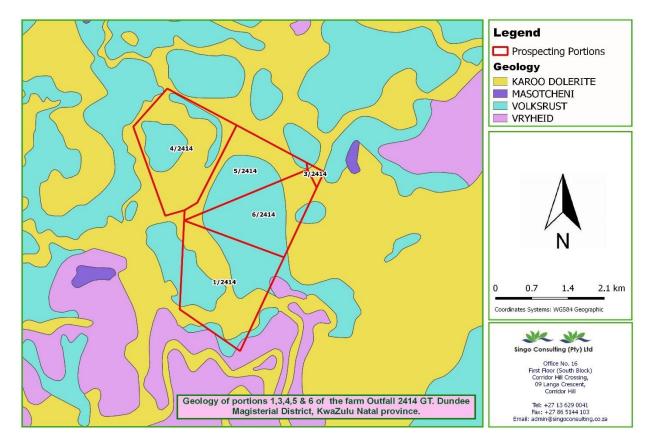


Figure 14: Geological map of the proposed project area.

KwaZulu-Natal's coal is situated within five coalfields, namely from west to east, Klip River, Utrecht, Vryheid, Nongoma and Somkele. Seams are mainly developed within the Ecca Group of the Karoo Sequence with the exception of Somkele and eastern Nongoma, which are located in the Beaufort Group. Faults are frequently associated with various dolerite intrusions correlated to the Karoo basalts. Post-Ecca dolerite intrusions riddle the area, either eliminating the coal by burning seams or enhancing overall rank and quality. the coal in the fields is generally of a high quality, ranking largely as anthracite.

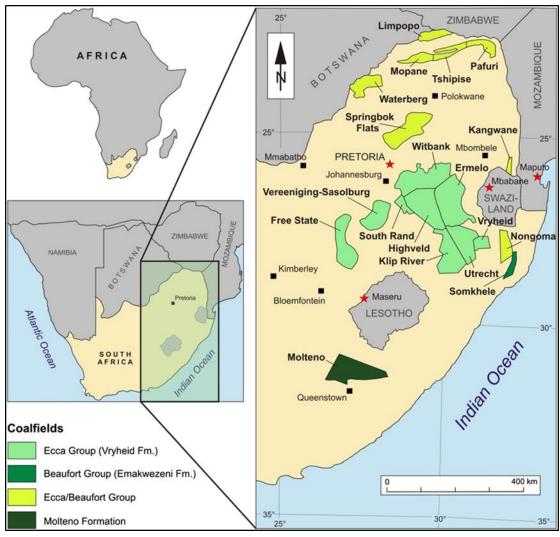


Figure 15: Coalfields of South Africa. (variously modified after Snyman, 1998)

A. Klip river Coalfield

The proposed project falls under Klip river Coalfield which is the largest of the KwaZulu-Natal Coalfields and historically, is the most important. It is roughly triangular in shape and the area is bounded on the west by the Drakensberg Mountain Range, the Utrecht Coalfield in the east and stretches N-S from just north of Newcastle to Ladysmith in the south.

Two economic seams are present, namely the Top Seam (0.5 to 3.3m thick) of bright coal and the Bottom Seam (0.5 to 1.3m thick) with comparatively less coal. Although the quality varies across the seams, they both yield a generally high-grade product with ranks from bituminous coal to anthracite. The best quality coals are produced in the central part of the field, with qualities decreasing and seams thinning to the north and south. Devolatilization of the coal by dolerite intrusion has caused the formation of lean coal and anthracite for domestic use. The Top Seam is often considered the correlation of the Alfred Seam within the Utrecht and Vryheid Coalfields. Similarly, the Bottom Seam is considered the equivalent of the Gus Seam.

8.2 Topography and drainage

The general topography of the proposed project area ranges from 1340 meters above mean sea level (mamsl) to about 1580mamsl (please refer to Hydrology and Topology map, Figure 16 below. The prospecting area has a perennial river, non-perennial rivers and seeps. The flow of water is from the south to the north direction, with reference to the topology of this area. Groundwater flow is expected to follow topography flowing towards a discharge point. All water bodies will be protected from any activities by a 500m bufferzone.

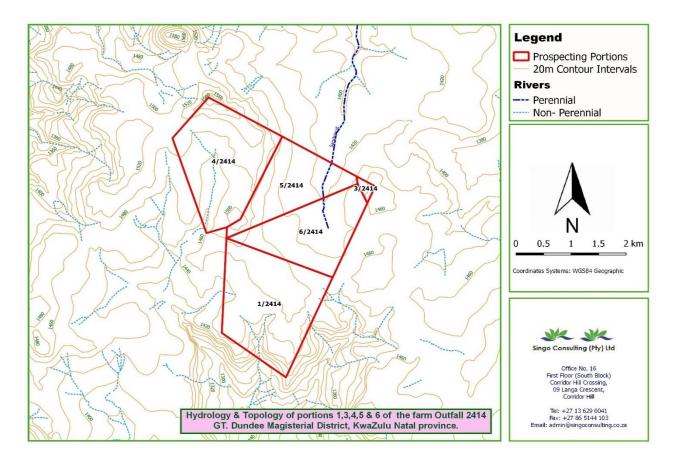


Figure 16: Topological map of the proposed project area.



Figure 17: The river identified within the project area during site assessment.

8.3 Climate

Climate is basically the statistics of weather conditions over long periods of time. It entails patterns of; temperature, humidity, wind, precipitation, atmospheric particle count in a region over long periods of time. The climate is warm and temperate in

i. Average weather in Dundee

Dundee. When compared with winter, the summers have much more rainfall. This location is classified as Cwb by Köppen and Geiger. The average annual temperature in Dundee is 17.1 °C. In a year, the average rainfall is 765 mm.

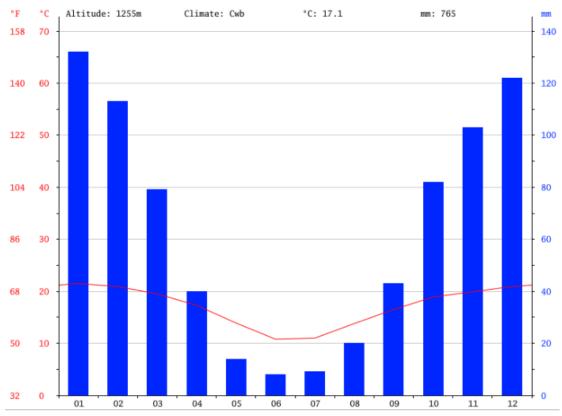


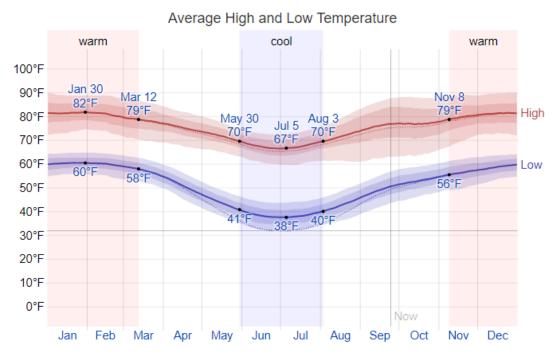
Figure 18: Graph showing summary of average weather for the proposed site. (Source: www.weatherspark.com)

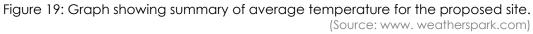
ii. Temperature

In Dundee, the wet season is warm, the dry season is comfortable, and it is mostly clear year-round. Over the course of the year, the temperature typically varies from 38°F to 82°F and is rarely below 32°For above 90°F.

The warm season lasts for 4.1 months, from November 8 to March 12, with an average daily high temperature above 79°F. The hottest day of the year is January 30, with an average high of 82°F and low of 60°F.

The cool season lasts for 2.1 months, from May 30 to August 3, with an average daily high temperature below 70°F. The coldest day of the year is July 5, with an average low of 38°F and high of 67°F





The daily average high (red line) and low (blue line) temperature, with 25th to 75th and 10th to 90th percentile bands. The thin dotted lines are the corresponding average perceived temperatures.

iii. Precipitation

A wet day is one with at least 0.04 inches of liquid or liquid-equivalent precipitation. The chance of wet days in Dundee varies very significantly throughout the year.

The wetter season lasts 5.6 months, from October 10 to March 28, with a greater than 30% chance of a given day being a wet day. The chance of a wet day peaks at 56% on December 19.

The drier season lasts 6.4 months, from March 28 to October 10. The smallest chance of a wet day is 3% on July 2.

Among wet days, we distinguish between those that experience rain alone, snow alone, or a mixture of the two. Based on this categorization, the most common form of precipitation throughout the year is rain alone, with a peak probability of 56% on December 19.



Daily Chance of Precipitation

Figure 20: Graph showing summary of average Precipitation for the proposed site. (Source: www. weatherspark.com)

The percentage of days in which various types of precipitation are observed, excluding trace quantities: rain alone, snow alone, and mixed (both rain and snow fell in the same day).

iv. Rainfall

To show variation within the months and not just the monthly totals, we show the rainfall accumulated over a sliding 31-day period centered around each day of the year. Dundee experiences extreme seasonal variation in monthly rainfall.

The rainy period of the year lasts for 9.3 months, from July 30 to May 7, with a sliding 31day rainfall of at least 0.5 inches. The most rain falls during the 31 days centered around January 24, with an average total accumulation of 4.4 inches.

The rainless period of the year lasts for 2.7 months, from May 7 to July 30. The least rain falls around June 24, with an average total accumulation of 0.3 inches. The rainless period of the year lasts for 2.7 months, from May 7 to July 30. The least rain falls around June 24, with an average total accumulation of 0.3 inches.

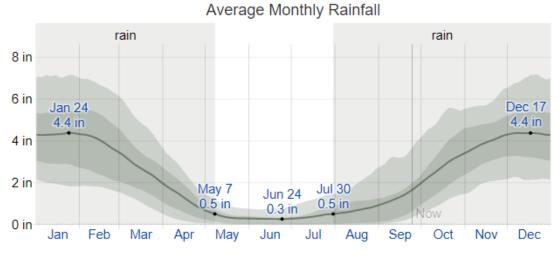


Figure 21: Graph showing summary of average monthly rainfall for the proposed site. (Source: www. weatherspark.com)

The average rainfall (solid line) accumulated over the course of a sliding 31-day period centered on the day in question, with 25th to 75th and 10th to 90th percentile bands. The thin dotted line is the corresponding average liquid-equivalent snowfall.

Rainfall ranges between 600mm to more than 1000mm per annum with the proposed project area as seen in figure 22 below.

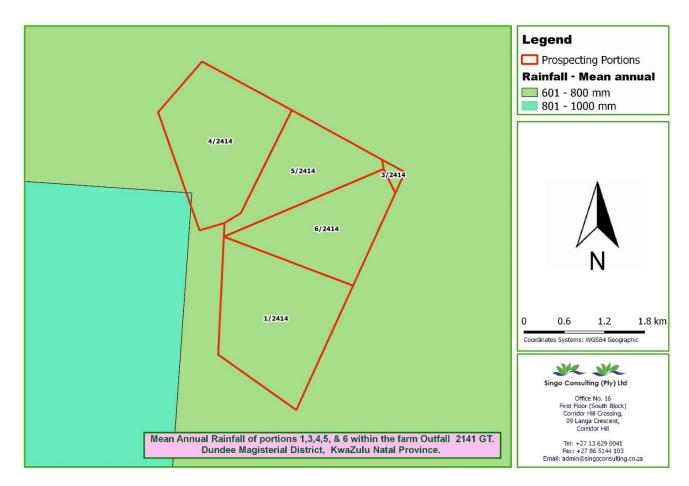


Figure 22: Map shows mean annual Rainfall within proposed project area.

v. Wind

This section discusses the wide-area hourly average wind vector (speed and direction) at 10 meters above the ground. The wind experienced at any given location is highly dependent on local topography and other factors, and instantaneous wind speed and direction vary more widely than hourly averages.

The average hourly wind speed in Dundee experiences significant seasonal variation over the course of the year.

The windier part of the year lasts for 6.1 months, from June 9 to December 12, with average wind speeds of more than 7.9 miles per hour. The windiest day of the year is September 13, with an average hourly wind speed of 9.4 miles per hour.

The calmer time of year lasts for 5.9 months, from December 12 to June 9. The calmest day of the year is March 31, with an average hourly wind speed of 6.3 miles per hour

Average Wind Speed

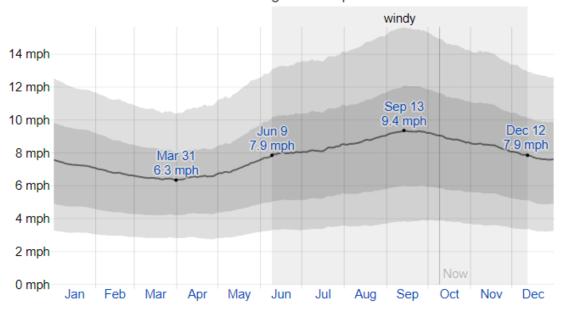


Figure 23: Graph showing summary of average wind speed for the proposed site. (Source: www. weatherspark.com)

8.4 Air Quality

The main objective of the Air Quality Impact Assessment is to determine the potential impact of emissions from the operational activities associated with the proposed prospecting project on ambient air quality. The proposed project area and surrounding where mainly utilised for Livestock farming, cultivation and more or less residential purposes. Sources identified as possibly impacting the air quality in the region include, but are not limited to:

- Fugitive dust: This includes fugitive dust from paved and unpaved roads, agricultural activities (land preparation and harvesting) and wind erosion from open areas, which generates fugitive dust and PM10. These activities may result in emissions such as PM10 (i.e. particulates with an aerodynamic diameter of less than 10µm), PM 2.5 (i.e. particulates with an aerodynamic diameter of less than 2.5µm), as well as nuisance dust.
- **Stack emissions**: stack emission include the release of Sulphur dioxide (SO₂) and heavy metals from surrounding nearby mining operations;
- Biomass burning biomass: burning emissions include with carbon monoxide (CO), methane (CH₄) and nitrogen dioxide (NO₂) gases;
- Household fuel combustion: It is likely that households within the local utilize coal or wood for cooking and space heating (during winter) purposes. Emissions from domestic burning include PM10, carbon dioxide (CO₂), Sulphur dioxide SO₂ and carbon monoxide (CO).

• Vehicle tailpipe emissions: Significant primary pollutants include carbon dioxide (CO₂), carbon (C), Sulphur dioxide (SO₂), oxides of nitrogen (mainly NO), particulates and lead. Secondary pollutants include NO₂, photochemical oxidants such as ozone, Sulphur acid, sulphates, nitric acid, and nitrate aerosols (particulate matter).

The project that we are proposing will not be the source of some of the sources mentioned above. However, our project can contribute in some of them namely; Fugitive dust and Vehicle tailpipe. Therefore, there can be solutions and education that can be provided by us in some of the problems such as:

- Household fuel combustion-regarding this, we can advise people to wear warm clothes during winter than burning of woods to warm the space or using electric heaters.
- **Fugitive dust** -On this issue we will make sure that the dust is being suppressed all the time

-Reduced unnecessary trips

-Vehicles low speed will be implemented

- Vehicle tailpipe emissions-all vehicles should be serviced and always be in a good condition to avoid producing unnecessary smoke.
- **Biomass burning**-the drilling team will be advised not to start any fire on site to avoid burning of the bush but then if this happens the EAP will be informed and call fire fighters to end the fire.

8.5 Groundwater

The project area is underlain by the geology traces of the Karoo supergroup. Basically, the majority local geology of the project area is covered by the Vryheid formation. The dominant rocks of the Vryheid formation that can be found are; sandstones together with subequal or subordinate mud rock/rhythmite. The base of an idealized coarsening upwards deltaic cycle in the eastern part of the Vryheid formation consists of dark grey, muddy siltstone resulting from shelf suspension deposition in anoxic water of moderate depth.

The weathered zone of the Karoo sediments hosts the unconfined or semi-confined shallow weathered Karoo aquifer. Water levels are often shallow (few meters below ground level) and the water quality good due to direct rainfall recharge and dynamic groundwater flow through the unconfined aquifer in weathered sediments, which makes it also vulnerable to pollution.

The fractured Karoo aquifer consists of the various lithologies of siltstone, shale, sandstone and the coal seams. The pores of the geological units are generally well cemented, and the principle flow mechanism is fractured flow along secondary structures e.g. faults, bedding plane fractures etc. The intrusion of the fractured aquifer by dolerite dykes and sills has led to the formation of preferential flow paths along the contacts of these lithologies due to the formation of cooling joints. The dykes may act as permeable or semi-permeable features to impede flow across the dykes

8.6 Surface Water (Rivers)

It can be deduced from the below map that Dundee area is dominated by surface water, falling under the minor aquifer classification. Surface water bodies must be protected as most of the water in this area is supplied by surface water bodies.

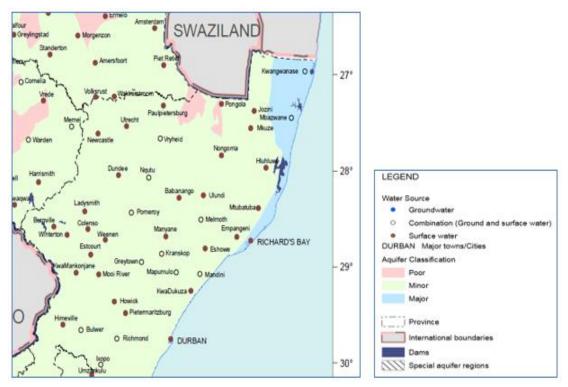


Figure 24: Aquifer classification of South Africa

Within the Anticipated project area there is Sandspruit River that flows from the South towards the Northen direction.

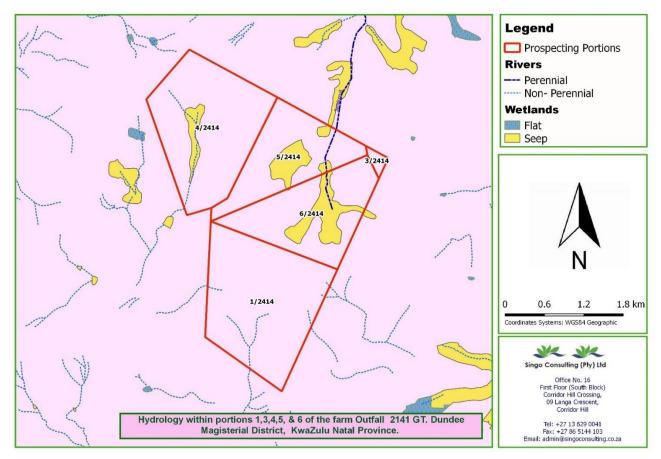


Figure 25: Hydrological map of the proposed project area.

A 500 m radius from the boundary (extent) buffer of any wetland or pan was delineated and mapped as seen in figure 26 below.

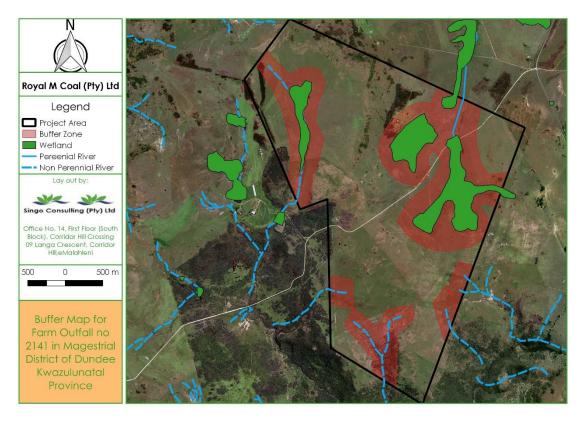


Figure 26: Buffer map of the proposed project area.

8.7 Soils

The proposed prospecting project situated southern site of Dundee Town where soil covered Classified into four classes as seen in figure 27 below. Undifferentiated structureless soils, Undifferentiated shallow soils and land classes, structureless and poory drained soils and Lithosols (shallow soils on hard or weathering rock)

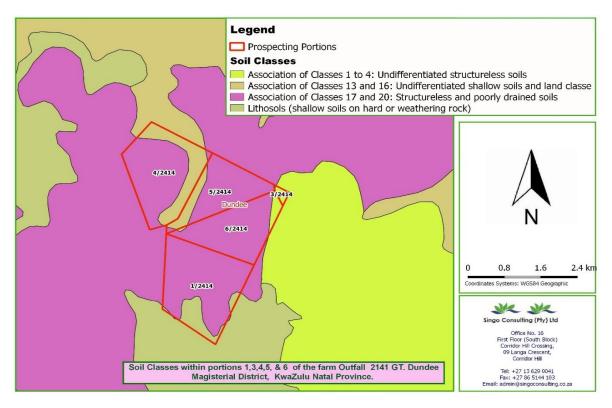


Figure 27: Soil Classes map of the proposed project area.

The **undifferentiated structureless soils** on the application area are described as red, yellow and / or greyish soils with low to medium base status. The soil class could display one or more of the following: low base status, restricted soil depth, excessive or imperfect drainage and/ or high erodibility

The **Undifferentiated structureless soils** and **Structureless and poorly drained soils** are characterized by sandy, red soil that is less productive due to the dominance of sandy soils that have severe limitations which minimize crop selection or require special management practices; soils and diverse areas have limitations that restrict commercial plant production and restrict their use to recreational, wildlife or aesthetic purposes. Some of the depicted structureless soils are, red apedal soil, yellow-brown apedal soils as well as plinthic soils

Lithosols are present on the southern part of the proposed project area. Lithosols may receive water runoff from associated rock. The soils have a restricted soil depth and is associated with rockiness



Figure 28: Soil type of the proposed project area.

8.8 Vegetation (Flora)

Flora is the plant life occurring in a particular region or time, generally the naturally occurring or indigenous—native plant life.

8.8.1 Natal Central Bushveld

The area consists of the Natal Central Bushveld as seen in figure 29 below. Granger (1996) concluded that this vegetation type is highly transformed and poorly conserved and because of intensive grazing and fire, it requires careful management.

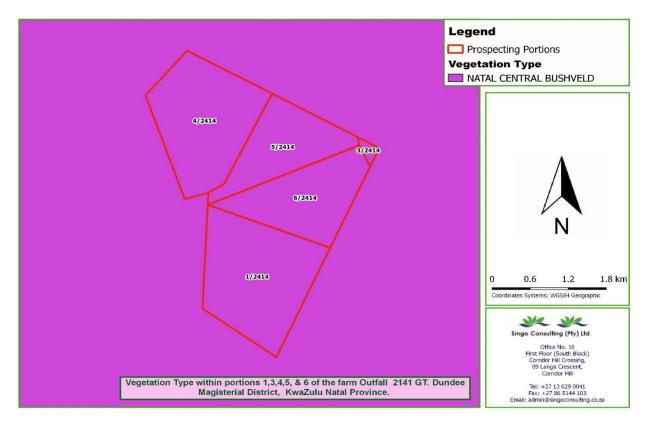


Figure 29: Vegetation type map of the proposed project area.





b



Figure 30: (a,b,c & d)Vegetation type of the proposed project area.

8.9 Animal Life (Fauna)

Fauna is all the animal life present in a particular region or time. Fauna expected to occur on site include assemblages within terrestrial and riverine ecosystems, including mammals, birds, reptiles, amphibians and invertebrates.

Fauna that were noted within the proposed area where Cattle.



Figure 31: Animals found within the proposed project area.

8.10 Biodiversity

Biodiversity describes the variety of life in an area including the number of different species, the genetic wealth within each species, the interrelationships between them and the natural areas in which they occur.

Critical Biodiversity Areas are areas required to meet biodiversity targets for ecosystems, species and ecological processes, as identified in a systematic biodiversity plan. Ecological Support Areas are not essential for meeting biodiversity targets but play an important role in supporting the ecological functioning of Critical Biodiversity Areas and/or in delivering ecosystem services

The proposed prospecting site falls within an unspecified biodiversity area. (figure 32 below).

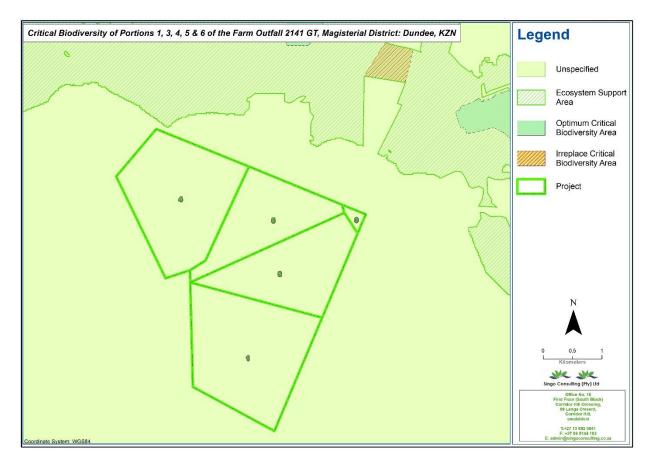


Figure 32: Critical Biodiversity map of the proposed project area.

8.11 Species of Conservation Concern

Flora

According to the screening report done for this project, the location of the proposed project lies in an area of Low plant species combined sensitivity, with a small portion at the southern boundary being categorized as Medium plant species combined sensitivity. This is illustrated in figure 33 below.

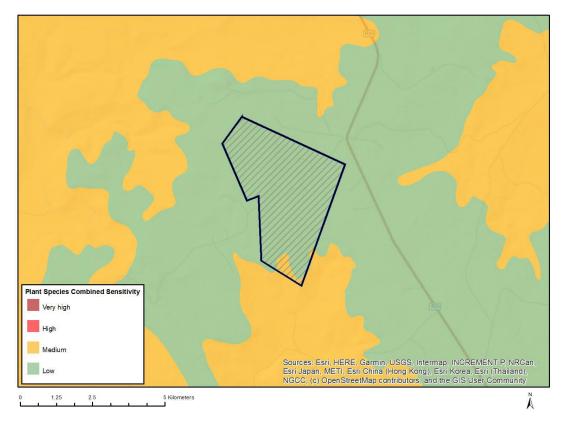


Figure 33: plant species combined sensitivity of the proposed project area

Fauna

The recorded faunal data for the uMzinyathi District includes one (1) Critically Endangered species, three (3) Endangered species, seven (7) Vulnerable species, and fifteen (15) Rare and Endemic species. The recorded data for the uMzinyathi District includes the Critically Endangered Bugeranus carunculatus (wattle crane) and the Endangered Long-toed Tree Frog, Saddle-billed stork and Oribi The Long-toed Tree Frog occurs in grasslands, keeping to areas away from trees, and breeds in upland bogs, grassy wetlands and marshes, generally using semi-permanent water. It has a small range, and lives in a habitat which is continually declining in quality due to threats of afforestation, inappropriate fire regimes, cattle in vleis resulting in trampling and eutrophication, overgrazing, as well as the spread of alien plants that lower the water table and leads to drying out of breeding sites (IUCN, 2011).Wattle Cranes breed in wetlands and forge in grasslands. Destruction, alteration and degradation of wetland habitats constitute the most significant threats to these birds. Their numbers are low, and the habitats are threatened and scattered and difficult to consolidate into reserves.

8.12 Sensitive Environments

8.12.1 Protected Areas

Protected Areas are terrestrial, aquatic or marine areas that are formally protected by law and managed for the purpose of biodiversity conservation. Formal Protected Areas are gazetted in terms of the National Environmental Management: Protected Areas Act, 2003. NEMPAA distinguishes between several categories of Protected Areas: Special Nature Reserves, National Parks, Nature Reserves, and Protected Environments.

8.12.2 Conservation Areas

Conservation Areas are those areas of land not formally protected by law, but where primary land use is conservation. These areas are typically informally protected by the current owners and users and managed at least partly for biodiversity conservation. As Conservation Areas are not gazetted in terms of NEMPAA, they are not considered to be Protected Areas.

8.13 Socio-Economic Environment

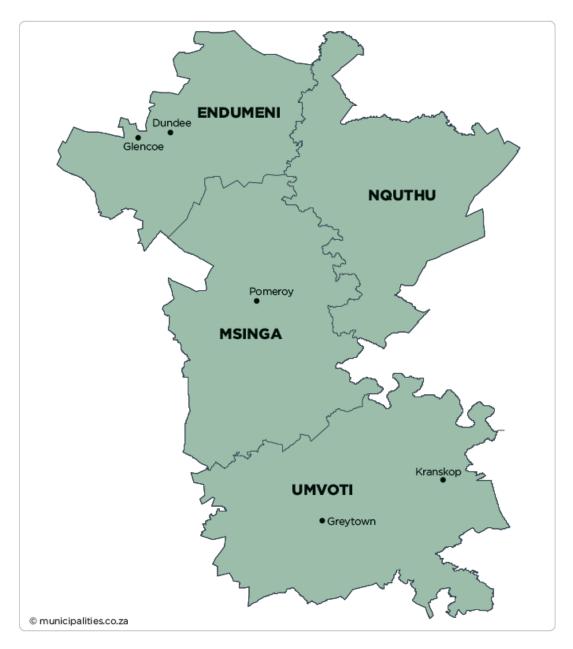


Figure 34: Map of uMzinyathi District Municipality

8.13.1 Population

Umzinyathi District Municipality has an estimated population of 510 337 which is approximately 5% of the KwaZulu-Natal province population that is estimated at 10 347 260. It is one of eleven district municipalities in in the province. The district comprises four local municipalities, namely: Endumeni, Umvoti, Nquthu Nquthu and Msinga. The more developed areas in uMzinyathi are around Dundee, which is the administrative seat of the uMzinyathi District Municipality, and Greytown, which is a strong regional centre with agricultural and commercial activities. uMzinyathi is located in the north central areas of KwaZulu-Natal. The district is among the poorest and most under-developed rural areas of KwaZulu-Natal province. Of the estimated 510 337 residents in UDM, 83.4 % live in rural areas compared to the 16.6 % that live in urban areas in the larger towns (Global Insight, 2013).

More than half of the population are females (55.2%), at an estimated 281 893. The male proportion of the district population is slightly smaller (44.8%), at 228 444. The largest individual share of the population is the youth and young adults, at one-third of the district population, while the elderly are in the minority.

Classification	Age	Number	Share %
Infants	0-4	72 739	15
Children	5-13	132 717	26
Youth and young adults	14-34	169 974	33
Mature adults	35-65	107 755	21
Elderly	70+	27 150	5
Total		510 335	100

Source: Global Insight (2013)

Figure 35: Total Population of Umzinyathi District Municiplity by gender and age

8.13.2 Unemployment and Poverty Analysis

The uMzinyathi District Municipality is characterised by a high level of poverty. Approximately 60% of people live in poverty in the district, compared to 45.3% of people living in poverty within 11 KwaZulu-Natal Provinces as a whole. The Human Development Index (HDI3) is 0.47, which is relatively low compared to the other districts in the pilot study. Income inequality in the district is relatively high, with a Gini Coefficient4 of 0.57 (Global Insight, 2013).

The rate of unemployment in uMzinyathi is high at 29.5%, particularly among the male population which has a 33.1% official rate of unemployment. The female unemployment rate is 25.5%. Figure 36 below illustrates that in KZN, manufacturing (19.7%), households (16%) and community services (15.5%) are sectors that employ a large portion of people, while the sector with the lowest employment is mining (2.4%). For the district, agriculture - at 0.6% of the region's share - seems to employ a lot of people; this is followed by community services and households, with the other sectors providing very little employment.

	Region's share of national total ¹¹ (%)					
Formal Sector Employment	KwaZulu-Natal Province	uMzinyathi District				
Agriculture	13.7%	0.6%				
Mining	2.4%	0.0%				
Manufacturing	19.7%	0.1%				
Electricity	13.0%	0.1%				
Construction	10.8%	0.1%				
Trade	10.5%	0.1%				
Transport	15.6%	0.1%				
Finance	12.5%	0.1%				

Source: Global insight 2013

Figure 36: Employment shares in formal economic sectors KZN and Umzinyathi 2011

8.13.3 Education Levels

Education and skills development are serious challenges to the socio-economic development in uMzinyathi. The levels of adult illiteracy are very high (UDM, 2012: 31). The functional literacy rate in UDM for the age group 20 years and older who completed Grade 7 was 46% for 2011, while the provincial functional literacy rate5 was substantially higher at 71.6% for the same year. The district literacy rate indicates a small and steady rate of improvement over the period 1996-2011. The district literacy rates have improved from 39.6% in 1996 to 46% in 2011, whereas the provincial literacy rates for the same period increased from 60.3% to 71.6% (ibid.). When compared to the provincial rates, the district literacy rate is very low. Figure 37 indicates the levels of formal education attained by people over fifteen years of age in the district. A significant proportion of people have no schooling (22%) while 12% have completed their primary schooling and can be classified as functionally literate. A small number of people have Matric and a Bachelor's degree (0.7%) (ibid.). However, the proportion of people with only a Matric is 14.7%, which is 20 times greater than those with Bachelor's degrees. It is probable that constrained access to higher education, poverty and other social conditions could be preventing learners from study further.

Formal Education Level	Number	Share %
No schooling	67 316	22%
Grade 0-2	7 211	2.4%
Grade 3-6	36 868	12%
Grade 7-9	67 077	22%
Grade 10-11	64 680	21%

Source: Global insight 2013

Figure 37: Highest level of education.

8.14 Heritage Resources

Heritage resources such as Stone Age sites, rock paintings and engravings; stone tools; small, inconspicuous stone walled sites from the Late Iron Age farming communities; formal and informal graveyards, etc. may occur in the project area.

There is no heritage sites or artefacts were discovered within or near the Prospecting area during site assessment. However, should any heritage resources of significance be exposed during the operational phase of the project, the South African Heritage Resources Agency (SAHRA) should be notified immediately, all development activities should be stopped, and an archaeologist accredited with the Association for Southern African Professional Archaeologist (ASAPA) should be notified to determine appropriate mitigation measures for the discovered finds. This may include obtaining the necessary authorisation from SAHRA to conduct the required mitigation measures.

8.15 Land Use

The land use in the proposed project area is mostly dominated by livestock farming of cattle and sheep. Limited plantations can be noted within the project area.

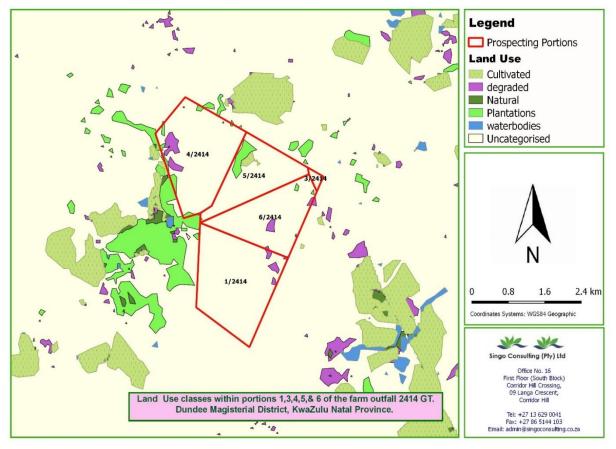


Figure 38: Land use map of the proposed project area.

8.16 Description of specific environmental features and infrastructure on the site.

8.16.1 Environmental features

There are mountains within the proposed prospecting area with few rivers, streams and other wetlands.

Wetlands and rivers

There are Wetlands and rivers (Perennial and Non-Perennial) within the proposed prospecting area. on North-Easten side of the project area, there is Sandspruit river.

Infrastructure

Infrastructure is the fundamental facilities and systems serving a country, city, or other area, including the services and facilities necessary for its economy to function. Infrastructure is composed of public and private physical improvements such as road, bridges, tunnel, water supply sewage electric grids, and telecommunications.

Roads

The property lies within the proposed project area that is situated approximately 20 km South of Dundee Town. There is an unpaved road within the proposed project area, D103, and R33 tar road just outside the project area as seen in figure 39 below.

Electric power line

There are **electric power lines** within the proposed project area.



Figure 39: Infrastructures identified within the proposed project area.

9 Impact Assessment

Impacts and risks identified including the nature, significance, consequence, extent, duration and probability of the impacts, including the degree to which these impacts

(Provide a list of the potential impacts identified of the activities described in the initial site layout that will be undertaken, as informed by both the typical known impacts of such activities, and as informed by the consultations with affected parties together with the significance, probability, and duration of the impacts. Please indicate the extent to which they can be reversed, the extent to which they may cause irreplaceable loss of resources, and can be avoided, managed or mitigated).

9.1 Impact Assessment

The impact Assessment is presented in the table below.

Table 8: Impact Assessment Table

ACTIVITIES	POTENTIAL IMPACT	Extent of impac t	Duratio n of impact	Intensit y of impact	Probability of occurrenc e of impact	SIGNIFICANC E if not mitigated
Vegetation clearance for establishment of drill sites	Removal of / damage to natural vegetation	2	2	1	4	16
Vegetation clearance for establishment of drill sites	Disturbance of riparian habitats, riverbanks or wetland	1	3	3	3	27
Vegetation clearance for establishment of drill sites	The stripping of soil, incorrect stockpiling, erosion and storm water run-off can lead to the loss of topsoil	1	3	3	2	18
Vegetation clearance for establishment of drill sites	Changes to the shape or form of the land	1	1	1	2	2
Vegetation clearance for establishment of drill sites	Impact on current land use	1	1	3	2	6
Vegetation clearance, Site establishment , Drilling activities & movement of	Destruction of cultural heritage sites and artefacts	3	5	3	1	135

ACTIVITIES	POTENTIAL IMPACT	Extent of impac t	Duratio n of impact	Intensit y of impact	Probability of occurrenc e of impact	SIGNIFICANC E if not mitigated
people and equipment on site						
Vegetation clearance for establishment of drill sites	Dust pollution	2	1	3	4	24
Vegetation clearance for establishment of drill sites	Storm water run-off from cleared areas could lead to siltation of surface water	2	2	3	2	24
Workers & material on site	Contaminatio n of soils through spills from sanitation facilities & litter	1	1	2	4	8
Workers & material on site	Fire Hazards	2	3	3	3	54
Workers & material on site	Collection of firewood, damage to property	2	2	3	2	24
Workers & material on site	Contribution to the economy through employment	2	1	3	4	POSITIVE
Workers & material on site	Spread of HIV/Aids to farm workers and local community	2	4	3	2	48
Use of heavy machinery & vehicles on site for drilling	Resource consumption (diesel - non- renewable resource)	2	3	2	2	24
Use of heavy machinery & vehicles on site for drilling	Contaminatio n of soils through hydrocarbon leaks and spills from machinery & equipment	1	2	3	3	18
Use of heavy machinery & vehicles on site for drilling	Use of groundwater for drilling activities	2	1	3	3	18
Use of heavy machinery &	Contaminatio n of surface	2	3	3	2	36

ACTIVITIES	POTENTIAL IMPACT	Extent of impac t	Duratio n of impact	Intensit y of impact	Probability of occurrenc e of impact	SIGNIFICANC E if not mitigated
vehicles on site for drilling	water through hydrocarbon leaks and spills from machinery & equipment					
Use of heavy machinery & vehicles on site for drilling	Contaminatio n of groundwater through hydrocarbon leaks and spills from machinery & equipment	2	3	3	1	18
Use of heavy machinery & vehicles on site for drilling	Compaction of soils through movement of heavy vehicles and machinery on site	1	1	2	4	8
Use of heavy machinery & vehicles on site for drilling	Damage to vegetation	1	2	3	4	24
Use of heavy machinery & vehicles on site for drilling	Release of gaseous emissions	2	2	3	3	36
Use of heavy machinery & vehicles on site for drilling	Dust Fallout	2	1	3	4	24
Use of heavy machinery & vehicles on site for drilling	Increase in ambient noise levels	2	1	3	4	24
Use of heavy machinery & vehicles on site for drilling	Visual intrusion	1	1	2	4	8
Use of heavy machinery & vehicles on site for drilling	Disturbance of fauna species in the vicinity	2	2	3	4	48
Use of heavy machinery & vehicles on site for drilling	Release of methane gas from exploration boreholes	2	2	2	4	32
Use of heavy machinery &	Cross- contamination of aquifers due to	3	3	4	2	72

ACTIVITIES	POTENTIAL IMPACT	Extent of impac t	Duratio n of impact	Intensit y of impact	Probability of occurrenc e of impact	SIGNIFICANC E if not mitigated
vehicles on site for drilling	borehole construction					
Use of heavy machinery & vehicles on site for drilling	Proliferation of invasive plant species	1	3	3	4	36
Closure						
Concurrent rehabilitation	Reducing soil compaction of disturbed area and access roads to improve drainage and control erosion	1	4	1	4	POSITIVE
Concurrent rehabilitation	Use stockpiled topsoil to close sumps	1	5	3	4	POSITIVE
Close drill hole	Restoration of land use and land capability	1	3	2	3	POSITIVE

9.2 Impact Assessment Methodology

i. Methodology used in determining and ranking the nature, significance, consequences, extent, duration and probability of potential environmental impacts and risks;

(Describe how the significance, probability, and duration of the aforesaid identified impacts that were identified through the consultation process was determined in order to decide the extent to which the initial site layout needs revision).

The potential impacts listed were assessed and determined for all activities associated with the different phases of the project (construction, operation and decommissioning).

In order to determine the significance of an activity each activity was rated. The following parameters were used:

1. Extent of impact (E)

1 = Site specific - Extending only as far as the activity, or limited to the site and its immediate surroundings

2 = Regional - Will have an impact on the region. A development can often have a regional impact on Biodiversity. Example: if a feeding site for birds or mammals is

destroyed, the population might leave the area or go extinct if they don't find other suitable areas.

3 = National - Will have an impact on a national scale - particularly if an ecosystem or species of national significance is affected

4 = International - Will have an impact across international borders or will impact on an ecosystem or species of international significance

2. Duration of impact (D)

1 = Short term (0-5 years)

2 = Medium term (5-15 years)

3 = Long term (16-30 years) - Impact will cease after the operational or working life of the activity, either due to natural process or by human intervention

4 = Discontinuous or intermittent - Impact may only occur during specific climatic conditions or during a particular time of year

5 = Permanent - Impact will be where mitigation or moderation by natural process or by human intervention will not occur in such a way or in such a time span that the impact can be considered transient or temporary

3. Intensity of impact (I)

1 = Low Impact - Affects the environment in such a way that natural, cultural and soil functions and processes are not affected

2 = Medium Impact - Affected environment is altered by natural, cultural and soil functions and processes continue although in a modified way

3 = High Impact - Natural, cultural or social functions or processes are altered to the extent that they will temporarily or permanently cease

4. Probability of impact occurring (P)

1 = Improbable – Low likelihood

- 2 = Probable Distinct possibility
- 3 = Highly probable Most likely
- 4 = Definite Impact will occur regardless of any prevention measures

5. Criteria of assigning significance to potential impacts

Significance is determined by means of the following calculation:

Extent of Impact **X** Duration of Impact **X** Intensity of Impact **X** Probability of Occurrence of Impact **= SIGNIFICANCE**

Significance determination criteria

Extent of Impact

Duration of Impact

Site Specific	1	Short term	1
Regional	2	Medium term	2
National	3	Discontinuous	3
International	4	Long term	4
		Permanent	5

Intensity of Impact

Probability of Occurrence of Impact

Low	1	Improbably (low likelihood)	1
Medium	2	Probable (Distinct possibility)	2
High	3	Highly probable (Most likely)	3
		Definite	4

SIGNIFICANCE

Hig	уh	73 - 240
Me	edium	36 - 72
Lo	w	1- 35

ii. The positive and negative impacts that the proposed activity (in terms of the initial site layout) and alternatives will have on the environment and the community that may be affected.

(Provide a discussion in terms of advantages and disadvantages of the initial site layout compared to alternative layout options to accommodate concerns raised by affected parties)

1. Positive Impact associated with the proposed Prospecting:

- Employment contributing to the economy
- Concurrent rehabilitation during prospecting

2. Negative Impacts associated with the proposed prospecting:

- Destruction of cultural heritage sites and artefacts
- Loss of soil resources
- Change of current land use
- Removal / damage of natural vegetation
- Damage to sensitive biodiversity areas
- Disturbance of, riparian habitats & non-perennial river
- Contamination of surface water
- Impact on current land use
- Contamination of soils
- Air Quality Impact (Dust)
- Litter
- Disturbance of important bird species and fauna in the vicinity

9.3 Mitigation Measures

iii. The possible mitigation measures that could be applied and the level of risk.

(With regard to the issues and concerns raised by affected parties provide a list of the issues raised and an assessment/ discussion of the mitigations or site layout alternatives available to accommodate or address their concerns, together with an assessment of the impacts or risks associated with the mitigation or alternatives considered).

Mitigation measures were identified for all possible impacts even though the destruction of heritage resources is considered a high impact, therefore heritage sites will not be drilled if they are found on site.

	-	
ACTIVITIES	POTENTIAL IMPACT	MITIGATION MEASURES
Vegetation clearance for establishment of drill sites	Removal of / damage to natural vegetation	 Boreholes and access tracks will be located in areas that will result in minimal ground disturbance. Permission will be obtained from landowners before trees are felled. Where an access road is needed, the relevant occupant and owner will be consulted prior to the development of that access to ensure that consensus is reached on the matter and the access will be rehabilitated at the end of the drilling programme. Vegetation clearance will be limited to 0.06 ha per drill hole
Vegetation clearance for establishment of drill sites	Disturbance of riparian habitats or riverbanks	 During the planning phase for each borehole, wetlands, rivers and/or streams will be identified. The prospecting programme will be designed to avoid to leave a buffer zone of 500 m from rivers & streams. Rivers & Streams will not be crossed, accessed, drained, dredged or filled during prospecting. Areas of ecological significance will be avoided and if disturbance is required, it will be undertaken in accordance with legislation.
Vegetation clearance for establishment of drill sites	The stripping of soil, incorrect stockpiling, erosion and storm water run-off can lead to the loss of topsoil	 Topsoil will be stripped to a depth of 250 mm from all disturbed areas and stored outside the 1:50 year flood levels of rivers and streams, within the firebreak area. Topsoil will be adequately protected from being blown away or being eroded. Boreholes and access tracks will be located in areas that will result in minimal ground disturbance.
Vegetation clearance for establishment of drill sites	Changes to the shape or form of the land	 During the planning phase for each borehole, specific controls will be identified and implemented, based on site conditions.

Table 9: Impact and Mitigation measures

ACTIVITIES	POTENTIAL IMPACT	MITIGATION MEASURES
Vegetation clearance for establishment of drill sites	Impact on current land use	 Land disturbed will be rehabilitated to a stable and permanent form suitable for subsequent land use. Exact location of drill holes and new access routes will be determined through communication with landowner
Vegetation clearance, Site establishment, Drilling activities & movement of people and equipment on site	Destruction of cultural heritage sites and artefacts	 Requirements of SAHRA will be adhered to Potential heritage sites will be identified during the planning phase to ensure that such areas are avoided. Each prospecting site will be visited prior to any work starting to identify possible heritage sites. Prospecting activities will be kept away from excluded and exempted areas. Where boreholes are sited in proximity to heritage sites and depending on the proximity to the drilling site, appropriate measures such as flagging, pegging or installation of temporary fencing will be undertaken to ensure that the site is not impacted on during prospecting.
Vegetation clearance for establishment of drill sites	Dust pollution	1) Dust will be effectively controlled in all areas cleared from vegetation through water spraying.
Vegetation clearance for establishment of drill sites	Storm water run-off from cleared areas could lead to siltation of surface water	 Controls will be aimed at minimizing erosion and sediment washing from drill pads, access roads and other disturbed areas. Sediment and erosion controls will be designed to prevent runoff from the prospecting site into rivers & streams. Sediment and erosion controls may include cut-off trenches and drains, culverts for tracks, silt fences, rock armouring or mulching.
Workers & material on site	Contamination of soils through spills from sanitation facilities & litter	 A chemical toilet will be used on site during prospecting and will be used in such a way as to prevent water pollution. The use of a chemical toilet will be undertaken in consultation with the landowner. Full or leaking toilets must be reported to the Supervisor for corrective action or replacement. Prospecting areas will be maintained in a clean and tidy condition at all times. All waste will be collected, separated and stored in properly constructed containers with lids and removed to an approved landfill or another site according to local municipal requirements. Full waste bins must be reported to the Supervisor for collection and disposal at an approved landfill.
Workers & material on site	Fire	 Vegetation around each exploration site within a 5m radius will be kept short to create a fire management zone. Collection of firewood will not be allowed. Open fires will be prohibited to people involved in prospecting. No burning cigarettes or matches may be thrown down within the prospecting area. A bucket with sand will be provided for the

ACTIVITIES	POTENTIAL IMPACT	MITIGATION MEASURES
		 disposal of cigarettes and matches. 5) No smoking will be allowed near gas, paints or fuel storage areas. 6) Suitable welding blankets are to be used when welding or operating grinders and this equipment is to be serviced regularly. 7) Rubbish or vegetation may under no circumstances be burnt. All waste will be removed off site and disposed of at an approved landfill.
Workers & material on site	Collection of firewood, damage to property	 Collection of firewood will not be allowed. Only one drill site at any given time. All employees present at the one drill site with appropriate supervision Complaints and outcomes of subsequent investigations will be recorded in a Complaints Register in the format of a spreadsheet. If damage to private property occurs as a result of prospecting activities, such damage will be repaired or owners will be compensated as appropriate.
Workers & material on site	Contribution to the economy through employment	 Due to the nature of prospecting, employment opportunities will be minimal. The prospecting crew is small (10 people) with specialised skills. Were possible, local people will however be employed during the project. Local people and businesses with appropriate skills will be identified and included in the project tender process. The applicant is committed to employ local people and businesses during the project, where possible.
Workers & material on site	Spread of HIV/Aids to farm workers and local community	 Due to the nature of prospecting, employment opportunities will be minimal. The prospecting crew is small (10 people) with specialised skills. Were possible, local people will however be employed during the project. No employees will be permitted to stay on site. Aids awareness talks
Use of heavy machinery & vehicles on site for drilling	Resource consumption (diesel - non- renewable resource)	1) Vehicles and equipment to be serviced regularly and maintained in good working condition
Use of heavy machinery & vehicles on site for drilling	Contamination of soils through hydrocarbon leaks and spills from machinery & equipment	 All chemicals, fuels and oils to be stored on site will be appropriately bunded. Precautions will be taken to prevent spills and soil contamination. Material Safety Data Sheets for the item(s) spilled will be consulted for information concerning clean-up requirements to ensure correct clean-up procedure. Any contaminated soil will be collected into non-permeable bags and disposed of to an approved landfill site.
Use of heavy machinery & vehicles on site for drilling	Use of groundwater for drilling activities	1) Existing water supply locations will be identified for use and agreements will be reached with landowners regarding on-site water use. The drilling rig will require

ACTIVITIES	POTENTIAL IMPACT	MITIGATION MEASURES
		 approximately 2,000l/day. Where a suitable water supply is not available, water will be sourced from a commercial supplier and delivered to site by water tanker. 2) If required, a water use license will be applied for to DWS for the abstraction of surface- and/or groundwater during prospecting. 3) Adequate provision will be made for storing drinking water on site in the form of 2500 litre plastic water tanks.
Use of heavy machinery & vehicles on site for drilling	Contamination of surface water through hydrocarbon leaks and spills from machinery & equipment	 The drilling fluid that will be used during prospecting must be biodegradable and not pose a water pollution threat. Drilling sumps and containment measures will be designed to contain all drilling fluid. Material Safety Data Sheets for the item(s) spilled will be consulted for information concerning clean-up requirements to ensure correct clean-up procedure. Any contaminated soil will be collected into non-permeable bags and disposed of to an approved landfill site. Drill sites to be located 100 m from rivers & stream
Use of heavy machinery & vehicles on site for drilling	Contamination of groundwater through hydrocarbon leaks and spills from machinery & equipment	 Machinery and equipment will only be maintained over a drip tray, a thin concrete slab or a PVC lining to prevent soil and water contamination. No vehicle will be extensively repaired on site. Material Safety Data Sheets for the item(s) spilled will be consulted for information concerning clean-up requirements to ensure correct clean-up procedure. Any contaminated soil will be collected into non-permeable bags and disposed of to an approved landfill site.
Use of heavy machinery & vehicles on site for drilling	Compaction of soils through movement of heavy vehicles and machinery on site	 Stay on predefined areas and routes. Scarify access roads and stockpile areas to a depth of 500 mm and restore topsoil cover. Re-seed or plant vegetation indigenous to the area.
Use of heavy machinery & vehicles on site for drilling	Damage to vegetation	 Vehicles will only stay on dedicated roads (turning circles). No movement of heavy machinery outside dedicated routes. All routes and turning circles will be scarified and re-seeded with seeds from vegetation indigenous to the area.
Use of heavy machinery & vehicles on site for drilling	Release of gaseous emissions	1) Vehicles and equipment will be maintained in a good working order.
Use of heavy machinery & vehicles on site for drilling	Dust Fallout	 Speed limits on gravel roads will be 40km/hr to minimise dust and noise generation. Dust will be effectively controlled in all disturbed areas through water spraying.

ACTIVITIES	POTENTIAL IMPACT	MITIGATION MEASURES
Use of heavy machinery & vehicles on site for drilling	Increase in ambient noise levels	 Speed limits on gravel roads will be 40km/hr to minimise dust and noise generation. Prospecting activities will be restricted today light hours.
Use of heavy machinery & vehicles on site for drilling	Visual intrusion	 1) Only one site to be drilled at any one time 2) Concurrent rehabilitation
Use of heavy machinery & vehicles on site for drilling	Disturbance of fauna species in the vicinity	 Prospecting activities will be kept away from excluded and exempted areas. A field survey will be undertaken before drilling commences at each drilling site to confirm that no threatened species, ecologically sensitive areas or conservation areas are present in sections to be cleared. One site to be drilled at a time. Concurrent rehabilitation.
Use of heavy machinery & vehicles on site for drilling	Release of methane gas from exploration boreholes	 1) Exploration boreholes are to be capped when no drilling work is being undertaken. 2) Exploration boreholes which will not be used during production to be sealed with cement once exploration work has been completed.
Use of heavy machinery & vehicles on site for drilling	Cross- contamination of aquifers due to borehole construction	 For the purpose of future monitoring programmes, impact assessments and concurrent rehabilitation, the depth of water strikes will be recorded during exploration drilling. The static groundwater level will be monitored in prospecting boreholes that intersected water after completion and before concurrent rehabilitation for future monitoring, impact assessment and concurrent rehabilitation purposes. Any completed hole that is not required for groundwater monitoring, will be sealed to prevent groundwater contamination.
Use of heavy machinery & vehicles on site for drilling	Proliferation of invasive plant species	1) Machinery will be cleared of dust/mud and seed prior to relocation to the next site to prevent the spread of alien invasive species.
Closure		
Concurrent rehabilitation	Reducing soil compaction of disturbed area and access roads to improve drainage and control erosion	 Remaining refuse, chemicals, fuels and waste materials will be removed from the site following the completion of the prospecting programme. Such waste will be disposed of to an approved landfill. Erosion and sediment controls as well as the disturbed area will be rehabilitated An inspection on whether there is evidence of weeds or pest invasion as a result of prospecting activities will be undertaken and appropriate remediation actions will be implemented as required.
Concurrent rehabilitation	Use stockpiled topsoil to close sumps	 Scarify access roads and stockpile storage areas to a depth of 500 mm. Restore topsoil cover. Re-seed or plant vegetation indigenous to the area.

ACTIVITIES	POTENTIAL IMPACT	MITIGATION MEASURES
Close drill hole	Restoration of land use and land capability	 1) Exploration boreholes are to be capped when no drilling work is being undertaken. 2) Exploration boreholes which will not be used during production to be sealed with cement once exploration work has been completed.

iv. Motivation where no alternative sites were considered.

The location of the property is in an area where the geological formation that is known to host the desired mineralisation.

v. Statement motivating the alternative development location within the overall site.

(Provide a statement motivating the final site layout that is proposed)

This is an application for prospecting without bulk sampling where a total of 25 holes will be drilled at locations determined by the geology of the site. Drill holes will be located at least 500 meters from any watercourse and 100m away from formal or informal dwelling or building structure.

vi. Full description of the process undertaken to identify, assess and rank the impacts and risks the activity will impose on the preferred site (In respect of the final site layout plan) through the life of the activity.

(Including (i) a description of all environmental issues and risks that are identified during the environmental impact assessment process and (ii) an assessment of the significance of each issue and risk and an indication of the extent to which the issue and risk could be avoided or addressed by the adoption of mitigation measures.)

Please refer to Tables 10.

k) Assessment of each identified potentially significant impact and risk

(This section of the report must consider all the known typical impacts of each of the activities (including those that could or should have been identified by knowledgeable persons) and not only those that were raised by registered interested and affected parties).

Table 10: Significant and Impact risk

NAME OF ACTIVITY						ANCE gated				
Sife, sife camp, abiuiton facility, accommodation, equipment storage, sample storage, site 	ater ontamination, roundwater ontamination,	ASPECTS AFFECTED	PHASE In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post closure)	EXTENT	INTENSITY	DURATION	PROBABILITY	RATING	MITIGATION TYPE (modify, remedy, control, or stop) Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc. etc) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation)	SIGNIFICANCE if mitigated

Site establishment activities _ Vegetation clearance _ Topsoil stripping & stockpiling	Cultural and Heritage (-ve)	Destruction or loss of Cultural and Heritage Resources: No cultural/heritage artefacts have been identified on site	Construction / Set <u>.</u> up	1	1	1	Improbable	3 (Very Low)	 If concentrations of archaeological heritage material and human remains are uncovered during construction, all work must cease immediately. The find must be reported to a heritage specialist so that systematic and professional investigation/ excavation can be undertaken. 	Negligible
_ Drill pad compaction _ Erection of office, toilets, fuel storage (if not by road tanker), water tanker, core storage _ Vehicle movements _ Waste management	Noise (-ve)	Noise Generation	Construction / Set <u>.</u> up	1	3	1	Definite	5 (Low)	 Construction/setup, operational and decommissioning activities will be limited to daylight hours on Mondays to Saturdays and no activities on Sundays and public holidays; Separation of distance of minimum 500m, but preferably 1000m to be maintained between drill sites and dwellings; Noise abatement equipment, such as mufflers on diesel engines, will be maintained in good condition; and If intrusive noise levels are experienced by any person at any point, the source of the noise will be 	3(Very Low)
NAME OF ACTIVITY	POTENTIAL IMPACT	ASPECTS AFFECTED	PHASE	SIGNIFICANCE if not mitigated					MITIGATION TYPE (modify, remedy, control, or stop)	SIGNIFICANCE if mitigated

(E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etcetcetc (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, etcetc)	(Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc etc)		In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post closure)	EXTENT	INTENSITY	DURATION	PROBABILITY	RATING	Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc. etc) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation)	
									moved if practical, or it will be placed in an acoustic enclosure, or an acoustic barrier will be erected between the source and the recipient.	
	Visual (-ve)	Visual intrusion	Construction / Set_up	1	3	1	Definite	5 (Low)	 The drilling rig and other visually prominent items on the site will be located in consultation with the landowner; Make use of existing vegetation as far as possible to screen the prospecting operations from view; and If necessary, the operations can be screened from view by erecting a shade cloth barrier. 	3 (Very Low)

NAME OF ACTIVITY	POTENTIAL IMPACT	ASPECTS AFFECTED	PHASE	SIGNIFICANCE if not mitigated					MITIGATION TYPE (modify, remedy, control, or stop)	SIGNIFICANCE if mitigated
									The soil disturbance and clearance of vegetation at	
							Definite	-		
	Soil and	The potential	Construction /	1	3	2		6		5(Low)
	Dust fall (-ve)	Dust fall & nuisance from activities	Construction / Set <u>u</u> p	2	3	1	Definite	6(Medium)	 Wet suppression should be applied to ensure that no visible dust is raised by any of the prospecting operations; Separation of distance of minimum 500m, but preferably 1000m to be maintained between drill sites and dwellings; and Low vehicle speeds will be enforced on unpaved surfaces. 	3 (Very Low)
	Traffic (-ve)	Increase in traffic volumes in the vicinity of the drilling site	Construction / Set.up	1	2	1	Probable	4 (Very Low)	 Traffic signs to be put around the site to notify motorist of the activities Construction vehicles to make trips on/off site only when necessary Construction vehicles to adhere to local speed limits as far as possible when driving in around site 	3 (Very Low)

(E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etcetcetc (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, etcetcetc.)	(Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc etc)		In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post closure)	EXTENT	INTENSITY	DURATION	PROBABILITY	RATING	Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc. etc) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation)
	Vegetation (-ve)	impact of the proposed prospecting on the vegetation would occur at proposed drilling sites and the access routes used to get to these sites.	Set_up					(Medium)	 drill pad areas will be limited to the absolute minimum required; No clear scraping (dozing) be carried out unless absolutely necessary to establish a level drill pad. Rather that surface vegetation is cleared to make way for the drilling rig leaving the roots intact so that vegetation can coppice and regrow; and Disturbed areas will be re-vegetated with locally indigenous species as soon as possible.

Animal life (-ve)	Animal life will be affected in the immediate vicinity of the drilling rig. It is anticipated that the noise and general activity will keep the animal life away from the site while the prospecting is ongoing.	Construction/ Set_ up	1	3	2	Definite	6 (Medium)	 Environmental awareness training sessions should be part of the workers' induction and site workshops; and If any animals are encountered, they must not be killed or injured, but should rather be removed or chased away from the site with the assistance of an animal specialist 	5 (Low)
Social (-ve)	Friction between local residents/land	Construction / Set_up	1	2	2	Definite	5 (Low)	 All operations will be carried out under the guidance of a strong, experienced manager with proven skills in public consultation and conflict resolution; All prospecting personnel will be made aware of the 	4(Very Low)

9.4 Specialist Studies

ix) Summary of specialist reports.

(This summary must be completed if any specialist reports informed the impact assessment and final site layout process and must be in the following tabular form): -

LIST OF STUDIES	RECOMMENDATIONS	SPECIALIST	REFERENCE TO
UNDERTAKEN	OF SPECIALIST	RECOMMENDATIONS	APPLICABLE SECTION
	REPORTS	THAT HAVE BEEN	OF REPORT WHERE
		INCLUDED IN THE EIA	SPECIALIST
		REPORT	RECOMMENDATIONS
		(Mark with an X	HAVE BEEN
		where applicable)	INCLUDED.
No specialist studies	No specialist studies	No specialist studies	No specialist studies
were proposed for	were proposed for	were proposed for	were proposed for
this proposed	this proposed	this proposed	this proposed
prospecting	prospecting	prospecting	prospecting
application	application	application	application

Table 11: Summary of specialist reports.

9.5 Motivation on why no specialist studies were conducted:

As a qualified professional (See Appendix k) the EAP of this application has executed a desktop study to describe the environmental features of the project area.

The desktop study enabled the identification of sensitive environmental areas / habitats on the proposed site. These sensitive areas were considered during the impact assessment process. Mitigation measures / buffers are recommended to ensure that these areas are not impacted on.

The area of disturbance is quite small (0.06 ha per borehole), all impacts were rated as low - medium without mitigation and as low with the implementation of mitigation measures. Furthermore, adequate financial provision is made for rehabilitation.

No specialist studies are required as the desktop study effectively identified sensitive areas, all impacts were of low - medium significance and appropriate mitigation and management measures are recommended.

9.6 Environmental Impact Statement

x) Summary of the key findings of the environmental impact assessment;

The possible environmental impacts associated with the proposed prospecting are considered insignificant. A diamond core drill rig will be used for drilling. The drill team will not require site infrastructure and will not stay on site. The main impacts are associated with the heritage resources and river located onsite. During the planning phase for each borehole buffer zone will be designed to avoid negative impacts on heritage sites, rivers and/or streams that will be identified.

xi) Final Site Map

Provide a map at an appropriate scale which superimposes the proposed overall activity and its associated structures and infrastructure on the environmental sensitivities of the preferred site indicating any areas that should be avoided, including buffers. Attach as Appendix A

Please refer to Appendix A

xii) Summary of the positive and negative impacts and risks of the proposed activity and identified alternatives;

Positive Impact associated with the proposed Prospecting:

- Employment contributing to the economy (about 10 people per drill site)
- Positive contribution to the South African Gross Domestic Product
- Concurrent rehabilitation during prospecting

Negative Impacts associated with the proposed prospecting

- Loss of soil resources
- Damage to sensitive biodiversity areas
- Disturbance of riparian habitats & non-perennial river
- Contamination of surface water
- Contamination of soils
- Litter

Proposed impact management objectives and the impact management outcomes for inclusion in the EMPr;

Based on the assessment and where applicable the recommendations from specialist reports, the recording of proposed impact management objectives, and the impact management outcomes for the development for inclusion in the EMPr as well as for inclusion as conditions of authorization.

The objectives of the impact management process are as follows:

Air Quality:

To ensure that the prospecting activities has a minimal adverse impact on air quality, dust limitation and suppression to be applied.

Groundwater:

To ensure that the prospecting activities have minimal adverse impact on the surrounding groundwater water quality and prevents pollution of existing groundwater resources.

Surface Water

To ensure that the prospecting activities effectively utilize the consumption of freshwater, have minimal adverse impacts on the surrounding surface water quality and prevent pollution of surrounding surface water resources. A buffer of 500m to be observed from the water course.

Soils

To ensure that the prospecting activities have a positive impact on land and soils by mitigating potential erosion, preventing contamination and pollution.

Biodiversity

To ensure that the prospecting activities do not have an adverse impact on the current biodiversity.

Socio-Economic

To aid in the improvement of the current local economy and improve the social environment of communities affected by the prospecting activities.

Visual

To limit the visual impact of the prospecting activities. Only one drill rig to be used and concurrent rehabilitation to be implemented.

Noise

To control noise pollution stemming from the prospecting activities through the restriction of operational hours.

Heritage

To ensure that the prospecting activities avoid adverse impacts on the heritage resources of significance. Interaction with SAHRA and local residents to identify and confirm heritage sites. Marking and avoidance of sites if identified.

Waste

To ensure that the proposed prospecting operation adopts and implements waste management principles that are environmentally responsible.

I) Aspects for inclusion as conditions of Authorisation.

Any aspects which must be made conditions of the Environmental Authorisation

- A field survey must be undertaken before drilling commences at each drilling site to confirm that no cultural heritage site is present in sections to be cleared.
- Prospecting should not occur within 500m from any watercourse.
- Boreholes and access tracks will be located in areas that will result in minimal ground disturbance.
- During the planning phase for each borehole, specific controls must be identified and implemented, based on site conditions.
- No employees will be permitted to stay on the site.
- Collection of firewood will not be allowed.
- Where an access road is needed, the relevant occupant and owner will be consulted prior to the development of that access to ensure that consensus is reached on the matter and the access will be rehabilitated at the end of the drilling programme.

m) Description of any assumptions, uncertainties and gaps in knowledge.

(Which relate to the assessment and mitigation measures proposed)

The location of the final planned boreholes designed were identified through the approach of the prospecting work programme. This assessment is therefore based on a desktop approach at a broad scale and assuming that drilling could occur anywhere within the proposed prospecting license area except on Critical Biodiversity Area 1. Once drill sites have been identified, then it is recommended that focus should be given to these sites in order to identify any cultural or heritage resources of significance, any ecologically significant areas that may occur as well as re-engaging landowners regarding the intention to access and conduct drilling activities on their property.

n) Reasoned opinion as to whether the proposed activity should or should not be authorised

a. Reasons why the activity should be authorized or not.

According to the impact assessment undertaken for the proposed project, the key impacts of the project are on soils, natural vegetation and landowners/occupiers. The project will also have positive impacts due to the employment to be created although for a short term.

The public will also be requested for their comments. All comments to be received during Public Participation Process will be included in this BAR and EMPr. These comments will be addressed as far as possible to the satisfaction of the interested and affected parties.

The management of the impacts identified in the impact assessment for all phases of the proposed project will be undertaken through a range of programmes and plans contained in the EMPr. In consideration of the programmes and plans contained within the EMPr, layouts and method statements compiled for the project, which is assumed will be effectively implemented, there will be significant reduction in the significance of potential impacts.

Based on the above, it is therefore the opinion of the EAP that the activity should be authorized.

b. Conditions that must be included in the authorisation

- A field survey must be undertaken before any drilling may commence at each proposed drilling site to confirm that no cultural heritage sites are present in sections demarcated to be cleared;
- No prospecting should occur within 500m from any watercourse
- The positioning of boreholes and access tracks should be in areas that will result in minimal ground disturbance
- During the planning phase for each borehole, specific controls must be identified and implemented, based on site conditions
- No employees will be permitted to stay on the site.
- Collection of firewood will not be allowed.
- Where an access road is needed, the relevant occupant and owner will be consulted prior to the development of that access to ensure that consensus is

reached on the matter and the access will be rehabilitated at the end of the drilling programme.

o) Period for which the Environmental Authorisation is required

The authorization is required for the duration of the prospecting right which is 5 years.

p) Undertaking

Confirm that the undertaking required to meet the requirements of this section is provided at the end of the EMPr and is applicable to both the Basic assessment report and the Environmental Management Programme report.

An undertaking is provided at the end of this report.

9.7 Financial Provision

A financial provision of approximately R 65 054.00 has been budgeted for the prospecting programme over 5 years as PWP, which includes rehabilitation activities.

Explain how the aforesaid amount was derived.

The drilling contractor will be responsible for rehabilitating the drill pad once the drilling activities have been completed at each exploration hole. This is typically a contractual arrangement between Royal M Coal (Pty) Ltd, and the drilling contractor employed to implement drilling activities which include construction / set-up of drill pad, operational drilling activities and the rehabilitation of the drill site after drilling has ceased. The financial guarantee was calculated using the DMR official financial quantum calculator below.

Table 12: Financial Quantum

	CALCULATION OF THE QUANTUM						
Applicant: Evaluator:	Sithabile Kabaira				Ref No.: Date:		/1/1/2/10930 PR Feb-20
No.	Description	Unit	A Quantity	B Master Rate	C Multiplication factor	D Weighting factor 1	E=A*B*C*D Amount (Rands)
	Dismantling of processing plant and related structures						
1	(including overland conveyors and powerlines)	m 3	0	16	1	1	0
2 (A)	Demolition of steel buildings and structures	m2	0	228	1	1	0
2(B)	Demolition of reinforced concrete buildings and struct	m2	0	336	1	1	0
3	Rehabilitation of access roads	m 2	0	41	1	1	0
4 (A)	Demolition and rehabilitation of electrified railway lines	m	0	395	1	1	0
4 (A)	Demolition and rehabilitation of non-electrified railway lines	m	0	216	1	1	0
5	Demolition of housing and/or administration facilities	m2	0	455	1	1	0
6	Opencast rehabilitation including final voids and ramps	ha	0	238697	1	1	0
7	Sealing of shafts adits and inclines	m3	0	122	1	1	0
8 (A)	Rehabilitation of overburden and spoils	ha	0	159131	1	1	0
8 (B)	Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential)	ha	0	198195	1	1	0
8(C)	Rehabilitation of processing waste deposits and evaporation ponds (polluting potential)	ha	0	5575653	1	1	0
9	Rehabilitation of subsided areas	ha	0	133249	1	1	0
10	General surface rehabilitation	ha	0,6	126059	0,3	1	22690,62
11	River diversions	ha	0	126059	1	1	0
12	Fencing	m	0	144	1	1	0
13	Water management	ha	0	47931	1	1	0
14	2 to 3 years of maintenance and aftercare	ha	0	16776	1	1	0
15 (A)	Specialist study	Sum	0	0	1	1	0
15 (B)	Specialist study	Sum	0	0	1	1	0
					Sub Tot	al 1	22690,62
1	Preliminary and General		2722,	8744	weighting 1	factor 2	2722,8744
2	Contingencies			22	69,062		2269,062
	Nutre and the Oter and				Subtota	al 2	27682,56
SN TE	Ndinannyi Kenneth Singo 2020/02/19				VAT (1	5%)	37371,45
					Grand T	otal	65054

Confirm that this amount can be provided for from operating expenditure.

The financial support provided by Royal M Coal (Pty) Ltd submitted their financial support demonstrates the availability of funds to undertake prospecting of the desired mineral.

q) Specific Information required by the competent Authority

i) Compliance with the provisions of sections 24(4)(a) and (b) read with section 24 (3) (a) and (7) of the National Environmental Management Act (Act 107 of 1998). the EIA report must include the: -

ix) Impact on the socio-economic conditions of any directly affected person

(Provide the results of Investigation, assessment, and evaluation of the impact of the mining, bulk sampling or alluvial diamond prospecting on any directly affected person including the landowner, lawful occupier, or, where applicable, potential beneficiaries of any land restitution claim, attach the investigation report as an Appendix).

There are no anticipated direct impacts on the socio-economic conditions of the landowners. Private owners of portions that are used for agricultural purposes will be compensated fairly for any loss due to the drilling programme. Drill holes will be immediately closed to avoid any contamination to the groundwater.

As the final positioning of the drill sites cannot be confirmed without completion of phase 1 of the prospecting programme, a recommendation has been made to ensure that the directly affected landowners are re-consulted a minimum of 1 month prior to implementing invasive activities (drilling). The purpose of the re-consultation is to ensure that socio-economic impacts on directly affected persons can be raised and where possible addressed.

x) Impact on any national estate referred to in section 3(2) of the National Heritage Resources Act.

(Provide the results of Investigation, assessment, and evaluation of the impact of the mining, bulk sampling or alluvial diamond prospecting on any national estate referred to in section 3(2) of the National Heritage Resources Act, 1999 (Act No. 25 of 1999) with the exception of the national estate contemplated in section 3(2)(i)(vi) and (vii) of that Act, attach the investigation report as **Appendix 2.19.2** and confirm that the applicable mitigation is reflected in 2.5.3; 2.11.6.and 2.12.herein).

Due to the fact that the positioning of the drill sites will only be determined after phase 1 of the prospecting works programme, and in order to ensure that there is no impact on unknown heritage sites, a recommendation has been made to undertake a heritage survey of the drill sites once these are known in order to identify any cultural or heritage resources of significance.

Mitigation measures proposed in this report include that no drill site will be located within 50m of any identified heritage site (which may occur during the prospecting programme). Furthermore, from desktop studies undertaken, no heritage sites have been identified to occur in the area; however, these need to be confirmed by site surveys.

xi) Other matters required in terms of sections 24(4)(a) and (b) of the Act.

(The EAP managing the application must provide the competent authority with detailed, written proof of an investigation as required by section 24(4)(b)(i) of the Act and motivation if no reasonable or feasible alternatives, as contemplated in sub-regulation 22(2)(h), exist. The EAP must attach such motivation as Appendix 4).

The proposed prospecting activities (including the drilling) requested as part of this authorization is the only current viable way a mineral resource can be identified and used to generate a resource which is a minimum requirement to determine whether it is viable to invest in a future mine.

PART B

ENVIRONMENTAL MANAGEMENT PROGRAMME

10 Environmental management programme.a) Details of the EAP

(Confirm that the requirement for the provision of the details and expertise of the EAP are already included in PART A, section 1(a) herein as required).

Please refer to the Details of the EAP included in Part A, section 1(a)

b) Description of the Aspects of the Activity

(Confirm that the requirement to describe the aspects of the activity that are covered by the draft environmental management programme is already included in PART A, section (1)(h) herein as required).

The aspects of the activity are described in Part A Section 1(h).

c) Composite Map

(Provide a map (**Attached as an Appendix**) at an appropriate scale which superimposes the proposed activity, its associated structures, and infrastructure on the environmental sensitivities of the preferred site, indicating any areas that any areas that should be avoided, including buffers)

Please refer to Appendix A.

d) Description of Impact management objectives including management statements.

i) Determination of closure objectives.

(Ensure that the closure objectives are informed by the type of environment described) The overall goal for closure of the prospecting site is to re-instate the predetermined land-use of the landowners, neighbors and community, ensuring that the land is stable and safe in the long-term.

The closure objectives apply to the prospecting area in its final closed state and not whilst the site is in transformation towards this state. They nevertheless provide guidance during the operational phase. Closure objectives relate to the following:

<u>Physical stability</u>: To back-fill boreholes and pits on the prospecting site to ensure continuation of the land use after completion of prospecting activities.

Environmental quality: To ensure that local environmental quality is not adversely affected by possible physical effects and chemical contaminants arising from the prospecting site after completion of prospecting activities.

Health and safety: To limit the possible health and safety threats to humans and animals using the rehabilitated prospecting area after completion of prospecting activities.

Land capability/land-use: To ensure continuation or to the re-instate a suitable land capability over as large as possible area affected during prospecting.

<u>Aesthetic quality</u>: To leave behind a rehabilitated prospecting site that is neat and tidy, giving an acceptable overall aesthetic appearance.

Biodiversity: To encourage the re-establishment of indigenous and/ or appropriate vegetation on the rehabilitated prospecting site such that the biodiversity is largely reinstated over time, as well as protect the undisturbed areas to maintain/enhance the biodiversity of these areas. Prospecting area rehabilitated to limit impact on current land use

ii) Volumes and rate of water use required for the operation.

Approximately 2000 liters of water will be required per day for the drilling activities. Water will be sourced from commercial supplier and transported in via road tanker.

iii) Has a water use license has been applied for?

No Water use license is required for the prospecting application. Water will be sourced from commercial supplier and transported in via road tanker.

iv) Impacts to be mitigated in their respective phases

Measures to rehabilitate the environment affected by the undertaking of any listed activities

Table 13: Impact mitigation and rehabilitation

Activities	Phase	Size and scale of disturbance	Mitigation measures	Compliance with standards	Implementation period
E.g. for prospecting: Drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route, etc. E.g. for mining: Excavations, blasting, stockpiles, discard dumps/dams, loading, hauling, transport, water supply dams, boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.	In which impact is anticipated, e.g. construction, commissioning, operational, decommissioning, closure and post- closure.	Volumes, tonnages and ha/m ²	Describe how each of the recommendations herein will remedy the cause of pollution or degradation and migration of pollutants.	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.	Describe the period when the measures in the environmental management program must be implemented. Measures must be implemented when required. Rehabilitation must take place at the earliest opportunity. With regard to rehabilitation, state whether it will take place upon cessation of the individual activity or cessation of mining, bulk sampling or alluvial diamond prospecting.
Site establishment activities Vegetation clearance Topsoil stripping and stockpiling Drill pad compaction Placement of temporary portable toilets and resting place Vehicle movements	Construction/setup and operational phase	600m² diamond drill holes	Any buried artifacts that may be uncovered during site activities will require such activities to stop and a qualified archaeologist will be commissioned to assess their significance and determine appropriate mitigation measures.	Heritage Act	Before and during drilling activities

Activities	Phase	Size and scale of	Mitigation measures	Compliance with	Implementation period
		disturbance		standards	
Waste management	Construction/setup	600m ² diamond drill	Control noise	SANS 10103	Before and during drilling
	and operational	holes	generation by	guideline	activities
	phase		maintaining equipment.		
			Limited to daylight hours		
			on Mondays to		
			Saturdays and no		
			activities on Sundays		
			and public holidays.		
			Maintain a buffer of		
			500m between drill sites		
			and dwellings. The		
			resting place shall be		
			located outside of the		
			82dB Zone of the drill		
			site.		
Exploration drilling: Drilling	Construction/setup	600m ² diamond drill	The drilling rig and other	N/A	Before and during drilling
Drill maintenance and re-	and operational	holes	visually prominent items		activities
fueling	phase		on the site will be		
Core sample collection and			located in consultation		
storage			with the landowner;		
Vehicle movements			Make use of existing		
Waste generation and			vegetation as far as		
management			possible to screen the		
management			prospecting operations		
			from view; and If		
			necessary, the		
			operations can be		

Activities	Phase	Size and scale of	Mitigation measures	Compliance with	Implementation period
		disturbance		standards	
			screened from view by		
			erecting a shade cloth		
			barrier		
	Construction/setup	600m ² diamond drill	Control dust emission by	GN R. 827	Before and during drilling
	and operational	holes	ensuring drill rig employs	(NEMAQA)	activities
	phase		dust suppression system.		
			Low vehicle speeds will		
			be enforced on		
			unpaved surfaces.		
			Maintain a buffer of		
			500m between drill sites		
			and dwellings		
	Construction/setup	600m ² diamond drill	The soil disturbance and	N/A	Before and during drilling
	and operational	holes	clearance of		activities
	phase		vegetation at drill pad		
			areas will be limited to		
			the absolute minimum		
			required and will not be		
			dozed or scraped with		
			vegetation roots left		
			intact for later re		
			growth; and Disturbed		
			areas will be vegetated		
			with locally indigenous		
			species as soon as		
			possible.		

Activities	Phase	Size and scale of disturbance	Mitigation measures	Compliance with standards	Implementation period
	Construction/setup	0.06 Ha per drill site	All operations will be	NEMA	Before and during drilling
	and operational		carried out under the		activities
	phase		guidance of a strong,		
			experienced manager		
			with proven skills in		
			public consultation and		
			conflict resolution,		
			including environmental		
			coordinator where		
			applicable; All		
			prospecting personnel		
			will be made aware of		
			the local conditions and		
			sensitivities in the		
			prospecting area and		
			the fact that some of		
			the local residents may		
			not welcome the		
			prospecting activities in		
			the area.		

r) Impact Management Outcomes

(A description of impact management outcomes, identifying the standard of impact management required for the aspects contemplated in paragraph);

2.1 Impact Management Outcomes

A description of impact management outcomes, identifying the standard of impact management required for the aspects contemplated in paragraph.

Table 14: Impact management

Activities	Potential impact	Aspects affected	Phase	Mitigation type	Standard to be achieved
E.g. for prospecting: Drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route, etc. E.g. for mining: Excavations, blasting, stockpiles, discard dumps/dams, loading, hauling, transport, water supply dams, boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.	Including the potential impacts for cumulative impacts. E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc.		In which impact is anticipated, e.g. construction, commissioning, operational, decommissioning, closure and post- closure.		
Site establishment activities (-ve) Vegetation clearance Topsoil stripping and stockpiling Drill pad compaction Erection of office, toilets, fuel storage (if not by road tanker), water tanker, core storage	Cultural and heritage	Destruction or loss of Cultural and Heritage Resources: No cultural/ heritage artefacts have been identified on site.	Construction/ set- up	If concentrations of archaeological heritage material and human remains are uncovered during construction, all work must cease immediately. The find must be reported to a heritage specialist so that systematic and professional investigation/ excavation can be undertaken.	Heritage Act
Vehicle movements Waste management	Noise	Noise generation	Construction/ set- up	Construction/setup, operational and decommissioning activities	SANS 10103

Activities	Potential impact	Aspects affected	Phase	Mitigation type	Standard to
					be achieved
				 will be limited to daylight hours on Mondays to Saturdays and no activities on Sundays and public holidays. Separation of distance of minimum 500m, but preferably 1 000m to be maintained between drill sites and dwellings. Noise abatement equipment, such as mufflers on diesel engines, will be maintained in good condition. If intrusive noise levels are experienced by any person at any point, the source of the noise will be moved if practical, or it will be placed in an acoustic enclosure, or an acoustic barrier will be erected between the source and the recipient. 	
	Visual	Visual intrusion	Construction/ set- up	The drilling rig and other visually prominent items on the site will be located in consultation with the landowner. Make use of existing vegetation as	N/A

Activities	Potential impact	Aspects affected	Phase	Mitigation type	Standard to be achieved
	Traffic	Increase in traffic volumes in drilling site vicinity	Construction/ set- up	far as possible to screen the prospecting operations from view. If necessary, the operations can be screened from view by erecting a shade cloth barrier. Traffic signs to be put around the site to notify motorist of the	National Traffic Act
				activities. Construction vehicles to make trips on/off site only when necessary. Construction vehicles to adhere to local speed limits as far as possible when driving in around site.	Regulations
	Dust fall	Dust fall and nuisance from activities	Construction/ set- up	 Wet suppression should be applied to ensure that no visible dust is raised by any of the prospecting operations. Separation of distance of minimum 500m, but preferably 1 000m to be maintained between drill sites and dwelling. Low vehicle speeds will be enforced on unpaved surfaces. 	GN R. 827 (NEMAQA)
	Soil and	The potential impact of	Construction/ set-	The soil disturbance and clearance	NEMBA

Activities	Potential impact	Aspects affected	Phase	Mitigation type	Standard to be achieved
	vegetation	the proposed prospecting on the vegetation would occur at proposed drilling sites and the access routes used to get to these sites.	Up	of vegetation at drill pad areas will be limited to the absolute minimum required; No clear scraping (dozing) be carried out unless necessary to establish a level drill pad. Rather that surface vegetation is cleared to make way for the drilling rig leaving the roots intact so that vegetation can coppice and regrow. Disturbed areas will be re- vegetated with locally indigenous species as soon as possible.	
	Animal life	Animal life will be affected in the immediate vicinity of the drilling rig. It is anticipated that the noise and general activity will keep the animal life away from the site while the prospecting is ongoing.	Construction/ set- up	Environmental awareness training sessions should be part of the workers' induction and site workshops. If any animals are met, they must not be killed or injured, but should rather be removed or chased away from the site with the assistance of an animal specialist.	NEMBA
	Social	Friction between	Construction/ set-	All operations will be carried out	NEMA

Activities	Potential impact	Aspects affected	Phase	Mitigation type	Standard to be achieved
		residents/landowners and construction personnel.	up	under the guidance of a strong, experienced manager with proven skills in public consultation and conflict resolution. All prospecting personnel will be made aware of the local conditions and sensitivities in the prospecting area and the fact that some of the residents may not welcome the prospecting activities in the area. There will be a strict requirement to	
				treat residents with respect and courtesy at all times.	
	Job creation	Employment will be created for the clearing of the land and establishing the drilling site.	Construction/ set- up	No mitigation measures required.	NEMA
Exploration drilling (ve) Drilling Drill maintenance and refuelling Core sample collection and storage	Noise	Noise generation	Operations	Activities will be limited to daylight hours on Mondays to Saturdays and no activities on Sundays and public holidays. Separation of distance of minimum 500m, but preferably 1 000m to	Heritage Act

Activities	Potential impact	Aspects affected	Phase	Mitigation type	Standard to be achieved
Vehicle movements Waste generation and management				 be maintained between drill sites and dwellings; Noise abatement equipment, such as mufflers on diesel engines, will be maintained in good condition. If intrusive noise levels are experienced by any person at any point, the source of the noise will be moved if practical, or it will be placed in an acoustic enclosure, or an acoustic barrier will be erected between the source and the recipient. 	
	Visual	Visual intrusion	Operations	 The drilling rig and other visually prominent items on the site will be located in consultation with the landowner. Make use of existing vegetation as far as possible to screen the prospecting operations from view. If necessary, the operations can be screened from view by erecting a shade cloth barrier. 	SANS 10103

Activities	Potential impact	Aspects affected	Phase	Mitigation type	Standard to be achieved
	Traffic	Increase in traffic volumes in the drilling site vicinity	Operations	 Traffic signs to be put around the site to notify motorist of the activities. Construction vehicles to make trips on/off site only when necessary. Construction vehicles to adhere to local speed limits as far as possible when driving in around site. 	N/A
	Dust fall	Dust fall and nuisance from activities	Operations	 Wet suppression will be applied to ensure that no visible dust is raised by any of the prospecting operations. Separation of distance of minimum 500m, but preferably 1000m to be maintained between drill sites and dwellings. Low vehicle speeds will be enforced on unpaved surfaces. 	National Traffic Act regulations
	Soil and vegetation	Soil and vegetation disturbance from drill pad preparation	Operations	 The soil disturbance and clearance of vegetation at drill pad areas will be limited to the absolute minimum required. No clear scraping (dozing) be carried out unless necessary to establish a level drill pad. Rather 	GN R. 827 (NEMAQA)

Activities	Potential impact	Aspects affected	Phase	Mitigation type	Standard to be achieved
				 that surface vegetation be cleared to make way for the drilling rig leaving the roots intact so that vegetation can coppice and regrow. Disturbed areas will be re vegetated with locally indigenous species as soon as possible. 	
	Animal life	Animal life will be affected in the immediate vicinity of the drilling rig. It is anticipated that the noise and general activity will keep the animal life away from the site while the prospecting is ongoing.	Operations	Measures implemented during site establishment should apply in this phase as well.	NEMBA
	Social	Friction between residents/landowners and construction personnel	Operations	 All operations will be carried out under the guidance of a strong, experienced manager with proven skills in public consultation and conflict resolution. All prospecting personnel will be made aware of the local conditions and sensitivities in the 	NEMBA

Activities	Potential impact	Aspects affected	Phase	Mitigation type	Standard to be achieved
				prospecting area and the fact that some of the residents may not welcome the prospecting activities in the area. There will be a strict requirement to treat residents with respect and courtesy at all times.	
	Job creation	Employment will be created for the clearing of the land and establishing the drilling site.	Operations	No mitigation measures required.	NEMA

s) Impact Management Actions

(A description of impact management actions, identifying the way the impact management objectives and outcomes contemplated in paragraphs (c) and (d) will be achieved).

Activities	Potential impact	Mitigation type	Implementation period	Compliance with standards
Whether listed or not. E.g. excavations, blasting, stockpiles, discard dumps/dams, loading, hauling and transport, water supply dams/boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.	E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, ground water contamination, air pollution, etc.	Modify, remedy, control or stop through, e.g. noise control measures, storm water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity, etc. E.g., modify through alternative method, control through noise control, control through management and monitoring, and remedy through rehabilitation.	State when the environmental management programme measures must be implemented. Measures must be implemented when required. This must take place as soon as possible. Regarding rehabilitation, state upon cessation of the individual activity or mining, bulk sampling or alluvial diamond prospecting.	A description of how each of the recommendations in 2.11.6 read with 2.12 and 2.15.2 herein will comply with any prescribed environmental management standards or practices that have been identified by Competent Authorities.
Site establishment activities Vegetation clearance Topsoil stripping and stockpiling Drill pad compaction Erection of office, toilets, fuel storage (if not by road tanker), water	Cultural and heritage	Undertake heritage survey prior to site activities to identify cultural/heritage features and cordon these off with Chevron tape. Avoid cultural/heritage impacts by maintaining 100m buffer from any identified heritage feature. Any buried artifacts that may be uncovered during site activities will require such activities to stop and a qualified archaeologist will be commissioned to assess their significance	Before and after drilling activities.	Heritage Act

Table 15: Impact management actions

Activities	Potential impact	Mitigation type	Implementation period	Compliance with standards
tanker, core storage Vehicle movements Waste management		and determine appropriate mitigation measures.		
Exploration drilling Drilling Drill maintenance and refueling Core sample collection and storage Vehicle movements Waste generation and management	Noise	Control noise generation by maintaining equipment and limiting operation hours to daylight hours from Mondays to Saturdays (no activities on Sundays and public holidays). Maintain a buffer of 500m- 100m between drill sites and dwellings. If intrusive noise levels are experienced by any person at any point, the source will be moved if practical, or placed in an acoustic enclosure, or an acoustic barrier will be erected between the source and the recipient.	Before and after drilling activities.	SANS 10103
	Visual	The drilling rig and other visually prominent items on site will be placed in consultation with the landowner. Existing vegetation will be used as far as possible to screen the prospecting operations from view. Operations can be hidden from view by erecting a shade cloth barrier.	Before and after drilling activities.	N/A
	Dust fall	Control dust emission by ensuring drill rig employs dust suppression system. Low vehicle speeds will be enforced on unpaved surfaces.	Before and after drilling activities.	GN R. 827 (NEMAQA)
	Soil and vegetation	Soil disturbance and vegetation clearance at drill pads will be kept to the minimum required and not be dozed/scraped; vegetation roots will be left intact for regrowth. Disturbed areas will be re-	Before and during drilling activities; disturbed areas to re-vegetated as soon as possible.	N/A

Activities	Potential impact	Mitigation type	Implementation period	Compliance with standards
		vegetated with indigenous species as soon as possible.		
	Social	Operations will be carried out under the guidance of an experienced manager with public consultation and conflict resolution skills. All prospecting personnel will be made aware of conditions and sensitivities in the prospecting area and of the fact that some residents may not welcome the prospecting activities. Residents will be treated with respect and courtesy at all times.	Before and after drilling activities.	NEMA

i) Financial Provision

1. Determination of the amount of Financial Provision.

a. Describe the closure objectives and the extent to which they have been aligned to the baseline environment described under the Regulation.

The following closure objectives will be applicable for concurrent rehabilitation:

- Land disturbed will be rehabilitated to a stable and permanent form suitable for subsequent land use e.g. crop farming and cattle grazing.
- The final land use will be like surrounding land-use i.e. crop farming & cattle grazing
- There will be no adverse environmental effect outside the small disturbed areas (0.6ha) and the affected area will be shaped to ensure effective drainage.

The closure objectives are to minimize disturbance wherever possible so that normal land use can continue after closure.

b. Confirm specifically that the environmental objectives in relation to closure have been consulted with landowner and interested and affected parties.

Minimise the area to be disturbed and to ensure that the areas disturbed during the prospecting activities are rehabilitated and stable, as per the commitments made in the EMPr. Sustain the pre-prospecting land use and return the site to its near natural state as far as possible.

c. Provide a rehabilitation plan that describes and shows the scale and aerial extent of the main mining activities, including the anticipated mining area at the time of closure.

After drilling has been completed in one area, the drilling team will ensure the site is

(a) Reverted to its original state by implementing the measures listed in Table 16 below.

Table 16: Rehabilitation measures

Aspect/Impact	Rehabilitation Measure	Monitoring Frequency and Responsibility
Removal of construction structures	 Clear and completely remove from site all construction plant equipment, storage containers, signage, temporary fencing, temporary services, fixtures and any other temporary works; and Ensure that all access roads utilised during construction (which are not earmarked for closure 	Once-off, Royal M Coal

	and rehabilitation) are returned (as far as possible) to their state prior to construction.	
	 Remove any emerging alien and invasive vegetation to prevent further establishment; All planting work is to be undertaken by suitably 	When
Vegetation	 qualified personnel making use of the appropriate equipment; 	revegetation is done and in
clearing/Replanting	 Transplant during the winter (between April and September); and 	blooming season,
	 Plant indigenous plants to minimise the spread of alien and invasive vegetation. 	3003011,
Topsoil replacement	 Replace and redistribute stockpiled topsoil together with herbaceous vegetation, overlying grass and other fine organic matter in all disturbed areas of the prospecting site, including temporary access routes and roads. Replace topsoil to the original depth (i.e. as much as was removed prior to construction). 	
	 Prohibiting the use of topsoil suspected to be contaminated with the seed of alien vegetation. Alternatively, the soil is to be sprayed with specified herbicides. 	Once-off, Royal M Coal
	Backfill planting holes with excavated material / approved topsoil, thoroughly mixed with weed free manure or compost (per volume about one quarter of the plant hole), one cup of 2:3:2 fertiliser and an approved ant and termite poison.	

d. Explain why it can be confirmed that the rehabilitation plan is compatible with the closure objectives.

The Company is required to make the prescribed financial provision for the rehabilitation or management of negative environmental impacts. If the Company fails to rehabilitate or manage any negative impact on the environment, the DMR may, upon written notice to the Company, use all or part of the financial provision to rehabilitate or manage the negative environmental impact in question. The Company will specify that the drilling contractor is required to comply with all the environmental measures specified in the EMP. This will include avoiding unnecessary disturbance of natural vegetation and the rehabilitation of each drill site, immediately after drilling has been completed. All tracks to the drill sites must be rehabilitated at the end of the prospecting programme. The financial provision provides for the final checking of all sites before site clearance.

Safety after the completion of the prospecting activities will be done by concurrent rehabilitation of drill holes. Overburden will be recorded, and the holes filled back simultaneously.

e. Calculate and state the quantum of the financial provision required to manage and rehabilitate the environment in accordance with the applicable guideline.

The quantum of the financial provision required is R 65 054.00. The Company must annually update and review the quantum of the financial provision (as per Regulation 54 (2) of the MPRDA). The financial Quantum Calculation is found under Appendix I.

f. Confirm that the financial provision will be provided as determined.

Royal M Coal (Pty) Ltd herewith confirms both its capacity and willingness to make the financial provision required should the prospecting right be granted.

Mechanisms for monitoring compliance with and performance assessment against the environmental management programme and reporting thereon, including

- g. Monitoring of Impact Management Actions
- h. Monitoring and reporting frequency
- i. Responsible persons
- j. Time period for implementing impact management actions
- k. Mechanism for monitoring compliance

Table 17: Mechanism for monitoring

SOURCE ACTIVITY	IMPACTS REQUIRING MONITORING PROGRAMMES	FUNCTIONAL REQUIREMENTS FOR MONITORING	ROLES AND RESPONSIBILITIES (FOR THE EXECUTION OF THE MONITORING PROGRAMMES)	MONITORING AND REPORTING FREQUENCY and TIME PERIODS FOR IMPLEMENTING IMPACT MANAGEMENT ACTIONS
All Prospecting	N/A	Ensure that the prospecting programme is being implemented in line with the approved prospecting works programme.	Royal M Coal Geologist	Submit an annual prospecting progress report to DMR
Activities	All commitments contained in the BA Report and accompanying EMPr	Ensure commitments made within the approved BAR and EMPr are being adhered to.	Internal environmental control officer and independent EAP	Undertake and submit an environmental performance audit every two years to DMR
	Noise	Weekly inspections will cover the	Appointed drilling contractor	Weekly inspection and reporting
	Dust fall	following: _ Implementation of effective waste management _ Establish and implement a stakeholder compliant register on site and ensure that all complaints are responded to promptly Ensure that an oil spill kit is readily		
	Visual			
Drilling Activities	Soil & vegetation			
Drinning / Certorinos	Social			
	Housekeeping & maintenance			
	Waste management	available.		

I. Indicate the frequency of the submission of the performance assessment/ environmental audit report.

Regular monitoring of all the environmental management procedures and mitigation measures shall be carried out by the Company in order to ensure that the provisions of this EMP are adhered to. Formal monitoring and performance assessment of the EMP will be undertaken annually. A framework for a monitoring and performance assessment report is included in Appendix. Site photographs taken before drilling commences after each frilling site has been rehabilitated must be included in the performance assessment reports

m. Environmental Awareness Plan

(1) Manner in which the applicant intends to inform his or her employees of an environmental risk which may result from their work.

All employees will be required to undergo site induction. Additionally, daily toolbox talks will be held each morning before the activities for the day are commenced.

The Site Induction training will focus on the following:

- Discussion of environmental impacts as indicated in the Impact Assessment Table
- Waste management The removal of all waste from site to prevent litter
- Water usage Conservation of water, correlation between water & erosion.
- Driving protocol Pre-start vehicle checks prior to driving, adhering to speed limits on dirt roads.
- Environmental mitigation Example no collection of wood, no open fires, no snaring of animals, no unnecessary destruction of vulnerable natural vegetation, clean-up of hydrocarbon spills, etc.
- Emergency procedure Type of emergencies, type of alarms, emergency equipment, location of assembly point and identification of emergency wardens.

During the daily toolbox talks, the following will be discussed:

- Any environmental or health and safety incidents that may have occurred the previous day.
- Status of housekeeping on site.
- Ad hoc refresher in terms of emergency procedures.

(b) Manner in which risks will be dealt with in order to avoid pollution or the degradation of the environment.

Please refer to the following:

- Impact Table
- The Table presented above in Part B 1 (d) (iii).

n. Specific information required by the Competent Authority

(Among others, confirm that the financial provision will be reviewed annually).

- Prospecting Work Programme
- The Financial Provision reviewed on an annual basis
- Performance assessment
- External Audits

o. UNDERTAKING

The EAP herewith confirms

- a) The correctness of the information provided in the reports
- b) The inclusion of comments and inputs from stakeholders and I&APs;
- c) The inclusion of inputs and recommendations from the specialist reports where relevant; and
- d) That the information provided by the EAP to interested and affected parties and any responses by the EAP to comments or inputs made by interested and affected. Parties are correctly reflected herein.

Signature of the environmental assessment practitioner:

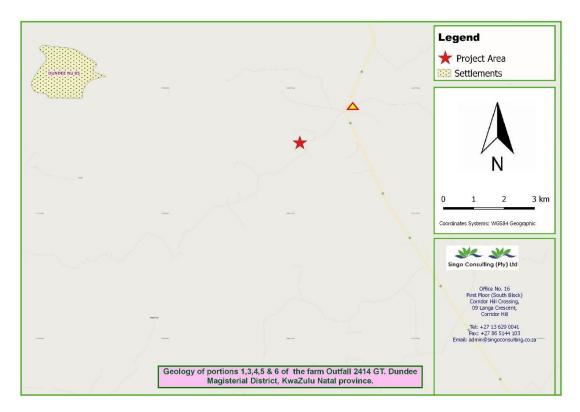
Singo Consulting (Pty) Ltd

Name of company:

20/02/2020

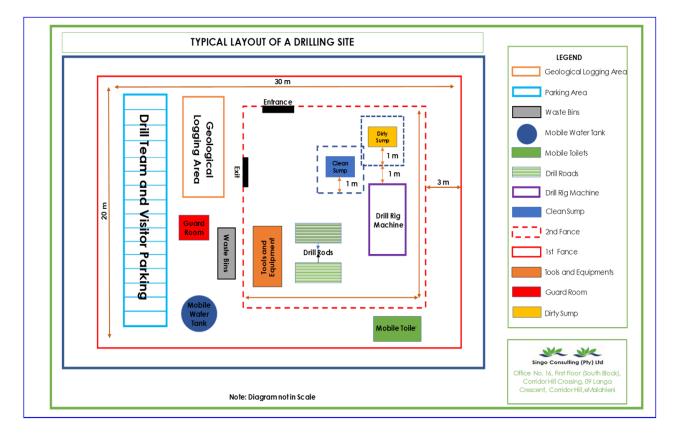
Date:

-END-

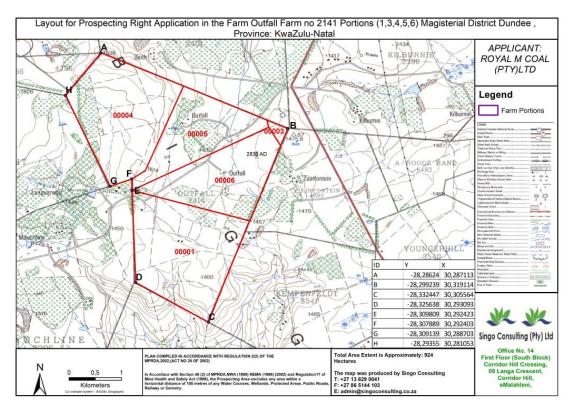


Appendix A: KEY PROJECT MAPS

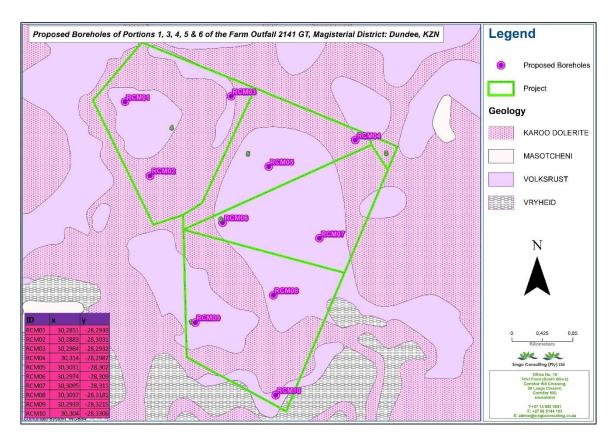
Locality Map of the project area.



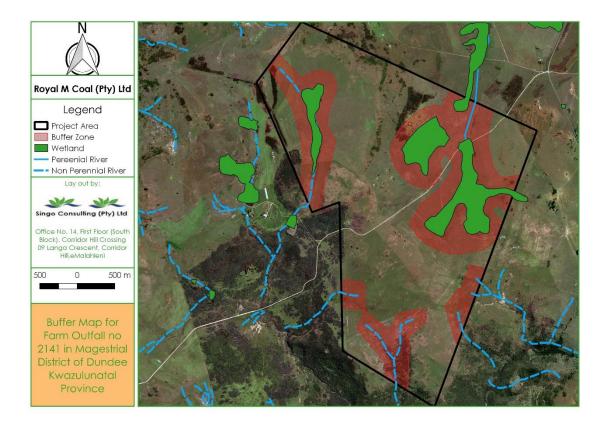
Infrastructure Map.



Regulation 2.2 Map for the proposed project area.



Proposed boreholes map



Hydrological buffer map

Appendix B: COMPETENT AUTHORITY CORRESPONDENCE



Department: Mineral Resources REPUBLIC OF SOUTH AFRICA

Private Bag X 54307, Durban, 4000, 333 Anton Lembede Street, 3rd Floor Durban Bay House, Durban, Tel (031) 335 9600, Fax (031) 305 5801 Reference: KZN 30/5/1/1/2/ 10930 PR Enquiries: Ms. Zama Zulu Email address: Zama Zulu@dmr.gov.za, Date: 19th November 2019

REGISTERED MAIL

THE MANAGER ROYAL M COAL (PTY) LTD PRIVATE BAG X7297 HIGHVELD MALL EMALAHLENI (WITBANK) 1035

Dear Sir/Madam

ACCEPTANCE OF AN APPLICATION FOR PROSPECTING RIGHT IN TERMS OF SECTION 16(4) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002).

- Please be informed that your application for a Prospecting Right for Coal in the Magisterial District of Endumeni is hereby accepted on Portions 1 & 3-6 of the Farm Outfall No. 2414-GT in terms of section 16 of the Act.
- Please take further note that in terms of section 16 (4) of the Act, you are required to:-
- 2.1 Upload unto the SAMRAD system and submit within 90 days from date of this notice six copies of the relevant environmental reports required in terms of Chapter 5 of the National Environmental Management Act 107 of 1998.
- 2.2 To consult in the prescribed manner with the landowner, lawful occupier and any interested and affected party including the Land Restitution Commission and include the result of such consultation in the relevant environmental reports to be submitted and uploaded on the SAMRAD system on or before 13th January 2020 (within 30 days from the date of this letter).

DMR 10

Acceptance Of An Application For Prospecting Right In Terms Of Section 16 Of The Mineral And Petroleum Resources Development Act, (Act 28 Of 2002) To Prospect For Coal on Portions 1 & 3-6 of the Farm Outfall No. 2414-GT Situated In The Magisterial District Of Endumeni: Ekuseni Royal M Coal (Pty) Ltd, ZZ

Please note that the consultation process referred to in paragraph 2.2 above does not imply issuing letters and requesting the affected parties to indicate whether they support your proposed project or not.

It includes among others an extensive process of giving and discussing the specific details of the proposed project, giving the I & A Parties an opportunity to table their comments, objection and support, it also involves **your written responses and specific commitments made** in dealing with the issues raised during the consultation.

Note that it is important to ensure that your consultation process is comprehensive so that your Environmental Impact Assessment and Environmental Management Plan can be informed by all potential impacts that your project may have.

- 3. Should the land be owned by the communities or a Trust on behalf of the community, a proper and thorough consultation process must be engaged upon and a legitimate Tribal Resolution or consent must be obtained from the Traditional Authority / Council or Trust and be submitted with the results of consultation. Should you need any assistance or guidance relating to the required consultation process & procedure in traditional institutions, please contact the District office of the Department of Cooperative Governance and Traditional Affairs in uMzinyathi District Municipality.
- 4. You are directed to consult the Department of Land Affairs and the Land Claims Commission should the land be State owned or be subject of a land claim in terms of the Land Restitution Act and the results of their responses be dealt with as referred to in paragraph 2 (b) above.
- 5. Further note that the acceptance of your application does not grant you the right to commence with prospecting activities. It only signifies that your application will be processed and evaluated. The Minister or his delegate will make a decision once the process of the evaluation and appeal on the Environmental Authorization application has been finalized.
- 6. You are in terms of Section 17(1) of the Act required to give effect to the objects referred to in Section 2(d) of the Act. Therefore please submit on or before 24th February 2020 (within 60 days from the date of this letter) to this office for the

Acceptance Of An Application For Prospecting Right In Terms Of Section 16 Of The Mineral And Petroleum Resources Development Act, (Act 28 Of 2002) To Prospect For Coal on Portions 1 & 3-6 of the Farm Outfall No. 2414-GT Situated In The Magisterial District Of Endumeni: Ekuseni Royal M Coal (Pty) Ltd, ZZ

attention of Regional Manager any documentation proving such including but not limited to:-

- 6.1. Duly signed shareholders agreements with your empowerment partner in which provision **shall** be made for entrepreneurs, local community and employees,
- 6.2. Share certificates,
- 6.3. Details relating to the equity by the BEE shareholders, Any other agreement relating to the BEE shareholding including the voting pool agreement where applicable,
- 6.4. Articles and memorandum of association of the company.
- 6.5. Any other information that may be necessary to explain and serve as evidence that the applicant meets the appropriate HDSA ownership and/or compliance requirements of the aforesaid Act and Mining Charter.
- 7. Please submit <u>within 60 days</u> (24th February 2020) from date of this letter for the attention of Regional Manager a complete prospecting work programme prepared in terms of Regulation 7 of the Mineral and Petroleum Resources Development Act, 2002 (Act no 28 of 2002): Mineral and Petroleum Development Regulation.
- You are also required to adhere with the requirements of Mine Health and Safety Inspectorate and upload on system the required information and details on or before 13th January 2020 (within 30 days from the date of this letter).
- Please be advised that your application might be processed in terms of section 9 (1)
 (b) of the Act. If this office discovers that there is an existing or pending application on the same properties and for the same mineral, this application shall discontinue.
- 10. Further note, 'In light of the minimum requirements as stipulated on Regulation 16 (1) and 16 (2) of the EIA Regulations, your application for an Environmental Authorisation was incomplete as it was not accompanied by this acceptance letter as per Sub Regulation 16 (1)(ix) and considering that it is now completed by this acceptance letter, you are hereby required to submit the documents as stipulated on Regulation 19 (1) to 19 (1) to 19 (8) of the EIA Regulations (Only in cases where Basic Assessment Report is applicable) or Regulations 21 (Scoping Report) and Regulation 23 (EIR and EMPr) (In case of Scoping and Environmental Impact Report). All timeframes are effective from the date of this letter.

Acceptance Of An Application For Prospecting Right In Terms Of Section 16 Of The Mineral And Petroleum Resources Development Act, (Act 28 Of 2002) To Prospect For Coal on Portions 1 & 3-6 of the Farm Outfall No. 2414-GT Situated In The Magisterial District Of Endumeni: Ekuseni Royal M Coal (Pty) Ltd, ZZ

11. Please take note that failure to adhere to the timeframe stipulated above and to submit any documentation required in terms of this notice will result into non-compliance with the provision of the Act and the Amendment Act and will result in the refusal of your application.'

Yours faithfully

REGIONAL MANAGER KWAZULU NATAL REGION DATE: 19112019

Acceptance Letter for the proposed project.

Appendix C: NEWSPAPER ADVERT & PROOF OF PUBLISHING

NOTICE OF PUBLIC PARTCIPATION FOR PROSPECTING RIGHT AND ENVIRONMENTAL AUTHORIZATION APPLICATION.

Application for Prospecting Right: Royal M Coal (Pty) Ltd has received an acceptance letter, (DMR Ref: KZN 30/5/1/1/2/10930 PR) for the purpose of prospecting for Coal on Portions 1, 3, 4, 5, and 6 of farm Outfall 2414 GT, situated in the Local Municipality of Endumeni, under Dundee Magisterial District, KwaZulu Natal Province. Notice is hereby given in terms of the Mineral and Petroleum Development Act (MPRDA) (Act 28 of 2002) and EIA regulations 2014, published under Government Notice No. 982 in Gazette No. 3822 of 8 December 2014, amended on 7 April 2017, that Royal M Coal (Pty) Ltd has applied for a Prospecting Right for the abovementioned mineral.

INVITATION TO COMMENT

Registration as Interested & Affected Party: As part of the EIA process, more especially the public participation process for this proposed project, Interested and Affected Parties (I&APs) are invited to register and kindly submit any comments or concerns to reach Ms Sithabile Kabaira, no later than Sunday, the <u>16th of February</u> <u>2020</u> using the contact details provided below. The public is also invited to review and comment on the Draft Basic Assessment Report and EMPr. The draft EMPr report will be available for review for 30 days calendar period from <u>Monday the 17th of February 2020 to Tuesday the 17th of March 2020</u>. This report will be available via Email upon request from the respective EAP and at Dundee Library, (Boundary street, Dundee, Endumeni, 3000).

LANDOWNER

The proposed project directly affects portions owned by: Kompas Trust, Portions 1 and 6; Mr Petrus Hendrik Bruyns, Portion 3 and Mr Kenneth John Leon Robinson, Portions 4 and 5.

ENVIRONMENTAL ASSESSMENT PRACTITIONER AND CLIENT DETAILS:



Office No. 16, Corridor Hill Crossing 09 Langa Crescent Corridor Hill eMalahleni 1035.

Tel No.: +27 13 692 0041 Fax No.: +27 86 514 4103 Cell No.: +27 83 551 4492 Email: sithabile@singoconsulting.co.za



3675/102 Canterbury Street Protea South PO Chiawelo Soweto Gauteng 1818

Cell No: +27 73 441 0358/ +27 83 502 0801 Fax No: +27 86 514 4103 Email: <u>mathekhoa@gmail.com</u>

Newspaper Advert

There is no other party older

than the ANC. Congratulations to the founders of the movement,

January 17 Friday, 2020

Church to host Cuppa 4 CANSA

10

The Dundee Methodist Church will remember the fallen and honour

the survivors of cancer on Sunday. The church will play host to the Cancer Association of South Africa (CANSA), which will be holding a special Cuppa 4 CANSA after the service. The morning worship will remember those who have lost their lives to cancer and celebrate all those who have bravely conquered the disease. Cakes and tea will then be on sale Canes and tea will then be on sate in the hall, with all proceeds going towards CANSA. The special service is open to the public and all are welcome to attend. For details, contact Wesley on 082 421 9029.

CANSA

Sunday 10 January 2020 Dundee Methodist Church 8:3Cam The Cancer Association of South Africa will be holding an awareness morning at the Dundee Methodist Church.

Methodist Green and vellow marks milestone ANC birthday

The African National Congress (ANC) celebrated it's 108th year on January 8. The Moth Hall was flooded

with supporters clad in green and yellow, including ANC members from the Umzinyathi District and surrounding areas who gathered to mark the occasion

Amongst the leaders of ANC in attendance was Durban Mayor, Mxolisi Kaunda, who addressed the public. In his speech, he

delivered a message from the Provincial Executive Commit "Today we celebrate 108 years.



Ethekwini Mayor, Mxolisi Kaunda, addressing ANC members who gathered in the Moth Hall.

as well as all the former leaders who are part of this movement." Speaker after speaker reflected

on where the ANC had come from as a party and how far it had come since then.



The Moth Hall was packed to its capacity with ANC members from Dundee and surrounding areas.



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she she Singo Consulting (Pty) Ltd Office No. 16, Corridor Hill Crossing 09 Langa Crescent Corridor Hill eMalahleni 1035

Tel No.: +27 13 692 0041 Fax No.: +27 86 514 4103 Cell No.: +27 83 551 4492 Email: sithabile@singoconsulting.co.za

G-HOWAL CT COMME 3675/102 Canterbury Street Protea South PO Chiawelo Soweto Gauteng 1818

Cell No: +27 73 441 0358/ +27 83 502 0801 Fax No: +27 86 514 4103 Email: mathekhoa@gmail.com

VACANCY

Sales Person (Driver) Manufacturing business based in Giencoe, wanting a mature responsible individual to help grow customer base in retail industry.

Must have drivers license
 Speak English, (Zulu an advantage but not essential),and
 Be prepared to call on stores in rural areas.

Position is flexi hours with option to add doing deliveries

Send short CV to jamuller222@gmail.com

ANNEXURE D

NOTICE TO DISPLAY INTENTION TO PPLY FOR LIQUOR LICENCE IN TERMS OF SECTION (42)(1)(b)(III) OF ACT KwaZulu-Nsiti Liquor Licensing Act, 2010 (Act No. 6 of 2010) KZNIA ne and sumame of the VINCENT VULIN-licent: SENSE MVELASE

applicant Category of licence applied for: (on/off-consumption/ micro-manufacturer/special On- Consumption

vent): Type of premises for which Tavern Trading name of the premises: BANTU TAVERN ss of the premises: KWANGUBO AREA UNDER INKOSI MTHEMBU, TUGELA FERRY

Date of Displa 17 January 2020 Expiry Date of Display 14 February 2020 NB: Objections should be lodged with the local committee in the district from whore the application emanates within 21 days from the date of the display. CRNLAA Umainyathi District, 25 Beaconsfeld Street, Office, 4, EDTEA Building, Dundee, 3090, NingLZskwegSkanjaz.co.za

FORM JJJ LOST OR DESTROYED DEED

Notice is hereby given in terms of regulation 58 of the Deeds Registries Act, 1937, of the intention to apply for the issue of certified copy of T17614/1995 passed by

TREVOR KENNETH ARNOLD Identity Number: 561215 5083 089 Married out of Community of Property

In respect of the under mentioned property

ERF 1456 GLENCOE REGISTRATION DIVISION GT PROVINCE OF KWAZULU-NATAL IN EXTENT: 1012 (ONE THOUSAND AND TWELVE) SQUARE METRES

All interested persons having objection to the issue of such copy are hereby required to lodge the same in writing with the Registrar of Deeds at Pietermartizeturg within two weeks from date of the publication of this notice.

Dated at Dundee this 13th day of January 2020

HELLBERG, THÖLE INC 66 GLADSTONE STREET conveyancing.ht@talkomsa.net Contact Number: 034 212 4141 Reference: WE Thöle/cr/02A134/001

FORM JJJ LOST OR DESTROYED DEED

Notice is hereby given in terms of regulation 68 of the Deeds Registries Act, 1937, of the interntion to apply for the issue of certified copy of T19340/1991 passed by

WAYNE GLOVER Identity Number: 661629 5059 083 Unmarried

in respect of the under mentioned property

ERF 4195 DUNDEE (EXTENSION NUMBER 27) REGISTRATION DIVISION GT PROVINCE OF KWAZULU-NATAL IN EXTENT: AT7 (FOUR HUNDRED AND SEVENTY SEVEN) SQUARE METRES

All interested persons having objection to the issue such copy are hereby required to lodge the same in writing with the Registrar of Deeds at Pielemmatizzung within two weeks from date of the publication of this notice.

Dated at Dundee this 13th day of January 2020

HELLBERG, THÔLE INC

conveyancing.ht@telkomsa.net Contact Number: 034 212 4141 Reference: WE Thöle/cr/025438/001

Published Newspaper

152

Appendix D: LANDOWNER CONSULTATION



Dear Landowner:

PROSPECTING RIGHT APPLICATION FOR COAL RESOURCES, IN THE MAGISTERIAL DISTRICT OF THE DUNDEE, KWAZULU-NATAL PROVINCE DMR REF. NO.: KZN 30/5/1/1/2/10930 PR.

Singo Consulting (Pty) Ltd on behalf of Royal M Coal (Pty) Ltd wishes to inform you about the prospecting of the above-mentioned resources on your land, farm Outfall 2414 GT, on Portions 1, 3, 4, 5, and 6. Royal M Coal (Pty) Ltd has applied for Prospecting Right together with the Environmental Authorizations (EA) in terms of Section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) (MPRDA). The proposed project area is situated within the Local Municipality of Endumeni, under Umzinyathi District Municipality, KwaZulu-Natal Province.

Singo Consulting (Pty) Ltd has been appointed as an independent Environmental Assessment Practitioner (EAP). We are conducting a Basic Assessment process, if you have any comment(s) or concerns regarding the proposed project or terms and conditions you want to lay down, kindly fill the comment form below and register your comments.

Kindly note that as a landowner your comments are critical in decision making at DMR concerning the proposed project. Should you have any queries regarding the proposed project, please do not hesitate to contact me.

Kind Regards



Singo Consulting (Pty) Ltd

Office No. 16, Corridor Hill Crossing 09 Langa Crescent, Corridor Hill eMalahleni, 1035.

Tel No.: +27 13 6920 041 Fax No.: +27 86 5144 103 Cell No.: +27 83 551 4492 Email: sithabile@singoconsulting.co.za



3675/102 Canterbury Street Protea South PO Chiawelo Soweto Gauteng 1818

Cell No: +27 73 441 0358/ +27 83 502 0801 Fax No: +27 86 514 4103 Email: <u>mathekhoa@gmail.com</u>



herewith acknowledge receipt of:

One (1) copy of the letter entitled: PROSPECTING RIGHT APPLICATION ON PORTIONS 1, 3, 4, 5 & 6 OF THE FARM OUTFALL 2414 GT IN THE MAGISTERIAL DISTRICT OF THE DUNDEE, KWAZULU-NATALPROVINCE.

Physical address:	Office No. 16, First Floor (South Block), Corridor Hill Crossing, 09 Langa Crescent Corridor Hill, eMalahleni, 1035.
Postal address	P/Bag X7297 Postnet Suite 87 Highveld Mall Witbank 1035
Tel No:	+27 13 692 0041
Cell No:	+27 83 551 4492
Fax No:	+27 86 514 4103
Email:	admin@singoconsulting.co.za kenneth@singoconsulting.co.za sithabile@singoconsulting.co.za

Please comment and return to:

Personal Details:

١, _

Full Name Surname:					
Contact D	etails:				
Tel(w):		Tel(h):	Fax No:	Cell No:
Email:			-		
Physical Address:					
Postal Add	dress:				
Preferred	method (ofcommunic	ation: fax e-r	nail 🚺 post 📘	
Preferred	telephon	ic communic	ation: cell <mark>h</mark> o	me work	
Organisat	ion/Repre	esentative:			
Farm nam Address (i		er and subdiv ble):	ision or Street		



What is your interest in the proposed project? E.g. Property Owner/Lessee/Tenant? Please
provide details of the property.

Do you have grounds for concerns in res	pect to this application? Please tick the
appropriate box and substantiate.	
YES	NO
Categorized issues of concerns: Please"	X'' the appropriate box
Air quality	Noise
Archaeology	Soil
Surface water	Employment
Groundwater	Security
Ecology	Visual
Land use and Planning	Quality of life
Waste management	Property value
Economy	Nuisance
Economy	Nuisance

4. If yes, please list elaborate further.



 Are there, in your opinion, any other interested/ or affected parties that should be contacted in relation to this application? Please "X" appropriate box.

|--|

	_	

NO

6. If yes, please provide their contact details:

Name:		Organization:	
Contact details			
Address:			
Tel No:	Fax No:	Cell No:	
Email address:			

SIGNATURE:

DATE: _____

THANK YOU

Landowner Notification Letter

Farm	List			Printed: 2020/01/09 11:4 ndeec sNexis® Product
Farm Name	ce PIETERMARITZBURG n Division GT e OUTFALL			
-	Extent NOT SELECTED			
	Extent NOT SELECTED	Title Deed	Registration Date	Purchase Price (R)
Remaining PORTIO	Extent NOT SELECTED	Title Deed	Registration Date	-
Remaining PORTIOI Portion	Extent NOT SELECTED			Purchase Price (R) R0.00 R640000.00
Remaining PORTIOI Portion 0	Extent NOT SELECTED	T2101/1940	1940/05/01	R0.00
Remaining PORTION Portion 0 1	Extent NOT SELECTED VLIST Owner R S A KOMPAS TRUST-TRUSTEES ''' NO LONGER EXISTS - SEE	T2101/1940	1940/05/01	R0.00
PORTION Portion 0 1 2 3	Extent NOT SELECTED VLIST Owner R S A KOMPAS TRUST-TRUSTEES *** NO LONGER EXISTS - SEE ENDORSEMENTS ***	T2101/1940 T62243/2004	1940/05/01 2004/11/25 -	R0.00 R640000.00 R1400000.00
Remaining PORTION Portion 0 1 2	Extent NOT SELECTED VLIST Owner R S A KOMPAS TRUST-TRUSTEES *** NO LONGER EXISTS - SEE ENDORSEMENTS *** BRUYNS PETRUS HENDRIK	T2101/1940 T62243/2004 T30254/2008	1940/05/01 2004/11/25 - 2006/07/03	R0.00 R640000.00

This report contains information gathered from our suppliers and we do not make any representations about the accuracy of the data displayed nor do we accept responsibility for inaccurate data. WinDeed will not be liable for any damage caused by reliance on this report. This report is subject to the terms and conditions of the <u>WinDeed End User Licence Agreement (EULA)</u>.

Appendix D: PROOF OF CONSULTATION

PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



Good Morning,

I hope this email finds you well.

Singo Consulting (Pty) Ltd on behalf of Royal M Coal (Pty) Ltd, hereby wishes to inform you that we have submitted an application for a Prospecting Right together with an Environmental Authorization to the KwaZulu-Natal Department of Mineral Resources (DMR) for the proposed prospecting project for coal on portions 1, 3, 4, 5 and 6 of the farm Outfall 2414 GT, situated within the Endumeni Local Municipality under Magisterial District of Dundee, KwaZulu-Natal Province.

This Notification is being given in compliance with the terms of: Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) (MPRDA), National Environmental Management Act, 1998 (Act No. 107 of 1998), and EIA Regulations (as amended, 07 April 2017) which requires that stakeholders must be notified of Royal M Coal (Pty) Ltd's intention to obtain Prospecting Right for the above mentioned mineral.

This invitation is being extended to you because the department that you represent might be somehow enforcing any of the Republic of South Africa's laws of which ensures; prevention of pollution & environmental degradation, promotes sustainable development & socio-economic development, or might just be affected by the mining activities. Hence you are being offered an opportunity to:

- Register as an I&APs and to respond to the environmental compliance process;
- Raise issues of concern and provide suggestions for enhanced benefits;
- Contribute to local knowledge;
- Comment on the Draft Basic Assessment Report (DBAR) & Environmental Management Plan report (EMPr) once it is available.

Singo Consulting (Pty) Ltd has been appointed as an independent Environmental Assessment Practitioner (EAP) to manage the environmental authorization process, by conducting Environmental Impact Assessment, Public Participation for the proposed project and compile an Environmental Management Plan report. A Basic Assessment process has commenced, for your participation kindly fill the comment form in the attached BID and register any comments, concerns or questions that you may have regarding the proposed project. Should you need any clarity on the attached documents or have any queries with regards to the project, please do not hesitate to contact me on the details below.

Please find the attached Background Information Document (BID) for detailed description of the proposed project and timelines.

Kind regards,

Sithabile Kabaira Junior Consultant			Sin	igo Consulting (Pty) Ltd	
85c (Hans) (Cand) Environmental Monitoring and Madelling 85c Environmental Management N Dip Mine Geology	 •27 13 692 0041 •27 83 551 4492 •27 86 514 4103 	 www.singaconsult sithabile@singaci 09 Langa Cresce First Floor (South 	onsulting co za nt. Corridor Hill C			
PROSPECTING RIGHT APPLIC	ATION AND ST	TAKEHOLDER	INVITATI	ON TO CON	MMENT. (D	MR
Sithabile <sithabile@singoco< td=""><td>onsulting.co.za></td><td></td><td>← Reply</td><td>🖔 Reply All</td><td>ightarrow Forward</td><td></td></sithabile@singoco<>	onsulting.co.za>		← Reply	🖔 Reply All	ightarrow Forward	
To 'razz.prof@gmail.com'	-				Fri 2020/01/	10 15:34
Cc 'Kenneth, Singo'; 'livhuwani@sin 'masindi@singoconsulting.co.za			g.co.za ;			
Background Information Document.pd	lf					

Good Morning,

585 KB

PDF

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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...

	Sithabile <sithabile@singoconsulting.co.za></sithabile@singoconsulting.co.za>	S Reply	≪ Reply All	\rightarrow Forward	
2	To 'mokhantsom@umzinyathi.gov.za'			Fri 2020/01/	10 15:36
	Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulti 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'	ng.co.za';			
PDF	Background Information Document.pdf 🗸 585 KB				

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I hope this email finds you well.

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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...

Sithabile <sithabile@singoconsulting.co.za> To 'KarenM@daff.gov.za'

	← Reply	≪ Reply All	→ Forward
--	---------	-------------	-----------

Fri 2020/01/10 15:38

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

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Kind regards,



PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



Sithabile <sithabile@singoconsulting.co.za>

\bigcirc Reply \bigotimes Reply All \rightarrow Forward \cdot

Fri 2020/01/10 15:40

To 'BuhleM@daff.gov.za'

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



Sithabile <sithabile@singoconsulting.co.za>

- To 'PMBResourceCentre@daff.gov.za'
 - Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'



← Reply	Reply All	\rightarrow Forward	•••		
		Fri 2020/01/10 15:42			

Good Morning,

I hope this email finds you well.

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Please find the attached Background Information Document (BID) for detailed description of the proposed project and timelines.

Kind regards,



Acknowledgement Letter



PMB ResourceCentre < PMBResourceCentre@daff.gov.za >

← Reply ← Keply All

To sithabile@singoconsulting.co.za

Cc Thembalakhe Sibozana; Amkela A.S. Chiya

Follow up.



BID_ Prospecting right on the Farm Outfall 2414.pdf 46 KB

Good Morning,

Please find attached.

Regards,

PMB Resource Centre

Sub Directorate: Forestry Regulations & Support Department of Agriculture, Forestry and Fisheries

 Tel:
 033 392 7700

 Fax:
 033 342 8783

 Web:
 www.daff.gov.za

 E-mail:
 PMBResourceCentre@daff.gov.za



agriculture, forestry & fisheries

Department: Agriculture, Forestry and Fisheries **REPUBLIC OF SOUTH AFRICA**



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agriculture, forestry & fisheries

Department: Agriculture, Forestry and Fisheries REPUBLIC OF SOUTH AFRICA

F'⊒: 033 342 8783	d DAFF	🏽 Mr. T. Sibozana
Ta: 033 392 7721	Forestry Regulations & Support	13 January 2020
<u> ≋ThembalakheS@daff.gov.za</u>	P/Bag X9029	
	Pietermaritzburg	
	3200	

09 Langa Crescent Corridor Hill eMalahleni

Attention: Sithabile Kabaira

BACKGROUND INFORMATION DOCUMENT (BID) PROPOSED PROSPECTNG RIGHT APPLICATION OF COAL IN PORTION 1, 3, 4, 5 AND 6 OG THE FARM OUTFALL 2414 GT, DUNDEE MAGISTERIAL DISTRICT, KWAZULU-NATAL.

This letter serves as a notice of receipt for the above document received on 10 January 2020. Kindly note that the document will be processed within 30 days from the date of receival, provided that all requested information is submitted to the department timeously. Should any further information be required, please do not hesitate to contact this office.

Yours faithfully Mr. T. Sibozana

D Br

Forestry Regulations & Support KwaZulu-Natal Forestry Management

Comments from DAFF

 PMB ResourceCentre <PMBResourceCentre@daff.gov.za>

 To sithabile@singoconsulting.co.za

 Cc Thembalakhe Sibozana; Amkela A.S. Chiya

 i) Follow up.

 You replied to this message on 2020/01/13 15:19.

 BID_Prospecting right application for Coal, Farm Outfall.pdf

 58 KB



Good Afternoon,

Should you have any further queries, please do not hesitate to contact Thembalakhe on, **Tel:** 0333927721 or Email: <u>ThembalakheS@daff.gov.za</u>

Regards,

PMB Resource Centre

agriculture, forestry & fisheries

Agriculture, Forestry and Fisheries REPUBLIC OF SOUTH AFRICA Sub Directorate: Forestry Regulations & Support Department of Agriculture, Forestry and Fisheries

 Tel:
 033 392 7700

 Fax:
 033 342 8783

 Web:
 www.daff.gov.za

 E-mail:
 PMBResourceCentre@daff.gov.za



agriculture, forestry & fisheries

Department: Agriculture, Forestry and Fisheries REPUBLIC OF SOUTH AFRICA

F 🖃: 033 342 8783	@ DAFF	≫ Mr T. Sibozana
T 🖀: 033 392 7739	Forestry Regulations & Support	13 January 2020
🖅 ThembalakheS@daff.gov.za	P/Bag X9029	
	Pietermaritzburg	
	3200	

09 Langa Crescent Corridor Hill eMalahleni 1040

Attention: Sithabile Kabaira

BACKGROUND INFORMATION DOCUMENT FOR THE PROPOSED PROSPECTING RIGHT APPLICATION OF COAL IN PORTIONS 1, 3, 4,5 AND 6 OF THE FARM OUTFALL 2414 GT. DUNDEE MAGISTERIAL DISTRICT, KWAZULU-NATAL.

The Department of Agriculture, Forestry and Fisheries appreciates the opportunity given to review and comment on the Background Information Document (BID) for the above mentioned project. DAFF, through the sub- directorate forestry regulations and support, is the authority mandated to implement the National Forest act (Act No. 84 of 1998) by regulating the use of natural forest and protected tree species in terms of the said Act.

With reference to the document received on 10/01/2020, the proposed project is situated within the farm of Outfall at Dundee magisterial district. The department will not be able to provide a final comments at this stage however, comments will be provided upon the receipt of Draft Basic Assessment and Environmental management plan specifying how the natural forest or protected trees within the development footprint will be affected. This letter does not exempt you from considering other environmental legislations. Should any further information be required, please do not hesitate to contact this office.

Yours Faithfully

Mr.T. Sibozana

Forestry Regulations and Support: KZN Forestry Management

RE: Comments from DAFF



Sithabile <sithabile@singoconsulting.co.za> To 'PMB ResourceCentre'

← Reply	Reply All	\rightarrow Forward	•••		
Mon 2020/01/12 15:10					

Cc 'Thembalakhe Sibozana'; 'Amkela A.S. Chiya'

(i) This message is part of a tracked conversation. Click here to find all related messages or to open the original flagged message.

Good afternoon.

Singo Consulting (Pty) Ltd acknowledges receipt of your email. Thank you for your prompt response.

Kindly note that the Draft BAR and EMPr will be emailed to your office for you to review and comment on as soon as it is available.

Kind regards,



PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



Good Morning,

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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



Sithabile <sithabile@singoconsulting.co.za>

← Reply	🏀 Reply All	\rightarrow Forward	
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Fri 2020/01/10 15:46

To 'StarkeyA@dws.gov.za'

Cc 'Kenneth, Singo', 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'



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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



Sithabile <sithabile@singoconsulting.co.za> To 'pillayr@dws.gov.za'

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

Background Information Document.pdf 585 KB

← Reply	≪ Reply All	ightarrow Forward		
Fri 2020/01/10 15:48				

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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...

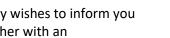
- Sithabile <sithabile@singoconsulting.co.za>
- To 'nerissa.pillay@kznwildlife.com'
- Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

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Reply All

Forward

Fri 2020/01/10 15:50

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Reply

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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...

Sithabile <sithabile@singoconsulting.co.za>

To 'dinesree.thambu@kznwildlife.com'

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

Background Information Document.pdf 585 KB

\bigcirc Reply \bigotimes Reply All \rightarrow Forward \cdots

Fri 2020/01/10 15:52

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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



Sithabile <sithabile@singoconsulting.co.za>

← Reply	🏀 Reply All	\rightarrow Forward	
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Fri 2020/01/10 15:56

To 'Kacy.Rengasamy@kznedtea.gov.za'

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'



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Sithabile Kabaira Junior Consultant		Singo Consulting (Pty) Ltd
BSc (Hons) (Cand) Environmental Monitoring and Madeling BSc Environmental Management NDip Mine Geology	 +27 13 692 0041 +27 83 551 4492 +27 86 514 403 	 www.singoconsulting.co.za sthabile@singoconsulting.co.za 09 Langa Crescent, Corridor Hill Crossing First Floor (South Block), Office No. 16. eMalahleni

PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...

← Reply

Reply All

. . .

Fri 2020/01/10 15:58

→ Forward



Sithabile <sithabile@singoconsulting.co.za>

To 'sipho.mkhwananzi@kznedtea.gov.za'

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

Background Information Document.pdf 585 KB

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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



∽ Reply	≪ Reply All	\rightarrow Forward		
	Sat 2020/01/11 09:02			

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585 KB

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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



Sithabile <sithabile@singoconsulting.co.za>

To 'Mbongeni.Tshabalala@labour.gov.za'

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

Background Information Document.pdf 585 KB

S Reply	Reply All	→ Forward	•••	
		Sat 2020/01/1	1 09:07	

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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



Sithabile <sithabile@singoconsulting.co.za>

To 'zilungile.khanyile@kzntransport.gov.za'

← Reply ← Reply All → Forward ← · · ·

Sat 2020/01/11 09:09

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

Background Information Document.pdf 585 KB

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FW: PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (...



₽0F

Bernadet <bernadetp@amafapmb.co.za> To sithabile@singoconsulting.co.za

∽ Reply	🏀 Reply All	ightarrow Forward	
		Thu 2020/02/0	6 13:01

(i) Follow up.

Prospecting project for coal on portions 1, 3, 4, 5 and 6 of the farm Outfall 2414 GT, situated within the Endumeni.pdf 572 KB

Good day

Please visit <u>www.heritagekzn.co.za</u> , download Form J and refer to application guidelines therein.

Kind regards

Bernadet Pawandiwa Senior Heritage Officer Archaeology Research and Compliance/Permits KwaZulu –Natal Amafa and Research Institute

Like many things in life, your compassion is a skill that can be exercised. Simeon Lindstrom





Office No: 16, First Floor (South Block) Corridor Hill Crossing, 09 Langa Crescent, Corridor Hill, eMalahleni Tel: +27 13 692 0041 Cell: +27 83 551 4492 Fax: +27 86 5144 103

Email: sithabile@sinaoconsultina.co.za

: admin@sinaoconsultina.co.za

REGISTRATION & COMMENT SHEET

Attention: Sithabile Kabaira

Email: sithabile@singoconsulting.co.za

[Title		Name				S	uman	ne						
	Company	/													
	Designati	on													
	Address														
	Tel No.	-						Fax	No.						
	E-mail							Cell	No.						
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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



Sithabile <sithabile@singoconsulting.co.za>

To 'lindim@amafapmb.co.za'

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'



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 \leftarrow Reply \ll Reply All \rightarrow Forward \cdots

Sat 2020/01/11 09:11

Sithabile Kabaira Junior Consultant		Singo Consulting (Pty) Ltd
85c (Hors) (Cand) Environmental Monitoring and Modelling 85c Environmental Management N.Dip Mine Geology	 +27 13 692 0041 +27 83 551 4492 +27 86 514 403 	 www.singaconsulting.co.za sithabile@singaconsulting.co.za 09 Langa Crescent, Corridor Hill Crossing First Floor (South Block), Office No. 16: eMalahleni

PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



∽ Reply	K Reply All	ightarrow Forward	•••	
		Sat 2020/01/	11 09:14	Ļ

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

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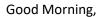
PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...

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Forward

Sat 2020/01/11 09:16





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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



Sithabile <sithabile@singoconsulting.co.za>

← Reply	≪ Reply All	\rightarrow Forward	

To 'wayleaves@eskom.co.za'

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

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Sat 2020/01/11 09:18

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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



Sithabile <sithabile@singoconsulting.co.za>

← Reply	所 Reply All	→ Forward	
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Sat 2020/01/11 09:20

To 'modisen@nra.co.za'

To 'modisen@nra.co.za' Cc 'Kenneth, Singo'; 'takalani@singoconsulting.co.za'; 'livhuwani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

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85c (Hons) (Cand) Environmental Monitoring and Modelling 85c Environmental Management NDip Mine Geology	 +27 13 692 0041 +27 83 551 4492 +27 86 514 403 	 www.singaconsulting.co.za sthabile@singaconsulting.co.za 09 Langa Crescent, Corridor Hill Crossing First Floor (South Black), Office No. 16, eMalahleni 	

PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...

← Reply

쎣 🗞 Reply All

Forward

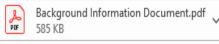
Sat 2020/01/11 09:22



Sithabile <sithabile@singoconsulting.co.za>

To 'ray.teichmann@transnet.net'

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'



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Sithabile <sithabile@singoconsulting.co.za></sithabile@singoconsulting.co.za>		← Reply	≪ Reply All	\rightarrow Forward	•••	
<u> </u>	To 'advocacy@birdlife.org.za'			Sat 2020/01/1	1 09:24	ł
	Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsultin 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'	ig.co.za';				
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		Sithabile <sithabile@singoconsulting.co.za></sithabile@singoconsulting.co.za>	← Reply	≪ Reply All	→ Forward	•••	
	(To 'bongiwe.thabede@kzndard.gov.za'			Sat 2020/01/1	1 09:27	1
		Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsultin 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'	ig.co.za';				
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kom so zo'

← Reply	🏀 Reply All	\rightarrow Forward	
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Sat 2020/01/11 10:02

To 'wayleaves2@telkom.co.za'

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...

Forward

Sat 2020/01/11 10:04



Sithabile <sithabile@singoconsulting.co.za> To 'wayleaveskznou@eskom.co.za' Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

Background Information Document.pdf 585 KB

Good Morning,

I hope this email finds you well.

Singo Consulting (Pty) Ltd on behalf of Royal M Coal (Pty) Ltd, hereby wishes to inform you that we have submitted an application for a Prospecting Right together with an Environmental Authorization to the KwaZulu-Natal Department of Mineral Resources (DMR) for the proposed prospecting project for coal on portions 1, 3, 4, 5 and 6 of the farm Outfall 2414 GT, situated within the Endumeni Local Municipality under Magisterial District of Dundee, KwaZulu-Natal Province.

This Notification is being given in compliance with the terms of: Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) (MPRDA), National Environmental Management Act, 1998 (Act No. 107 of 1998), and EIA Regulations (as amended, 07 April 2017) which requires that stakeholders must be notified of Royal M Coal (Pty) Ltd's intention to obtain Prospecting Right for the above mentioned mineral.

This invitation is being extended to you because the department that you represent might be somehow enforcing any of the Republic of South Africa's laws of which ensures; prevention of pollution & environmental degradation, promotes sustainable development & socio-economic development, or might just be affected by the mining activities. Hence you are being offered an opportunity to:

- Register as an I&APs and to respond to the environmental compliance process;
- Raise issues of concern and provide suggestions for enhanced benefits;
- Contribute to local knowledge;

• Comment on the Draft Basic Assessment Report (DBAR) & Environmental Management Plan report (EMPr) once it is available.

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Please find the attached Background Information Document (BID) for detailed description of the proposed project and timelines.

Kind regards,



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FW: PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (...



PDF

Siyabonga Nsele <NseleSi@eskom.co.za> To ThembisileSibiya Cc sithabile@singoconsulting.co.za

Background Information Document.pdf

← Reply ← Reply All → Forward ···· Sun 2020/01/12 19:13

Greetings Thembi,

581 KB

Please check if Eskom is affected by the attached proposal (BID). If Yes; kindly action as requested.

Regards, Siyabonga S Nsele Eskom Dx - KZN OU Asset Creation – Land Development

Manager : Land & Rights No. 25 Valley View Road, NGY, 3610 T : 031 710 5264 / C : 073 550 1572 / F : 031 710 5146

RE: PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (...



Good day

Please see attached for our comments.

NB: 400kV lines please contact Lungile Motsisi for comments MotsisL@eskom.co.za 011 800 5734

Regards

Thembisile Sibiya

Eskom Holdings SOC Limited I KZN Operations Unit

Land Development Department

31 710 5174
 0840471977
 086 542 3270

sibiyatg@eskom.co.za

www.eskom.co.za

25 Valley View Road, NewGermany,3620



Ms Sithabile Kabaira Singo Consulting (Pty) Ltd 09 Langa Crescent Corridor Hill EMALAHLENI 1035 Date: 20th January 2020

Enquiries: T Sibiya

Tel +27 31 710 5174

Your Ref : Our Ref : ER_INV_13/2020

Dear Sir/ Madam

PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR REF: KZN 30/5/1/1/2/ 10930 PR)

With reference to your emailed application and accompanying plans dated 11th January 2020, we confirm that an investigation has been carried out with regard to the supply of electricity, as well as any encroachment into Eskom's Servitudes, in respect to the application as set out above.

As per the information on your Background Information Document, the following are the only Eskom assets showing to exist on our system.

- 1. Leksand NB2 22-kV Overhead Power Line Distribution Division
- Drakensberg/Pegasus 1 400kV Overhead Powerline & Chivelston/Mersey 3 400 kV Overhead Power Lines - Transmission Division of Eskom, please contact Lungile Motsisi for comments MotsisL@eskom.co.za; 011 800 5734.

The Power Lines are depicted on the attached diagram no. ER_INV_13/2020 as solid green lines (400kV) and solid orange lines (22 kV), traversing over the above stated properties.

KZN Operating Unit Land Development Department 25 Valley View Road New Germany PO Box 66 New Germany 3620 SA Tel +27 31 710 5111 Fax +27 31 710 5146 www.eskom.co.za

Eskom Holdings SOC Ltd Reg No 2002/015527/30

Building Restrictions for a 22-kV Overhead Power Lines

No building or structures may be erected or installed above or below the surface of the ground, neither may any material which might endanger the safety of this power line be place within 12 (twelve) metres from the center line of this power line, on either side (overall servitude width 24 metres), without prior written confirmation from Eskom.

The applicant will adhere to all relevant environmental legislation. Any cost incurred by Eskom as a result of non-compliance will be charged to the applicant. Dimensions and specifics will be in accordance to ESKOM standards so as to not obstruct Eskom's existing infrastructure in any way.

Eskom shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether as a result of the encroachment or of the use of the servitude area by the applicant, his/her agent, contractors, employees, successors in title, and assigns. The applicant indemnifies Eskom against loss, claims or damages including claims pertaining to consequential damages by third parties and whether as a result of damage to or interruption of or interference with Eskom's services or apparatus or otherwise. Eskom will not be held responsible for damage to the applicant's equipment. The applicant's attention is drawn to the Electricity Act, 1987, (Act 41 of 1987, as amended in 1994), Section 27(3), which stipulates that the applicant can be fined and/or imprisoned as a result of damage to Eskom's apparatus.

No mechanical equipment, including mechanical excavators or high lifting machinery, shall be used in the vicinity of Eskom's apparatus and/or services, without prior written permission having been granted by Eskom. If such permission is granted the applicant must give at least seven working days prior notice of the commencement of work. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued.

The clearances between Eskom's live electrical equipment and the proposed construction work shall be observed as stipulated by Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act 85 of 1993. Equipment shall be regarded electrically live and therefore dangerous at all times. Equipment shall be regarded electrically live and therefore dangerous at all times.

Any third party servitudes encroaching on Eskom land shall be registered against Eskom's Notaries deed at the applicant's own cost. If such a servitude is brought into being, its existence should be endorsed on the Eskom servitude deed concerned, while the third party's servitude deed must also include the rights of the affected Eskom servitude.

A developer taking a new supply from Eskom, an increase of supply or line deviation is required to make an application to Eskom via the Eskom toll free number 0860037566. This application will be processed in terms of Eskom's standard customer connection tariffs, conditions and policies at the developers cost

NB. Customers requiring Substation or Powerlines to be installed for their purpose/supply their development must grant all servitudes (a piece of ground on the property to be developed) to Eskom at no cost.

Prior to any construction activity, the applicant is required to contact Eskom and detailed plans are to be submitted to this office.

Yours sincerely

\$÷~

TG Sibiya Lands and Rights Officer

PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT. (DMR...



Sithabile <sithabile@singoconsulting.co.za>

 \leftarrow Reply \ll Reply All \rightarrow Forward \cdots

Mon 2020/01/13 10:10

To 'naidoos@dws.gov.za' Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

Background Information Document.pdf 585 KB

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Sithabilə Kabaira Junior Consultant		Singo Consulting (Pty) Ltd
85c (Hone) (Cand) Environmental Monitoring and Modelling 85c Environmental Management N Dip Mine Geology	 +27 13 692 0041 +27 83 551 4492 +27 86 514 403 	 www.singaconsulting.co.za sithabile@singaconsulting.co.za 09 Langa Crescent, Corridor Hill Crossing First Floor (South Block), Office No. 16, eMalahleni

PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT.

Reply

🖔 Reply All

→ Forward

Tue 2020/01/28 14:40

...



Sithabile <sithabile@singoconsulting.co.za>

- To 'MotsisiL@eskom.co.za'
 - Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

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PROSPECTING RIGHT APPLICATION AND STAKEHOLDER INVITATION TO COMMENT

To 'communications@kzncogta.gov.za'

Cc 'Kenneth, Singo'; 'masindi@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'livhuwani@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

Background Information Document.po 585 KB	df v
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← Reply	Reply All	→ Forward	•••
		Wed 2020/02/0	5 14:58

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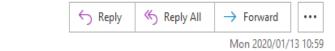
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Kind regards,



LANDOWNER NOTIFICATION. DMR REF: KZN 30/5/1/1/2/ 10930 PR



To 'ken.robinsonfarming@gmail.com'

Sithabile <sithabile@singoconsulting.co.za>

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

I	Background	Information	Document.pdf	~
	585 KB			*

B	Landowner Notification Letter.pdf 258 KB	
PDF	258 KB	~

Good Day

PDF

I hope this email finds you well.

Kindly note that Singo Consulting Pty Ltd on behalf of Royal M Coal (Pty) Ltd , hereby wishes to inform you as landowner that it has submitted a Prospecting Right application together with an Environmental Authorization application to the KwaZulu-Natal Department of Mineral Resources (DMR) for the proposed prospecting for Coal on Portions 1, 3, 4, 5 and 6 of the following Farm Outfall 2414 GT, situated in Endumeni Local Municipality, under the Magisterial District of Dundee, KwaZulu-Natal Province. Please see the attached Landowner Notification Letter and Background Information Document (BID) for detailed description of the proposed project.

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Looking forward to hearing from you soon.

Kind Regards,

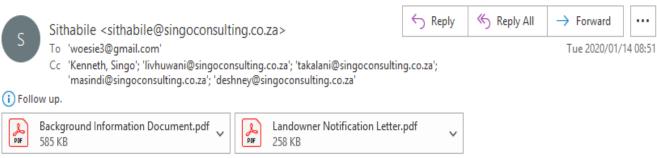
 Sithabile Kabaira Junior Consultant
 Singo Consulting (Pty) Ltd

 Image: Sign Consultant
 Image: Sign Consulting (Pty) Ltd

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 Image: Sign Consultant

LANDOWNER NOTIFICATION. DMR REF: KZN 30/5/1/1/2/ 10930 PR



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Looking forward to hearing from you soon.



LANDOWNER MEETING- OUTFALL 2414 GT

Sithabile <sithabile@singoconsulting.co.za> To 'woesie3@gmail.com' Cc 'masindi@singoconsulting.co.za'

← Reply	≪ Reply All	ightarrow Forward	
		Thu 2020/02/0	6 08:43

Good morning Mr Bruyns,

I hope this email finds you well.

I have been trying to get in touch with you telephonically with no success. We would like to have a formal consultation meeting with you as the Landowner for Portion 3 of the farm Outfall 2414 GT. This meeting is in regard to the Prospecting Right application for coal resources on portions 1, 3, 4, 5 & 6 of the above mentioned farm. Could you please confirm your availability for Tuesday the 11th of February 2020.

Looking forward to hearing from you soon.

Kind Regards,



LANDOWNER NOTIFICATION OF PROSPECTING RIGHT APPLICATION AND INVITATION TO ...

Sithabile <sithabile@singoconsulting.co.za></sithabile@singoconsulting.co.za>	← Reply	K Reply All	ightarrow Forward		
To 'fcbester@telkomsa.net'			Tue 2020/02/	18 09:18	
Cc 'Kenneth, Singo'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting 'takalani@singoconsulting.co.za'; 'livhuwani@singoconsulting.co.za'	g.co.za';				
(i) Follow up.					
Acceptance Letter.pdf	.pdf ~				
Background Information Document ndf					

Good morning Mr F.C Bester.

PDF

585 KB

As per our telephone conversation regarding the prospecting right application on portions 1, 3, 4, 5 and 6 of the farm Outfall 2414 GT situated in the Magisterial District of Endumeni, please find attached the Background Information Document (BID), Landowner Notification Letter and the Acceptance letter as requested.

Kindly note that as the representative of Kompus trust, (Portion 1 and 6 landowners), we will keep you updated on every phase of the application process on behalf of your client.

We look forward to hearing from you soon.

Regards,



APPLICATION FOR A PROSPECTING RIGHT: OUTFALL NO 2141 GT





Dear Sithabile

I would like to refer you to our telephone discussion at 08:51 this morning.

You are hereby informed that I am representing the landowner of Portions 1 and 6 of the farm Outfall.

To advis my client on this matter it will be appreciated if you would forward copies of the following documents:

1 Letter of Acceptance of the application lodged with the Regional Manager,KwaZulu-Natal Region,

2 Copy of Prospecting Work Programme.

I trust that you find the above in order and await your reply.

Kind Regards



RE: APPLICATION FOR A PROSPECTING RIGHT: OUTFALL NO 2414 GT

S	Sithabile <sithabile@singoconsulting.co.za></sithabile@singoconsulting.co.za>
°.	To 'fcbester@telkomsa.net'
	Cc 'mathekhoa@gmail.com'; 'orgburger@gmail.com';

← Reply	≪ Reply All	\rightarrow Forward				
		Tue 2020/02/1				

ioa@gmail.com'; 'orgburger@gmail.com'; 'Kenneth, Singo'; 'masindi@singoconsulting.co.za'

(i) Follow up.

Dear Mr F.C Bester.

I hope this email finds you well.

Could you kindly confirm that you received my email this morning with the following documents attached:

- 1. Acceptance Letter for the project
- 2. Background Information Document (BID)
- 3. Landowner Notification Letter

As requested, I have attached the Prospecting Work Programme for the above mentioned farm. The draft BAR and EMPr will be emailed to you for review as soon as it is available.

Should you require any additional information, please do not hesitate to make a request.

Kind Regards,



RE: APPLICATION FOR A PROSPECTING RIGHT: OUTFALL NO 2414 GT



 \leftarrow Reply \ll Reply All \rightarrow Forward \cdots

← Reply

Reply All

Tue 2020/02/18 11:41

) Follow up. You replied to this message on 2020/02/18 16:02. This message was sent with High importance.

Dear Sithabile

Thanks for your email, I only received a copy of the prospecting work programme.

Regards

FC Bester

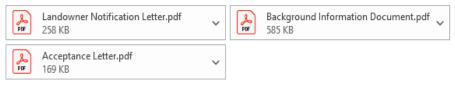
RE: APPLICATION FOR A PROSPECTING RIGHT: OUTFALL NO 2414 GT



Sithabile <sithabile@singoconsulting.co.za> To 'fcbester@telkomsa.net' → Forward ···· Tue 2020/02/18 16:03

i) Follow up.

This message is part of a tracked conversation. Click here to find all related messages or to open the original flagged message.



Good day Mr Bester.

Please find attached:

- 1. Acceptance Letter for the project
- 2. Background Information Document (BID)
- 3. Landowner Notification Letter

Regards,



RE: APPLICATION FOR A PROSPECTING RIGHT: OUTFALL NO 2414 GT

fcbester@telkomsa.net	← Reply	Reply All	ightarrow Forward	•••
To 'Sithabile'			Tue 2020/02/	18 17:32
Follow up. This message was sent with High importance. This message is part of a tracked conversation. Click here to find all related messages or to o	pen the original	flagged message.		
Many thanks for documents.				

Emailing: Org Burger Outfall Objection re prospecting DMR Ref KZN 30/5/1/1/2/10930 PR



fcbester@telkomsa.net To mathekhoa@gmail.com; 'Sithabile'; kenneth@singoconsulting.co.za Cc 'Zama Zulu'; 'Karoon Moodley'

 This message was sent with High importance. We removed extra line breaks from this message.

Org Burger Outfall Objection re prospecting.pdf 131 KB

∽ Reply	Reply All	ightarrow Forward		
		Wed 2020/02/	19	14:54

Dear Mr.Mathekho

We would like to refer you to your application for a prospeting right on the farm Outfall No 2414 GT and attach hereto the objection of the landowner Kompast Trust to the granting of the prospecting right on Portions 1 and 6 of the farm Outfall No 2414 GT.

You will also note that a copy the objections have been forwarded to officials of the Department Mineral Resources and Energy, Durban.

Kind Regards FC Bester



PO 1168 Dundee 3000 082 323 4298 fcbester@telkomsa.net

The Directors The Royal M Coal (Pty) Limited P.O. Box 17133 Witbank 1818

ATTENTION: Mr. Mathekho E-mail: mathekhoa@gmail.com, sithabile@singoconsulting.co.za

Dear Mr. Mathekhoa

APPLICATION FOR A PROSPECTING RIGHT IN TERMS OF SECTION 16 OF THR MINERAL AND PETROLEUM RESOURSES DEVELOPMENT ACT,2002 (ACT 28 OF 2002)(DMR REF: KZN30/5/1/1/2/10930 PR)

- We have to inform you that the registered land owner, Kompas Trust, in respect of Portions 1 and 6 of the farm Outfall No 2414 GT have appointed us to act on their behalf regarding the application for a prospecting right on the said property.
- It can be confirmed that we also obtained a copy of the Acceptance Letter you received from the Regional Manager, Department Mineral Resources, KwaZulu Natal Region dated 19 November J 2019.
- 3. We would like to refer you to paragraph 2.2 of the Acceptance Letter directing the applicant to "consult in the prescribed manner with the landowner, lawful occupier and any interested and affected party including the Land Restitution Commission and include the result of such consultation in the relevant environmental report to be submitted and uploaded on the SAMRAD System on or before 13 January 2020 .The landowner has confirmed that no representative or a a representative of your consultants have at any stage made contact with them.
- 4. The landowner only became aware of the application on 19 January 2020 when they noted the Notice as provided in terms of provisions of the National Environmental Act, 1998 (Act No 107 of 1998) placed on the boundary fence of the properties.

- The landowner confirmed that to date no representative of your company or your consultants met or discussed the provisions of NEMA OR THE MPRDA with them or to obtain their consent for the placement of the prescribed Notice.
- In view of the provisions of Section 10 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), our clients believe that you have failed to consult with them as provided for in the MPRDA.
- 7. Our clients have indicated that you have failed to consult with them prior to 13 January 2020, as mentioned in the Acceptance Letter dated 19 November 2019 and believe that they have the right to object to your application and call for the refusal of you application for a Prospecting Right on the properties mentioned in paragraph 1 above.
- Furthermore we are also of the opinion that you failed to consult with all the other land owners as provided for in Section 10 of the MPRDA.
- Lastly, you are hereby informed that a copy of this letter and the objections mentioned herein will be forwarded to the Regional Manager, Department Mineral Resources KwaZulu Natal Region for their information.

Yours faithfully

Lion.

FC Bester

RE: Emailing: Org Burger Outfall Objection re prospecting DMR Ref KZN 30/5/1/1/2/10...



₽DF

Sithabile <sithabile@singoconsulting.co.za> To 'FC Bester'; 'mathekhoa@gmail.com'; 'kenneth@singoconsulting.co.za' Cc 'Zama Zulu'; 'Karoon Moodley' \leftarrow Reply \ll Reply All \rightarrow Forward \cdots

Thu 2020/02/20 13:04

Dear Mr F.C Bester.

148 KB

Please find attached a letter with reference to your objection to the granting of the Prospecting right on portions 1 and 6 of the farm Outfall 2414 GT.

We hope the above are in order.

Org Burger reply.pdf

Kind Regards,

Sithabile Kabaira

Singo Consulting (Pty) Ltd

- O9 Langa Crescent, Corridor Hill Crossing, First Floor (South Block)
 Office No. 16, eMalahleni
- kenneth@singoconsulting.co.za
- www.singoconsulting.co.za
- +27 13 692 0041
 +27 86 514 4103



PO 1168 Dundee 3000 082 323 4298 fcbester@telkomsa.net

ingo Consulting (Pty) Ltd

ATTENTION: Mr F.C Bester

APPLICATION FOR A PROSPECTING RIGHT IN TERMS OF SECTION 16 OF THE MINERAL AND PETROLEUM RESOURSES DEVELOPMENT ACT,2002 (ACT 28 OF 2002) (DMR REF: KZN30/5/1/1/2/(10930 PR)

The objection letter to the application for a Prospecting Right in respect of Coal resources on **Portions 1, 3, 4, 5 and 6** of the farm **Outfall 2414 GT**, dated 19/02/2020 refers;

Kindly note that:

- 1. The consultant was still in the process of acquiring one of the landowners, Mr Org Burger's contact details as the portions he owns (1 and 6) are registered under Kompas Trust with no further contact details.
- The purpose of the notices placed on the farm boundaries was no notify and draw the attention of all interested and affected parties of the above-mentioned project. These notices served their purpose as they were able to draw the attention of Mr Burger thus enabling the consultant to acquire his contact details.
- 3. Contact details for other landowners were acquired and they have since been contacted via email and telephonically. A consultation meeting has been held with another landowner.
- As stipulated in our Background Information Document (BID), there is a 30 day calendar period for consultation as well as a 30 day review period for the draft BAR and EMPr.

We hope the above are in order.

Yours Sincerely,

Sithabile Kabaira Consultant

CONSULTATION WITH LAND CLAIMANTS OF OUTFALL 2414 GT.

Sithabile <sithabile@singoconsulting.co.za></sithabile@singoconsulting.co.za>	← Reply	🤲 Reply All	ightarrow Forward	••••
To 'skhumbuzo.miya@kzncogta.gov.za'			Mon 2020/02/	17 15:12
i Follow up.				
sithole tribe - oct 2014 mgwaba (1) 128 of 2015.pdf 1 MB LAND CLAIM.pdf 48 KB		~	,	
Background Information Document.pdf 585 KB				

Good day Skhumbuzo.

As per our telephonic conversation, please find attached the Background Information Document and Land Claim documents for the above mentioned farm.

Your assistance is greatly appreciated.

Kind Regards,



LAND RESTITUTION

s

- Sithabile <sithabile@singoconsulting.co.za>
- To 'Lynn.boucher@drdlr.gov.za'

Cc 'Kenneth, Singo'; 'livhuwani@singoconsulting.co.za'; 'takalani@singoconsulting.co.za'; 'masindi@singoconsulting.co.za'; 'deshney@singoconsulting.co.za'

← Reply

Reply All

...

Forward

Sat 2020/01/11 09:39

i Follow up.



Good Morning,

I hope this email finds you well.

You are kindly receiving this email as an enquiry for any possible land claim on portions **1**, **3**, **4**, **5** and **6** of the farm **Outfall 2414 GT** which is situated within the Magisterial District of Dundee under uMzinyathi District Municipality, KwaZulu-Natal Province. DMR Ref: KZN 30/5/1/1/2/10930 PR.

Kindly review attached BID for detailed description of proposed project. This is to ensure that all claimants are properly consulted and are given opportunity to:

- Register as an I&AP and to respond to the environmental compliance process;
- Raise issues of concern and provide suggestions for enhanced benefits;
- Contribute to local knowledge;
- Comment on the Draft Basic Assessment Report (DBAR) & Environmental Management Program (EMP); and

• Inform any other person / organization that they may feel should be informed about the project.

Your comments will be highly appreciated as they will assist us in developing a well-informed BAR and EMPr.

Kind Regards,



RE: LAND RESTITUTION

LYNN BOUCHER <lynn.boucher@drdir.gov.za> To Sithabile Cc 'Kenneth, Singo'; livhuwani@singoconsulting.co.za; takalani@singoconsulting.co.za</lynn.boucher@drdir.gov.za>	S Reply	≪ Reply All	→ Forward Wed 2020/01/2	
i Follow up.				
singo scan 9.pdf 45 KB ~ 261 KB		v		
ndumeni notice of intention to withdraw 2012.pdf v sithole tribe - oct 201 48 KB	l4 mgwaba (2)) 127 of 2015.pdf 🗸		

Ŧ

Good day

Please find attached letter in response to your enquiry.

sithole tribe - oct 2014 mgwaba (1) 128 of 2015.pdf

Regards







OFFICE OF THE REGIONAL LAND CLAIMS COMMISSIONER: KWAZULU-NATAL 139 Langalibalele Street, PIETERMARITZBURG, 3200, Private Bag X 9120, PIETERMARITZBURG, 3200 Tel: (033) 341 2600 | Fax: (033) 342 2881

Your Ref:

Enquiries: Lynn Boucher

Singo Consulting 09 Langa Crescent Corridor Hill Crossing First Floor (South Block) Office No 14 EMALAHLENI 1035

Dear Sir/Madam

REQUEST INFORMATION ON PROPERTY: LAND CLAIM

We acknowledge receipt of your enquiry received on 11 January 2020 and advise that our records indicate that claims for restitution in terms of the provisions of the Restitution of Land Rights Act, 22 of 1994 (as amended) have been lodged in respect of properties described as **Portions 1, 3,4, 5 and 6 of the farm Outfall No. 2414**.

These properties fall under the Ndumeni Community claim and the Sithole Tribe claim respectively. Please find attached the relevant gazette notices for ease of reference.

Regards

MR N. MDLULI MANAGER: INFORMATION AND RECORDS MANAGEMENT DATE: 22 January 2020 Reproduced by Sabinet Online in terms of Government Printer's Copyright Authority No. 10505 dated 02 February 1998

STAATSKOERANT, 14 DESEMBER 2012

No. 35957 77

NOTICE 1030 OF 2012

NOTICE OF INTENTION TO WITHDRAW IN TERMS OF SECTION 11 A (2) OF THE RESTITUTION OF LAND RIGHTS ACT, 1994 (ACT NO. 22 OF 1994)

A Notice of intention to withdraw is hereby given for Notice 5901 of 2007 as published in *Government Gazette* No. 29880 on 18 May 2007 in the Ndumeni Community claim for the purpose of conducting further investigations.

Any party/parties who have an interest in the above-mentioned properties is hereby invited to submit under reference number KRN6/2/2/E/7/0/0/56 within 30 days from the date of publication of this notice, any representations and/ or information which shall assist the Commissioner in proving or disproving this claim.

Should no information and/ or representations from the affected party/ parties be forthcoming within the stipulated period, the affected party/parties shall be *ipso facto* barred from further doing so and the Commission shall continue with the publication of the withdrawal notice.

Any comments and information should be submitted to:

The Regional Land Claims Commissioner: KwaZulu-Natal Private Bag X9120, Pietermaritzburg 3200

Tel: (033) 355 - 8400 Fax: (033) 342 - 3409

Submissions may also be delivered to Second Floor, 200 Church Street, Pietermaritzburg.

LEBJANE MAPHUTHA REGIONAL LAND CLAIMS COMMISSIONER: KWAZULU NATAL DATE: STAATSKOERANT, 18 MEI 2007

No. 29880 41

NOTICE 590 OF 2007

GENERAL NOTICE IN TERMS OF THE RESTITUTION OF LAND RIGHTS ACT, 1994 (ACT NO. 22 OF 1994)

Notice is hereby given in terms of Section 11 (1) of the Restitution of Land Rights Act, 1994 (Act No. 22 of 1994) that a claim for the restitution of land rights on the following properties have been lodged with the Regional Land Claims Commissioner: KwaZulu-Natal and that the Commission on Restitution of Land Rights will further investigate the claim in terms of provisions of the Act in due course:

Property	:	see attached schedule
Extent of property	:	see attached schedule
Magisterial District	:	Dundee
Administrative District:	:	KwaZulu-Natai
Current Title Deed No.	:	see attached schedule
Current Owner	:	see attached schedule
Bonds & Restrictive Conditions (Interdicts)	:	see attached schedule
Claimant	:	Sbongile Mahlaba on behalf of the Ndumeni Community
Date claim lodged	:	12 December 1998
Reference number	:	KRN6/2/2/E/7/0/0/56

Any party/parties who have an interest in the above-mentioned properties is hereby invited to submit, within **30 days** from the date of publication of this notice, any representations and/ or information which shall assist the Commissioner in proving or disproving this claim.

Should no information and/ or representations from the affected party/ parties be forthcoming within the stipulated period, the affected party/parties shall be *ipso facto* barred from further doing so and the Commission shall continue with the subsequent processes towards completion of the investigation.

Any comments and information should be submitted to:

The Regional Land Claims Commissioner: KwaZulu-Natal Private Bag X9120 Pietermaritzburg 3200

Tel: (033) 355 - 8400 Fax: (033) 342 - 3409

Submissions may also be delivered to Second Floor, African Life Building, 200 Church Street, Pietermantzburg.

MS. S. SOSIBO REGIONAL LAND CLAIMS COMMISSIONER: KWAZULU NATAL

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
1	Remainder of Portion 1 of the farm Kleine Waterval No. 1152	404, 8621 ha	T31715/2005	Boschoek Community-Trust-Trustees	None
2	Portion 23 of the farm Kleine Waterval No. 1152	1018, 4340 ha	T43065/2005	Abraham Adriaan Botes	B47965/2005
3	Remainder of the farm Lot 12 Kuick Viei No. 12099	116, 1564 ha	T18468/1986	Hendrik Johannes Lodewyk Annandale	None
4	Portion 1 of the farm Lot 12 Kuick Vlei No. 12099	116, 1658 ha	T8709/1961	Dawid Mare Labuschagne	VA501/1985-8709/961T VA594/1994
5	Remainder of Portion 2 of the farm Blinkwater No. 1150	212, 0428 ha	T36740/1996	Jan Andries Labuschagne	B38940/1996 B42401/2002 B6679/2000
6	Portion 3 of the farm Blinkwater No. 1150	201, 9342 ha	T16726/1976	Dawid Mare Labuschagne	I-893/1977LG
7	Portion 4 of the farm Blinkwater No. 1150	313, 3370 ha	T13286/1974	Dawid Mare Labuschagne	I-893/1977LG
8	Portion 5 of the farm Blinkwater No. 1150	460, 9424 ha	T16726/1976	Dawid Mare Labuschagne	I-893/1977LG 566/1982s
9	Portion 6 of the farm Blinkwater No. 1150	121, 4058 ha	T8743/1991	Dawid Mare Labuschagne and Aletta Magdalena Adriana Labuschagne	B10983/1991
10	Remainder of Portion 7 of the farm Blinkwater No. 1150	121, 4058 ha	T8743/1991	Dawid Mare Labuschagne and Aletta Magdalena Adriana Labuschagne	B10983/1991
11	Portion 8 of the farm Blinkwater No. 1150	57, 6871 ha	T8743/1991	Dawid Mare Labuschagne and Aletta Magdalena Adriana Labuschagne	B10983/1991
12	Portion 9 of the farm Blinkwater No. 1150	0, 4047 ha	T9354/1918	Gertruida Meyer Cornelius Janse Uys Dirk Cornelius Uys Jacobus Johannes Uys Petrus Lafras Uys	1-893/1977LG
13	Remainder of Portion 4 of the farm Bergvliet No. 1075	324, 1474 ha	T33342/1994	Stillerust Trust-Trustees	B26289/2001 B44107/2004
14	Portion 5 of the farm Bergvliet No. 1075	344, 4763 ha	T33342/1994	Stillerust Trust-Trustees	None
15	Portion 6 of the farm Bergvliet No. 1075	344, 4039 ha	T6072/1992	John Barry Rhys Jones	B17177/1998 B36974/1993
16	Portion 7 of the farm Bergvliet No. 1075	344, 4606 ha	T2471/2002	Gadizitha Zulu	B1767/2002
17	Remainder of Portion 1 of the farm Klip Fontein No. 1155	691, 6159 ha	T207/2000	Insepe Trust-Trustees	None

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
18	Remainder of Portion 3 of the farm Klip Fontein No. 1155	202, 3430 ha	T21041/1991	Magdalena Petronella Fourie	None
19	Portion 5 of the farm Klip Fontein No. 1155	286, 9299 ha	T31064/1990	Adam Johannes Potgieter	None
20	Portion 9 of the farm Klip Fontein No. 1155	404, 8251 ha	T22011/2001	Sondoda Communal Property Association	None
21	Portion 10 of the farm Klip Fontein No. 1155	202, 3430 ha	T536/1997 T61453/1999 T61453/1999 T61453/1999 T61453/1999 T7542/1964	Kamalawathi Ragubeer Rabindranath Ramdiyal Ragubeer Madanlal Ramdiyal Ragubeer Rajendrapersadh Ramdiyal Ragubeer Ramchand	None
22	Portion 11 of the farm Klip Fontein No. 1155			Not Registered	
23	Remainder of the farm Boschfontein No. 3307	386, 8774 ha	T6808/1984	Arthur Graham Mckenzie	EX204/1986-6/6/86- 6808/984T K1008/2005L K1287/1986s K1334/1983s
24	Portion 3 of the farm Boschfontein No. 3307	202, 3430 ha	T49889/2003	Nkuluza Elliot Hadebe and Fakazile Euginiah Magubane	B29647/2003 K1008/2005L K1290/1986s K32/1984s
25	Portion 21 of the farm Boschfontein No. 3307	205, 5833 ha	T49159/2000	Arthur Graham Mckenzie	K1008/2005L K1299/1986s K43/1984s K827/1969s
26	Remainder of the farm Hartebeest Fontein No. 2152	20, 9956 ha	T601/1998 T601/1998 T6076/1979	Devparsad Ramlagan Byroo Rajpathie Byroo Devparsad Ramlagan Byroo	VA49/1998
27	Portion 3 of the farm Hartebeest Fontein No. 2152	32, 3749 ha	T603/1957	Balbaddar Besessar Devising Sooraj Narain Soogiya Subhala	I-470/1978LG
28	Portion 4 of the farm Hartebeest Fontein No. 2152			Not Registered	
29	Portion 5 of the farm Hartebeest Fontein No. 2152	8,0937 ha	T3294/1969	Pale	1-470/1978LG

SCHEDULE

No. 29880 43

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
30	Portion 6 of the farm Hartebeest Fontein No. 2152	8, 0937 ha	T3294/1969	Pale	I-470/1978LG
31	Portion 8 of the farm Hartebeest Fontein No. 2152	14, 2919 ha	T31336/1991	Gadizitha Zulu	B1767/2002
32	Portion 9 of the farm Hartebeest Fontein No. 2152	0, 8094 ha	T33549/1998	Sewchander Ramdheen and Bhagwanti Ramdheen	None
33	Portion10 of the farm Hartebeest Fontein No. 2152	445, 7725 ha	T21214/2005	Mageba Farming cc	B23584/2005
34	Portion 11 of the farm Hartebeest Fontein No. 2152	242, 8116 ha	T36876/22005	Sanjay Pramlal Rajkumar and Geeta Parshotam Rajkumar	None
35	Remainder of the farm Biggarsgat No. 12753	1107, 8455 ha	T18897/2003	River Ranch Landgoed (Edms) Bpk	B10812/2003 K1008/2005L K454/1993RM
36	Remainder of Portion 1 of the farm Biggarsgat No. 12753	818, 3972 ha	T10813/1993	Carel Antonie Froneman	B15532/1993 K1232/1992s K208/2001RM
37	Portion 3 of the farm Biggarsgat No. 12753	401, 2232 ha	T37433/1997	Labuschagne Familie Trust-Trustees	B32683/1997 B369/2001
38	Remainder of Portion 3 of the farm Kuick Vlei Settlement No. 12751	395, 8881 ha	T28364/1987	Dawid Mare Labuschagne and Aletta Magdalena Adriana S. Labuschagne	B35964/1987 T94/1938RM 135/1982s
39	Portion 4 of the farm Kuick Vlei Settlement No. 12751	181, 4048 ha	T16726/1976	Dawid Mare Labuschagne	T6082/1939RM
40	Portion 5 of the farm Kuick Viei Settlement No. 12751	0, 8094 ha	T18719/1967	South African Baptist Missionary Society	I-3786/1982LG
41	Portion 8 of the farm Kuick Viei Settlement No. 12751	247, 0386 ha	T481/1970	Dawid Mare Labuschagne	B369/1970 T6082/1939RM
42	Portion 9 of the farm Kuick Vlei Settlement No. 12751	382, 0461 ha	T8709/1961	Dawid Mare Labuschagne	VA501/1985-8709/961T VA594/1994
43	Remainder of Portion 22 of the farm Kuick Viei Settlement No. 12751	261, 4629 ha	T18014/1989	Margarete Dorothea Erika Gunther	K803/1988s
44	Portion 24 of the farm Kuick Vlei Settlement No. 12751	397, 7001 ha	T4941/1986	Jan Andries Labuschagne	B4130/2001 B6679/2000 138/1981RM
45	Portion 26 of the farm Kuick Vlei Settlement No. 12751	189, 0617 ha	T8937/2002	Wynand Johannes Smartryk Lombard	B35207/2002
46	Remainder of Portion 28 of the farm Kuick Viei Settlement No. 12751	230, 3033 ha	T31456/1994	Sharp Sharp Fresh Foods cc	None

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
47	Portion 29 of the farm Kuick Vlei Settlement No. 12751	206, 4735 ha	T4941/1986	Jan Andries Labuschagne	B4130/2001 B6381/1986 B6679/2000
48	Remainder of the farm Paddafontein No. 3214	85, 3534 ha	T31685/1997	Kompas Trust-Trustees	K1299/1989RM K146/1999RM
49	Portion 1 of the farm Paddafontein No. 3214	23, 5249 ha	T31685/1997	Kompas Trust-Trustees	K1357/1986s
50	Remainder of Portion 2 of the farm Paddalontein No. 3214	267, 3785 ha	T6183/1984	Kenneth John Leon Robinson	B12711/1999
51	Remainder of Portion 4 of the farm Paddafontein No. 3214	96, 3153 ha	T31685/1997	Kompas Trust-Trustees	K1299/1989RM K146/1999RM
52	Portion 5 of the farm Paddafontein No. 3214	44, 2869 ha	T31685/1997	Kompas Trust-Trustees	K1299/1989RM K146/1999RM
53	Portion 6 of the farm Paddafontein No. 3214	37, 1296 ha	T31685/1997	Kompas Trust-Trustees	K1357/1986s
54	Remainder of Portion 2 of the farm Paarde Berg No. 1068	434, 1472 ha	T29947/1988	Cornelis Johannes du Plessis	B10716/2003 B549/1993
55	Remainder of Portion 3 of the farm Paarde Berg No. 1068	251, 7324 ha	T36715/1996	Johannes Hermanus Scheepers	None
56	Portion 4 of the farm Paarde Berg No. 1068	3, 9833 ha	T5872/1964	Alma Ria du Plessis	I-4520/1973SG
57	Portion 5 of the farm Paarde Berg No. 1068	162, 5303 ha	T5872/1964	Alma Ria du Plessis	I-4520/1976SG
58	Portion 8 of the farm Paarde Berg No. 1068	139, 2692 ha	T5545/1965	Jan Gabriel du Plessis	K640/1983RM VA1156/1995
59	Portion 9 of the farm Paarde Berg No. 1068	139, 2403 ha	T5545/1965	Jan Gabriel du Plessis	K640/1983RM VA1156/1995
60	Portion 10 of the farm Paarde Berg No. 1068	139, 2924 ha	T5872/1964	Alma Ria du Plessis	I-4520/1976SG
61	Portion 12 of the farm Paarde Berg No. 1068	292, 1736 ha	T25823/2004	Erenst Pieter de Bruyn and Linda de Bruyn	B22076/2004
62	Remainder of Portion 13 of the farm Paarde Berg No. 1068	160, 2360 ha	T16463/1964	Jan Gabriel du Plessis	VA1156/1995
63	Portion 14 of the farm Paarde Berg No. 1068	105, 6508 ha	T15333/1983	Frans Johannes Wessels	None
64	Portion 15 of the farm Paarde Berg No. 1068	307, 9938 ha	T22017/1995	Kenneth John Leon Robinson	K156/2001RM K642/1987RM
65	Portion 16 of the farm Paarde Berg No. 1068	307, 9938 ha	T15333/1983	Frans Johannes Wessels	None
66	Portion 17 of the farm Paarde Berg No. 1068	40, 6153 ha	T6183/1984	Kenneth John Leon Robinson	B12711/1999
67	Portion 18 of Portion 2 of the farm Paarde Berg No. 1068	110, 1359 ha	T12367/2006	Zimisele of Paarde Berg Communal Property Association	None
68	Portion 19 of Portion 13 of the farm Paarde Berg No. 1068	128, 7713 ha	T62525/2005	Zimisele of Paarde Berg Communal	None

GOVERNMENT GAZETTE, 18 MAY 2007

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
				Property Association	
69	Remainder of the farm Dumain No. 3323	68, 3430 ha	T48475/2004	Matshosi Farming cc	B41815/2004 K3106/2003RM K609/1993s
70	Remainder of Portion 5 of the farm Dumain No. 3323	95, 9520 ha	T48475/2004	Matshosi Farming cc	B41815/2004 K3106/2003RM
71	Remainder of Portion 6 of the farm Dumain No. 3323	38, 6941 ha	T48475/2004	Matshosi Farming cc	B41815/2004
72	Portion 7 of the farm Dumain No. 3323	205, 0290 ha	T48475/2004	Matshosi Farming cc	B41815/2004 K3106/2003RM
73	Portion 19 of the farm Dumain No. 3323	109, 0771 ha	T48380/1999	Lethukuthula Communal Property Association	None
74	Portion 20 of the farm Dumain No. 3323	166, 3350 ha	T48380/1999	Lethukuthula Communal Property Association	K1390/1986s K33/1984s
75	Portion 23 of the farm Dumain No. 3323	68, 3430 ha	T27722/1998	Zanele Eulia Khumalo and Bheki Almon Khumalo	None
76	Portion 24 of the farm Dumain No. 3323	68, 3430 ha	T48475/2004	Matshosi Farming cc	B41815/2004 K3106/2003RM
77	Portion 29 of the farm Dumain No. 3323	386, 0353 ha	T14843/2004	Senzangakhona Communal Property Association	K1145/2004RM
78	Remainder of the farm Kempenfeldt No. 3541	101, 1705 ha	T62242/2004	Kompas Trust-Trustees	B54504/2004
79	Portion 1 of the farm Kempenfeldt No. 3541	242, 8116 ha	T31685/1997	Kompas Trust-Trustees	None
80	Portion 2 of the farm Kempenfeldt No. 3541	62, 3098 ha	T31685/1997	Kompas Trust-Trustees	None
81	Portion 3 of the farm Kempenfeldt No. 3541	142, 1183 ha	T35521/2005	Adriaan Mynhardt Sadie	None
82	Remainder of the farm Langverwacht No. 13301	158, 5509 ha	T30183/2003	Andre Spies Trust-Trustees	B10799/1994 B16572/2003
83	Portion 1 of the farm Langverwacht No. 13301	505, 8575 ha	T30183/2003	Andre Spies Trust-Trustees	B16572/2003 K394/1983PC K722/1984PC 1455/1982s 510/1982s
84	Portion 2 of the farm Langverwacht No. 13301	505, 8575 ha	T30183/2003	Andre Spies Trust-Trustees	B16572/2003 K394/1983PC K722/1984PC

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
					1455/1982s 510/1982s 511/1982s
85	Remainder of the farm Mauchline No. 2396	287, 6306 ha	T36130/1993	Kenneth John Leon Robinson	B12711/1999
86	Portion 1 of the farm Mauchline No. 2396	404, 6860 ha	T16441/1979	Kenneth John Leon Robinson	B12711/1999
87	Portion 2 of the farm Mauchline No. 2396	0, 4047 ha	T2363/1922	Ned Ger Kerk-Dundee	None
88	Portion 3 of the farm Mauchline No. 2396	505, 8575 ha	T36715/1996	Johannes Hermanus Scheepers	None
89	Portion 1 of the farm Outfall No. 2414	317, 6785 ha	T62243/2004	Kompas Trust-Trustees	B54504/2004
90	Portion 3 of the farm Outfall No. 2414	7, 5118 ha	T22273/1998	Raymond Eric Mack and Dawn Lea Mack	B19352/1998
91	Portion 4 of the farm Outfall No. 2414	292, 8245 ha	T21801/1985	Kenneth John Leon Robinson	B12711/1999
92	Portion 5 of the farm Outfall No. 2414	178, 5214 ha	T21801/1985	Kenneth John Leon Robinson	B12711/1999
93	Portion 6 of the farm Outfall No. 2414	209, 0010 ha	T62243/2004	Kompas Trust-Trustees	B54504/2004
94	Remainder of the farm Up and Down No. 4962	366, 9641 ha	T15080/1975	Clive Bartle Buntting	B14286/1975 B29459/1983
95	Portion 1 of the farm Up and Down No. 4962	21, 4736 ha	T33342/1994	Stillerust Trust-Trustees	K1008/2005L K1233/1992s
96	Portion 2 of the farm Up and Down No. 4962	345, 4905 ha	T33342/1994	Stillerust Trust-Trustees	B26289/2001 B44107/2004
97	Remainder of the farm Omdraai No. 4981	232, 9094 ha	T601/1998 T601/1998 T6077/1979	Devparsad Ramlagan Byroo Rajpathee Byroo Devparsad Ramlagan Byroo	VA49/1998
98	Portion 1 of the farm Omdraai No. 4981	138, 5872 ha	T2070/1982	Regional & Land Affairs	I-4299/1977LG
99	Remainder of Portion 2 of the farm Omdraai No. 4981	106, 9973 ha	T25458/2005	Coenraad Josephus Viljoen	None
100	Portion 4 of the farm Omdraai No. 4981	22, 2468 ha	T12417/1966	Deochand Dharma Prakash Premchand Rabichand	I-4299/1977LG
101	Remainder of the farm Beith No. 2401	739, 8469 ha	T31332/1992	Albertus de Beer van Zyl	I-2222/1991I-1/4/2-21/3/ 1991 I-2225/1991AT-LA/206/ 00270-1814/1986T I-2771/2002LG

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
					I-9332/1991I-67-206-00270- 1814/1986T B45182/1992 793/1982s
102	Portion 2 of the farm Beith No. 2401	70, 1093 ha	T35520/2005	Catherine Thembekile Zwane	None
103	Portion 3 of the farm Beith No. 2401	10, 8278 ha	T22272/1998	Raymond Eric Mack and Dawn Lea Mack	B19352/1998
104	Portion 1 of the farm The Aloes No. 14309	0, 8818 ha	T18460/2000	Malcolm Eric Rachmann and Celeste Rachmann	B10930/2000
105	Portion 3 of the farm The Aloes No. 14309	14, 6401 ha	T41148/2002	Real Time Inv 34 cc	None
106	Portion 4 of the farm The Aloes No. 14309	34, 8225 ha	T47955/2004	Hermanus Walter Victor	1-5380/2003LG
107	Remainder of Portion 8 of the farm The Aloes No. 14309	412, 7748 ha	T18792/1997	Hans Jurie Potgieter	I-5380/2003LG
108	Portion 4 of the farm White Bank No. 2251	194, 4790 ha	T26226/2005	Tangeni Voerkraal (Pty) Ltd	K1034/1996s K4238/2002s K55/1999s K829/1971s
109	Portion 7 of the farm White Bank No. 2251	40, 4686 ha	T33597/2005	Michael Nicolaas Smith Walters	None
110	Remainder of the farm Alston No. 10373	417, 7751 ha	T5545/1965	Jan Gabriel de Plessis	K640/1983RM VA1156/1995
111	Portion 1 of the farm Alston No. 10373	39, 1101 ha	T8202/1964	Rina Naude	None
112	Remainder of the farm Lot T No. 5137	189, 5491 ha	T5545/1965	Jan Gabriel du Plessis	None
113	Portion 3 of the farm Lot T No. 5137	139, 2684 ha	T5545/1965	Jan Gabriel du Plessis	1-383/1979LG
114	Portion 1 of the farm Youngerhill No. 3540	35, 0053 ha	T31685/1997	Kompas Trust-Trustees	K1357/1986s
115	Remainder of Portion 2 of the farm Youngerhill No. 3540	98, 2267 ha	T31685/1997	Kompas Trust-Trustees	None
116	Portion 3 of the farm Youngerhill No. 3540	69, 1109 ha	T31685/1997	Kompas Trust-Trustees	None
117	Remainder of Portion 1 of the farm Goede Keus No. 1066	465, 4460 ha	T52678/2000	Jannie Potgieter Trust-Trustees	B31379/2000 B3491/2002 B42660/2003 B5719/2005
118	Portion 3 of the farm Goede Keus No. 1066	2, 0234 ha	T9817/1965	Regional & Land Affairs	I-102/1977LG
119	Portion 4 of the farm Goede Keus No. 1066	404, 6860 ha	T35671/1994	James Gregory Naude	none
120	Remainder of Portion 5 of the farm Goede Keus No. 1066	182, 0010 ha	T1481/1980	Hussain Sha	None
121	Portion 6 of the farm Goede Keus No. 1066	467, 3234 ha	T1688/1968	Alma Ria du Plessis	I-102/1977LG

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
122	Portion 7 of the farm Goede Keus No. 1066	467, 3234 ha	T1688/1968	Alma Ria du Plessis	1-102/1977LG
123	Portion 8 of the farm Goede Keus No. 1066	700, 0348 ha	T5872/1964	Alma Ria du Plessis	1-102/1977LG
124	Portion 9 of the farm Goede Keus No. 1066	2, 0234 ha	T19631/1991	Gadizitha Zulu	B1767/20002
125	Portion 11 of the farm Goede Keus No. 1066	1015, 7047 ha	T52678/2000	Jannie Potgieter Trust-Trustees	B31379/2000 B3491/2002 B42660/2003 B5719/2005 K1091/1990s
126	Portion 12 of the farm Goede Keus No. 1066			Not Registered	And The Bernstein States and a second
127	Portion 13 of the farm Goede Keus No. 1066			Not Registered	
128	Portion 14 of the farm Goede Keus No. 1066			Not Registered	
129	Remainder of the farm Lot 1 No. 2948	609, 1157 ha	T8202/1964	Rina Naude	None
130	Portion 1 of the farm Lot 1 No. 2948	254, 4842 ha	T62524/2005	Zimisele of Mooikeus Communal Property Association	None
131	Remainder of the farm Draaihoek No. 16950	741, 3056 ha	T54441/2003	Dirk Cornelis Wessels	None
132	Portion 1 of the farm Draaihoek No. 16950	501, 9489 ha	T62520/2005	Thandanani Communal Property Association	None
133	Remainder of the farm Swartwater No. 15417	815, 2606 ha	T15333/1983	Frans Johannes Wessels	None
134	Portion 1 of the farm Maxwilton No. 3624	56, 3703 ha	T36715/1996	Johannes Hermanus Scheepers	None
135	The farm Klip Hoek No. 4232	84, 5869 ha	T39549/2002	Phillippus Rudolf Viljoen and Beulah Viljoen	B20536/2003
136	The farm George II A No. 5750	126, 2923 ha	T15080/1975	Clive Bartle Buntting	I-6083/1987LG B14286/1975 B29459/1983
137	Portion 1 of the farm George I B No. 5066	76, 2024 ha	T15080/1975	Clive Bartle Buntting	I-4665/1982LG B14286/1975 B26456/1983
138	The farm George I A No. 5749	108, 5570 ha	T15080/1975	Clive Bartle Buntting	I-6083/1987LG B14286/1975 B29459/1983
139	The farm Zuurfontein No. 4980	389, 2003 ha	T62242/2004	Kompas Trust-Trustees	B54504/2004
140	The farm Daas Krantz No. 5311	455, 4918 ha	T18780/1997	Kenneth John Leon Robinson	B12711/1999

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
					500/1982s
141	Remainder of the farm Stratford No. 2367	854, 9892 ha	T29217/2003	Zisizeni Sithole Property Association	K77/1993s K3691/2002s K56/1999s T17781/1979
142	The farm Klip Kop No. 5323	204, 8469 ha	T29217/2003	Zisizeni Sithole Property Association	None
143	The farm Daas Kop No. 8320	69, 1936 ha	T48475/2004	Matshosi Farming cc	B41815/2004
144	The farm Meadowbank No. 4130	381, 2142 ha	T14265/1979	Clive Bartle Buntting	K1291/1986s K57/1984s
145	Remainder of the farm Patat No. 16229	213, 969 ha	T20190/1999	Tangeni Voerkraal (Edms) Bpk	B14716/1997 B8398/2003 K1179/1992s K289/1999s
146	The farm Tangeni No. 17706	144, 9558 ha	T43635/2004	Tangeni Voerkraal (Edmn) Bpk	B8398/2003 B9080/1999
147	The farm Klip Rots No. 5324	801, 2251 ha	T29983/1996	Gert Ehlers Trust-Trustees	B20086/2001 B32231/1996 K67/1984s K855/1987s
148	The arm Helena No. 3479	406, 3047 ha	T29983/1996	Gert Ehlers Trust-Trustees	B20086/2001 B32231/1996 K67/1984s K855/1987s
149	A portion of the consolidated Portion 9 of the farm Bonny Doone No. 13065, known before consolidation as Portion 7 of the farm Bonny Doone No. 13065	11, 9480 ha	T43633/2004	H J G Boerdery Bk	None
150	Portion 8 of the farm Bonny Doone No. 13065	599, 8888 ha	T43632/2004	Gert Ehlers Trust-Trustees	B20086/2001 B32231/1996 B49622/2006
151	Portion 9 of the farm Bonny Doone No. 13065	276, 9132 ha	T43633/2004	H J G Boerdery Bk	1-5029/2003LG
152	Portion 9 of the farm Kilburnie No. 2390	282, 2153 ha	T22273/1998	Raymond Eric Mack and Dawn Lea Mack	B19352/1998
153	The farm Stratherne No. 4134	756, 3581 ha	T12789/1964	Clive Bartle Buntling	B35747/2000
154	The farm Ongeluk No. 8448	110, 9194 ha	T14265/1979	Clive Bartle Buntting	None

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
155	The farm Stille Rust No. 16980	687, 8465 ha	T33103/1998	Stillerust Trust-Trustees	None
156	Portion 1 of the farm The Peak No. 7554	200, 3701 ha	T33342/1994	Stillerust Trust-Trustees	B26289/2001 B44007/2004
157	The farm Uitsig No. 16857	197, 0760 ha	T33733/1996	Stillerust Trust-Trustees	None
158	Remainder of the farm Lot 9 No. 8779	131, 8897 ha	T18871/1989	Petrus Arnoldus Gunther	K1390/1986s K33/1984s
159	Remainder of the farm Elim No. 16738	899, 2600 ha	T59857/1999	Abraham Adriaan Botes	B27967/1999
160	The farm Twee Koppies No. 16739	379, 7880 ha	T40753/1995 T29405/2000	Stephanus Francois Muller	B20283/1996
161	Portion 4 of the farm Krantz Kop No. 1065	302, 9592 ha	T18780/1997	Kenneth John Leon Robinson	B12711/1999 494/1982s
162	Portion 5 of the farm Krantz Kop No. 1065	1, 8765 ha	T28050/2003 T29783/1989	Tshepang Funeral Undertaker cc Bashira Bibi Khan	None
163	Remainder of Portion 6 of the farm Krantz Kop No. 1065	514, 1156 ha	T1583/1988	Dirk Cornelis Wessels	K827/1990RM VA1852/1995 VA3130/2003
164	Remainder of Portion 7 of the farm Krantz Kop No. 1065	424, 5915 ha	T2664/1974	Jan Gabriel du Plessis	VA4108/2005
165	Portion 8 of the farm Krantz Kop No. 1065	168, 2279 ha	T62521/2005	Zimisele Dingledale Communal Property Association	VA4108/2005
166	Portion 9 of the farm Krantz Kop No. 1065	467, 3465 ha	T2664/1974	Jan Gabriel du Plessis	VA4108/2005
167	Remainder of Portion 10 of the farm Krantz Kop No. 1065	344, 1247 ha	T2664/1974	Jan Gabriel de Plessis	VA4108/2005
168	Portion 11 of the farm Krantz Kop No. 1065	4, 7879 ha	T2664/1974	Jan Gabriel du Plessis	VA4108/2005
169	Portion 12 of the farm Krantz Kop No. 1065			Not Registered	
170	Portion 13 of Portion 6 of the farm Krantz Kop No. 1065	8, 1809 ha	T62520/2005	Thandanani Communal Property Association	None
171	Portion 1 of the farm Bombay No. 14697	38, 4897 ha	T12417/1966	Deochand, Dharma Prakash, Premchand and Rabichand	None
172	Portion 9 of the farm Bombay No. 14697			Not Registered	
173	A portion of the consolidated Portion 3 of the farm Verdruk No. 2080, known before consolidation as the Remainder of the farm Verdruk No. 2080	800 dum (m Not Registered		K1259/1995s VA823/1989-24111/198T
174	The farm North Hoek No. 4236	47, 3862 ha	T15080/1975	Clive Bartle Buntting	B14286/1975 B29459/1983

STAATSKOERANT, 18 MEI 2007

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20 No. 38467 GOVERNMENT GAZETTE, 13 FEBRUARY 2015

No. 128

13 February 2015

GENERAL NOTICE IN TERMS OF THE RESTITUTION OF LAND RIGHTS ACT, 1994 (ACT NO. 22 OF 1994)

Notice is hereby given in terms of Section 11 (1) of the Restitution of Land Rights Act, 1994 (Act No. 22 of 1994) that a claim for the restitution of land rights on the following properties have been lodged with the Regional Land Claims Commissioner: KwaZulu-Natal and that the Commission on Restitution of Land Rights will further investigate the claim in terms of provisions of the Act in due course:

Property	:	see attached schedule
Extent of property	:	see attached schedule
Magisterial District	:	Dundee
Administrative District:	:	KwaZulu-Natal
Current Title Deed No.	:	see attached schedule
Current Owner	:	see attached schedule
Bonds & Restrictive Conditions (Interdicts)	:	see attached schedule
Claimant	:	Inkosi Nsikayezwe Winston Sithole on behalf of the Sithole Tribe
Date claim lodged	:	22 December 1998
Reference number	:	KRN6/2/2/E/7/0/0/2

Any party/parties who have an interest in the above-mentioned properties is hereby invited to submit, within 30 days from the date of publication of this notice, any representations and/ or information which shall assist the Commissioner in proving or disproving this claim.

Should no information and/ or representations from the affected party/ parties be forthcoming within the stipulated period, the affected party/parties shall be *ipso facto* barred from further doing so and the Commission shall continue with the subsequent processes towards completion of the investigation.

Any comments and information should be submitted to:

The Regional Land Claims Commissioner: KwaZulu-Natal Private Bag X9120 Pietermaritzburg 3200

Tel: (033) 355 - 8400 Fax: (033) 342 - 3409

Submissions may also be delivered to Second Floor, African Life Building, 200 Church Street, Pietermaritzburg.

LEBJANE MAPHUTHA REGIONAL LAND CLAIMS COMMISSIONER: KWAZULU NATAL DATE:

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
1	The farm B of Roode Rand No. 64543	323, 7488 ha	T15494/1977	Hendrik Isak Meyer Bruyns	None
2	The farm Zuurfontein No. 4980	389, 2003 ha	T62242/2004	Kompas Trust-Trustees	B54504/2004
3	The farm Klip Hoek No. 4232	84, 5869 ha	T27191/2006	Adrean Johannes Nel	B16072/2012 B161969/2014 B33977/2008 B34480/2006 B55385/2007
4	The farm Kirkland No. 4124	40, 4686 ha	T27592/2003	Michael Thornley Gardner	None
5	The farm Linde No. 4733	129, 4995 ha	T5096/1942	Maria Elizabeth Wilhelmina Vermaak	None
6	The farm Rooifontein No. 5270	404, 6860 ha	T26955/1999	Frans Johannes Meyer	None
7	The farm Isibindi B No. 5272	489, 3311 ha	T27592/2003	Michael Thornley Gardner	None
8	The farm Sigtuna A No. 5561	364, 5436 ha	T16809/2001	Chantel Joyce Carter	K872/2001S VA1040/2005 VA4532/2008
9	The farm Sigtuna B No. 5562	242, 8116 ha	T55135/2008	Shayamoya Land Trust-Trustees	K872/2001s VA4532/2008
10	The farm Lot AB Isibindi No. 8067	128, 6825 ha	T55135/2008	Shayamoya Land Trust-Trustees	K872/2001s VA4532/2008
11	Remainder of the farm Schulhoek No. 5111	170, 4805 ha	T26162/1996	Kranzkop Trust-Trustees	None
12	Remainder of the farm Stockholm No. 5642	591, 1742 ha	T667/1998	Kompas Trust-Trustees	B54504/2004
13	The farm Slaaf No. 6594	334, 3995 ha	T26162/1996	Kranzkop Trust-Trustees	None
14	The farm Lot B of Sheplegh No. 7296	77, 5074 ha	T55284/2003	Paul Kingsley Lamberth	B32268/2003 B46717/2004
15	The farm Lowlevel No. 5089	81, 3950 ha	Tt6118/2001	Hermanus Jurie de Wet and Elizabeth Maria de Wet	B3821/2012
16	The farm Elsinor No. 5135	206, 6585 ha	T1335/1996	Hermanus Jurie de Wet and Elizabeth Maria de Wet	B2024/1999 B20916/2010 B21342/1997

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
17	The farm Sofiero No. 4577	60, 7029 ha	T9436/1989	Hermanus Jurie de Wet and Elizabeth Maria de Wet	B2024/1999 B20916/2010 B21342/1997 VA1194/1997 VA202/1999
18	The farm Garnet No. 5180	181, 2114 ha	T36702/1994	Hannie le Roux Trust-Trustees	None
19	Portion 1 of the farm Rooifontein No. 13483	202, 3398 ha	T43672/2007	Patrick Mabaso	None
20	Remainder of the farm Sheplegh B No.5281	121, 6112 ha	T3289/1992	Frans Johanned Meyer	None
21	Portion 1 of the farm Sheplegh B No.5281	58, 4721 ha	T55284/2003	Paul Kingsley Lamberth	B32268/2003
22	Portion 2 of the farm Sheplegh B No.5281	168, 6650 ha	T55284/2003	Paul Kingsley Lamberth	B32268/2003 B46717/2004
23	Remainder of the farm Knostrope No. 3316	366, 1070 ha	T3289/1992	Frans Johannes Meyer	None
24	Remainder of Portion 1 of the farm Knostrope No. 3316	530, 7304 ha	T8295/1979	Frans Johannes Meyer	I-226/1982LG
25	Remainder of Portion 2 of the farm Knostrope No. 3316	188, 9885 ha	T36702/1994	Hannie le Roux Trust-Trustees	None
26	Portion 3 of the farm Knostrope No. 3316	227, 5296 ha	T8295/1979		I-226/1982LG
27	Portion 4 of the farm Knostrope No. 3316	215, 7254 ha	T3289/1992	Frans Johannes Meyer	None
28	Portion 5 of the farm Knostrope No. 3316	90, 9049 ha	T36702/1994	Hannie le Roux Trust-Trustees	None
29	Remainder of the farm Kliprots No. 15625	320, 2733 ha	T21992/1997	Hermanus Jurie de Wet and Elizabeth Maria de Wet	B2024/1999 B20916/2010
30	Portion 1 of the farm Kliprots No. 15625	142, 1905 ha	T4186/1982	Jacoba Petronella de Wet	I-2516/1983LG
31	Remainder of the farm Mandhleni No. 5248	322, 7751 ha	T9003/2008	OH331 Eiendomme Edms Bpk	None
32	Portion 1 of the farm Mandhleni No, 5248	87, 0075 ha	T11784/2002	Belheim Eiendomme Bpk	None
33	Portion 2 of the farm Mandhleni No. 5248	161, 8744 ha	T4224/1999	Elizabeth Maria de Wet and Hermanus Jurie de Wet	B2024/1999 B20916/2010
34	Portion 3 of the farm Mandhleni No. 5248	210, 4723 ha	T24461/2009	Mandleni Land Trust-Trustees	None
35	Remainder of the farm Hope No. 5088	99, 3344 ha	T47815/2007	Hermanus Jurie de Wet and Elizabeth Maria de Wet	None
36	Portion 1 of the farm Hope No. 5088	54, 2987 ha	T9436/1989	Hermanus Jurie de Wet and Elizabeth Maria de Wet	B2024/1999 B20916/2010 B21342/1997 VA1194/1997 VA202/1999
37	Portion 2 of the farm Hope No. 5088	91, 5521 ha	T9436/1989	Hermanus Jurie de Wet and Elizabeth	B2024/1999

STAATSKOERANT, 13 FEBRUARIE 2015

No. 3

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
				Maria de Wet	B20916/2010 B21342/1997 VA1194/1997 VA202/1999
38	Portion 3 of the farm Hope No. 5088	213, 2575 ha	T19558/1973	Udo Rudolf Wilhelm Dedekind	None
39	Remainder of Portion 1 of the farm Overton No. 3315	165, 5166 ha	T40356/2012	Theunis Jacobus Strydom	K1498/1985S
40	Portion 2 of the farm Overton No. 3315	396, 1066 ha	T9471/1982	Ilma Auguste Dedekind	None
41	Portion 3 of the farm Overton No. 3315	323, 7488 ha	T11304/1997	Hans Jurie Hendrik Strydom	B4895/2000 B5536/2011 B7803/2010
42	Portion 4 of the farm Overton No. 3315	323, 7488 ha	T29773/2002	Nkosenye Themba Mfaba and Jabulile Nancy Mlaba	None
43	Portion 5 of the farm Overton No. 3315	283, 2802 ha	T40356/2012	Theunis Jacobus Strydom	None
44	Portion 6 of the farm Overton No. 3315	121, 4058 ha	T816/1942	Anna Sophia van der Walt	None
45	Remainder of the farm Beauvale No. 2249	305, 0953 ha	T22952/2001	Hannie le Roux Trust-Trustees	None
46	Remainder of Portion 1 of the farm Beauvale No. 2249	168, 7541 ha	T7135/2007	Central Dev South (Ply) Ltd	B8625/2007
47	Portion 2 of the farm Beauvale No. 2249	146, 7061 ha	T8295/1979	Frans Johannes Meyer	I-244/1978LG
48	Portion 3 of the farm Beauvale No. 2249	305, 0953 ha	T52301/2004	Zindela Communal Property Association	None
49	Portion 4 of the farm Beauvale No. 2249	43, 4278 ha	T229582/25001	Hannie le Roux Trust-Trustees	None
50	Portion 5 of the farm Beauvale No. 2249	261, 6674 ha	T22952/2001	Hannie le Roux Trust-Trustees	None
51	Remainder of the farm Lot T No. 5137	189, 5486 ha	T5545/1965	Jan Gabriel du Plessis	None
52	Portion 3 of the farm Lot T No. 5137	139, 2684 ha	T5545/1964	Jan Gabriel du Plesses	I-383/1979LG
53	Remainder of the farm Roode Rand A No. 5483	125, 7321 ha	T15494/1977	Hendrik Isak Meyer Bruyns	I-370/1980LG
54	Portion 1 of the farm Roode Rand A No. 5483	79, 9924 ha	42328/2009	Albertus de Beer van Zyl	B21610/2009
55	Remainder of the farm Bedrug No. 5288	800 dum	T5288/1894	Johannes Hendrick Ries	None
56	Portion 1 of the farm Bedrug No. 5288	105, 7343 ha	T42328/2009	Albertus de Beer van Zyl	B21610/2009
57	Remainder of the farm Stonehammer No. 4723	81, 3090 ha	T7135/2007	Central Dev South (Pty) Ltd	B16489/1991 B31385/1986 B39434/1995 B4567/1993 B8/1985 B8625/2007
58	Portion 1 of the farm Stonehammer No. 4723	81, 3064 ha	T11596/2006	Zotec Dev (Pty) Ltd	VA1350/1997

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
					VA2229/2010
59	Remainder of the farm Persberg No. 4732	22, 4904 ha	T5096/1942	Maria Elizabeth Wilhelmina Vermaak	None
60	Portion 1 of the farm Persberg No. 4732	2, 3169 ha	T1403/1898	Elizabeth Maria C J Harris	I-208/1980LG
61	Remainder of Portion 2 of the farm Persberg No. 4732	175, 7554 ha	T5096/1942	Maria Elizabeth Wilhelmina Vermaak	I-208/1980LG
62	Portion 3 of the farm Persberg No. 4732	1, 5152 ha	T8593/1946	Marriam Mather	I-208/1980LG
63	Remainder of the farm Harriot Dale No. 4324	3370, 0178 ha	T24808/2000	Andries Francios Labuschagne	B15073/2000
64	Portion 1 of the farm Harriot Dale No. 4324	15, 7307 ha	T16810/2001	Heather Joyce Labuschagne	None
65	Remainder of the farm Kalwerfontein No. 15122	1496, 6228 ha	T9197/1979	Cornelius Tobias Vermaak	VA3663/2006
66	Portion 1 of the farm Kalwerfontein No. 15122	1496, 6231 ha	T8644/1976	Cornelius Tobias Vermaak	B4671/1993 VA3662/2006
67	Portion 4 of the farm Zwartwater No. 3213	0, 8094 ha	T440/1914	Family Cemetery	I-2925/1978LG
68	Remainder of Portion 5 of the farm Zwartwater No. 3213	400, 7993 ha	T39784/2002	Kompas Trust-Truslees	None
69	Remainder of the farm Giba No. 15095	678, 9526 ha	T20153/2003	Kenneth John Leon Robinson	B11657/2003
70	Portion 1 of the farm Giba No. 15095	658, 3098 ha	T4370/1998	Kompas Trust-Trustees	B54504/2004
71	Remainder of the farm Valkop No. 2253	890, 9163 ha	T7135/2007	Central Dev South (Pty) Ltd	B16489/1991 B31385/1986 B39434/1995 B4567/1993 B8/1985 B8625/2007
72	Portion 1 of the farm Valkop No. 2253	343, 9831 ha	T7135/2007	Central Dev South (Pty) Ltd	B8625/2007
73	Remainder of the farm Lot 1 No. 2948	609, 1157 ha	T10331/2012	Chaplain Manufacturing	None
74	Portion 1 of the farm Lot 1 No. 2948	254, 4842 ha	T62524/2005	Zimisele of Mooikeus Communal Property Association	B6141/2012
75	Remainder of the farm Alston No. 10373	417, 7751 ha	T5545/1965	Jan Gabriel de Plessis	K640/1983RM VA1156/1995
76	Portion 1 of the farm Alston No. 10373	39, 1103 ha	T10331/2012	Chaplain Manufacturing	B6141/2012
77	Remainder of the farm Devils Kloof No. 5136	525, 0829 ha	T55135/2008	Shayamoya Land Trust-Trustees	K872/2001s VA532/2008
78	Portion 1 of the farm Devils Kloof No. 5136	105, 4356 ha	T30637/1998	Friedenthal Trust-Trustees	B24806/1998
79	Remainder of the farm Beith No. 2401	739, 8469 ha	T43762/23008	Tangeni Land Trust-Trustees	VA3563/2013 VA3557/2008
80	Portion 2 of the farm Beith No. 2401	70, 1093 ha	T35520/2005	Catherine Thembekile Zwane	None

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
81	Portion 3 of the farm Beith No. 2401	10, 8278 ha	T30254/2006	Petrus Hendrik Bruyns	None
82	Remainder of the farm Mauchline No. 2396	287, 6306 ha	T36130/1993	Kenneth John Leon Robinson	B12711/1999
83	Portion 1 of the farm Mauchline No. 2396	404, 6860 ha	T16441/1979	Kenneth John Leon Robinson	B12711/1999
84	Portion 3 of the farm Mauchline No. 2396	505, 8575 ha	T36715/1996	Johannes Hermanus Scheepers	None
85	Remainder of the farm Livingstone No. 3539	8, 9916 ha	T39784/2002	Kompas Trust-Trustees	None
86	Portion 1 of the farm Livingstone No. 3539	136, 3412 ha	T39784/2002	Kompas Trust-Trustees	None
87	Portion 2 of the fam Livingstone No. 3539	305, 0953 ha	T667/1998	Kompas Trust-Trustees	B54504/2004
88	Remainder of the farm Langverwacht No. 13301	158, 5509 ha	T54367/2008	Green Farm Land Trust-Trustees	I-1956/2013I
89	Portion 1 of the farm Langverwacht No. 13301	505, 8575 ha	T54367/2008	Green Farm Land Trust-Trustees	I-1956/2013I K394/1983PC K722/1984PC
90	Portion 2 of the farm Langverwacht No. 13301	505, 8575 ha	T54367/2008	Green Farm Land Trust-Trustees	I-1956/2013I K394/1983PC K722/1984PC
91	Remainder of the farm Summerville No. 4245	364, 3186 ha	T667/1998	Kompas Trust-Trustees	B54504/2004
92	Portion 1 of the farm Summerville No. 4245	132, 7370 ha	T4370/1998	Kompas Trust-Trustees	B54504/2004
93	Portion 2 of the farm Summerville No. 4245	103, 3364 ha	T4370/1998	Kompas Trust-Trustees	B54504/2004
94	Portion 1 of the farm Craigmillar No. 2971	541, 2431 ha	T4373/1996	Maximillian Emile Friedenthal Brits	B19572/2004
95	Portion 2 of the farm Craigmillar No. 2971	219, 1225 ha	T30637/1998	Friedenthal Trust-Trustees	B24806/1998
96	Portion 3 of the farm Craigmillar No. 2971	501, 6045 ha	T20145/2008	Christiaan Gerhardus Brits and Patricia Joan Brits	B17602/2008
97	Remainder of the farm Baviaan-Kloof No. 5031	421, 5841 ha	T8295/1979	Fran Johannes Meyer	I-4422/1977LG
98	Portion 1 of the farm Baviaan-Kloof No. 5031	317, 3901 ha	T16808/2001	Andries Francios Labuschagne	K872/2001S VA4532/2008
99	Portion 2 of the farm Baviaan-Kloof No. 5031	69, 8816 ha	T8295/1979	Farns Johannes Meyer	I-4422/1977LG
100	Remainder of the farm Youngerhill No. 3540	202, 5655 ha	T15494/1977	Hendrik Isak Meyer Bruyns	None
101	Portion 1 of the farm Youngerhill No. 3540	35, 0053 ha	T31685/1997	Kompas Trust-Trustees	K1357/1986S
102	Remainder of Portion 2 of the farm Youngerhill No. 3540	98, 2267 ha	T31685/1997	Kompas Trust-Trustees	None
103	Portion 3 of the farm Youngerhill No. 3540	69, 1109 ha	T31685/1997	Kompas Trust-Trustees	None
104	Remainder of Portion 1 of the farm Zuurkop No. 4127	199, 4176 ha	T26162/1996	Kranzkop Trust-Trustees	None
105	Portion 2 of the farm Zuurkop No. 4127	109, 9689 ha	T5096/1942	Maria Elizabeth Wiljelmina Vermaak	I-2925/1978LG
106	Portion 3 of the farm Zuurkop No. 4127	389, 3499 ha	T16809/2001	Chamtel Joyce Carter	B20243/2005 B20835/2011

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CURRENT BONDS & RESTRICTIVE EXTENT NO. PROPERTY DESCRIPTION TITLE DEED CURRENT OWNER CONDITIONS (INTERDICTS) NO. K872/2001S VA1040/2005 VA4532/2008 107 Portion 4 of the farm Zuurkop No. 4127 18, 2845 ha T38507/2007 Douglas James Long None 108 Remainder of the farm Kempenfeldt No. 3541 101, 1705 ha T62242/2004 Kompas Trust-Trustees B54504/2004 109 Portion 1 of the farm Kempenfeldt No. 3541 242, 8116 ha T31685/1997 Kompas Trust-Trustees None T31685/1997 Kompas Trust-Trustees 110 Portion 2 of the farm Kempenfeldt No. 3541 62, 3098 ha None T35521/2005 Adriaan Mynhardt Sadie 111 Portion 3 of the farm Kempenfeldt No. 3541 142, 1183 ha None 112 Portion 2 of the farm Earnscliff No. 3308 213, 6668 ha T15494/1977 Hendrik Isak Meyer Bruyns None 113 Remainder of Portion 3 of the farm Earnscliff No. 3308 160, 3300 ha T15494/1977 Hendrik Isak Meyer Bruyns I-411/1978LG 114 Portion 4 of the farm Earnscliff No. 3308 242, 7741 ha T7135/2007 Central Dev South (Pty) Ltd B8625/2007 T15494/1977 Hendrik Isak Meyer Bruyns 115 Portion 5 of the farm Earnscliff No. 3308 82, 4817 ha I-411/1978LG T62243/2004 Kompas Trust-Trustees B54504/2004 116 Portion 1 of the farm Outfall No. 2414 317, 6785 ha 117 Portion 3 of the farm Outfall No. 2414 7. 5118 ha T30254/2006 Petrus Hendrik Bruyns None B12711/1999 118 Portion 4 of the farm Outfall No. 2414 292, 8245 ha T21801/1985 Kenneth John Leon Robinson 119 Portion 5 of the farm Outfall No. 2414 178, 5214 ha T21801/1985 Kenneth John Leon Robinson B12711/1999 120 Portion 6 of the farm Outfall No. 2414 209, 0010 ha T62243/2004 Kompas Trust-Trustees B54504/2004 121 Remainder of the farm Kilburnie No. 2390 210, 2070 ha T32311/1998 Hans Jurie Potgieter None T30254/2006 Petrus Hendrik Bruyns Portion 1 of the farm Kilburnie No. 2390 207, 5856 ha 122 None 123 Portion 4 of the farm Kilburnie No. 2390 202, 3430 ha T42328/2009 Albertus de Beer van Zyl B21610/2009 124 Portion 5 of the farm Kilburnie No. 2390 210, 2070 ha T32311/1998 Hans Jurie Potgieter None T30254/2006 Petrus Hendrik Bruyns None 125 Portion 9 of the farm Kilburnie No. 2390 282, 2153 ha Portion 10 of the farm Kilburnie No. 2390 132, 9562 ha T26402/1993 126 Hans Jurie Potgieter None K1299/1989RM 127 Remainder of the farm Paddafontein No. 3214 85, 3534 ha T31685/1997 Kompas Trust-Trustees K146/1999RM 128 Portion 1 of the farm Paddafontein No. 3214 23, 5249 ha T31685/1997 Kompas Trust-Trustees K1357/1986S 129 Remainder of Portion 2 of the farm Paddafontein No. 3214 T6183/1984 Kenneth John Leon Robinson 267, 3785 ha B12711/1999 130 Remainder of Portion 4 of the farm Paddafontein No. 3214 96, 3153 ha T31685/1997 Kompas Trust-Trustees K1299/1989RM K146/1999RM 131 Portion 5 of the farm Paddafontein No. 3214 44, 2869 ha T31685/1997 Kompas Trust-Trustees K1299/1989RM K146/1999RM 132 Portion 6 of the farm Paddafontein No. 3214 37, 1296 ha T31685/1997 Kompas Trust-Trustees K1357/1986S 133 Portion 1 of the farm Vermaaks Kraal No. 1124 T10820/1996 Dion Andre van Dyk 121, 4058 ha I-893/1977LG

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NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
134	Remainder of Portion 4 of the farm Vermaaks Kraal No. 1124	286, 7013 ha	T57299/2002	Jan Fourie Trust-Trustees	B33981/2002
135	Remainder of Portion 5 of the farm Vermaaks Kraal No. 1124	444, 4215 ha	T9073/2009	Jan Fourie Trust-Trustees	B17704/2012
136	Portion 6 of the farm Vermaaks Kraal No. 1124	170, 8584 ha	T57299/2002	Jan Fourie Trust-Trustees	B33981/2002
137	Remainder of Portion 7 of the farm Vermaaks Kraal No. 1124	229, 2682 ha	T26162/1996	Kranzkop Trust-Trustees	None
138	Portion 12 of the farm Vermaaks Kraal No. 1124	56, 4818 ha	T10858/1996	Ngcongwane Trust-Trustees	None
139	Portion 14 of the farm Vermaaks Kraal No. 1124	115, 2830 ha	T20632/2011	National Government of the Republic of South Africa	None
140	Portion 15 of the farm Vermaaks Kraal No. 1124	101, 4310 ha	T20632/2011	National Government of the Republic of South Africa	None
141	Remainder of Portion 1 of the farm Goede Keus No. 1066	465, 4460 ha	T52678/2000	Jannie Potgieter Trust-Trustees	B12343/2011 B23241/2013 B28170/2008 B31379/2000 B3491/2002 B42660/2003 B5719/2005
142	Portion 3 of the farm Goede Keus No. 1066	2, 0234 ha	T9817/1965	Regional & Land Affairs	I-102/1977LG
143	Remainder of Portion 4 of the farm Goede Keus No. 1066	284, 7264 ha	T10332/2012	Chaplain Manufacturing cc	B6141/2012
144	Remainder of Portion 5 of the farm Goede Keus No. 1066	182, 0010 ha	T27350/2011	National Government of the Republic of South Africa	None
145	Remainder of Portion 6 of the farm Goede Keus No. 1066	280, 4002 ha	T5872/1964 T3453/2010	Alma Ria du Plessis Trust-Trustees	None
146	Remainder of Portion 7 of the farm Goede Keus No. 1066	281, 6207 ha	T5872/1964 T3453/2010	Alma Ria du Plessis Trust-Trustees	None
147	Portion 8 of the farm Goede Keus No. 1066	283, 2943 ha	T5872/1964 T3453/2010	Alma Ria du Plessis Trust-Trustees	I-102/1977LG
148	Portion 9 of the farm Goede Keus No. 1066	2, 0234 ha	T27634/2010	Alma Ria du Plessis Trust-Trustees	None
149	Portion 11 of the farm Goede Keus No. 1066	1015, 7047 ha	T52678/2000	Jannie Potgieter Trust-Trustees	B12343/2011 B23241/2013 B28170/2008

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NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
					B31379/2000 B3491/2002 B42660/2003 B5719/2005 K1091/1990S
150	Remainder of Portion 2 of the farm Krantz Kop No. 1065	182, 7976 ha	T347/1902	Jas Alherton Hampson	I-102/1977LG
151	Remainder of Portion 3 of the farm Krantz Kop No. 1065	800 dum	T966/1901	Jas Atherton Hampson	I-102/1977LG
152	Portion 4 of the farm Krantz Kop No. 1065	302, 9592 ha	T18780/1997	Kenneth John Leon Robinson	B12711/1999
153	Portion 5 of the farm Krantz Kop No. 1065	1, 8765 ha	T28050/2003 T29783/19689	Tshepang Funeral Undertaker cc Bashira Bibi Khan	None
154	Remainder of Portion 6 of the farm Krantz Kop No. 1065	514, 1156 ha	T1583/1988	Dirk Cornelis Wessels	K827/1990RM VA1852/1995 VA3130/2003
155	Remainder of Portion 7 of the farm Krantz Kop No. 1065	424, 5915 ha	T2664/1974	Jan Gabriel du Plessis	VA3824/2010 VA4108/2005
156	Portion 8 of the farm Krantz Kop No. 1065	168, 2279 ha	T62521/2005	Zimisele Dingledale Communal Property Association	VA3824/2010 VA4108/2005
157	Portion 9 of the farm Krantz Kop No. 1065	467, 3465 ha	T2664/1974	Jan Gabriel du Plesssis	VA3824/2010 VA4108/2005
158	Remainder of Portion 10 of the farm Krantz Kop No. 1065	344, 1247 ha	T2664/1974	Jan Gabriel du Plessis	VA3824/2010 VA4108/2005
159	Portion 11 of the farm Krantz Kop No. 1065	4, 7879 ha	T2664/1974	Jan Gabrield du Plessis	VA3824/2010 VA4108/2005
160	Portion 12 of the farm Krantz Kop No. 1065	177, 3877 ha	T62521/2005	Zimisele Dingledale Communal Property Association	
161	Portion 13 of the farm Krantz Kop No. 1065	8, 1809 ha	T62520/2005	Thandanani Communal Property Association	None
162	Remainder of the farm Paarde Berg No. 1068	800 bum	T132/1856	Andries Johannes van Tonder	None
163	Remainder of Portion 1 of the farm Paarde Berg No. 1068	139, 2842 ha	T2226/1913	RSA	I-4520/1976LG
164	Remainder of Portion 2 of the farm Paarde Berg No. 1068	324, 0113 ha	T29947/1988	Cornelis Johannes du Plessis	B20961/2013
165	Remainder of Portion 3 of the farm Paarde Berg No. 1068	251, 7324 ha	T36715	Johannes Hermanus Scheepers	None
166	Portion 4 of the farm Paarde Berg No. 1068	3, 9836 ha	T5872/1964 T3453/2010	Alma Ria du Plessis-Trustees	None

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NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
167	Portion 5 of the farm Paarde Berg No. 1068	162, 5291 HA	T5872/1964 T3453/2010	Alma Ria du Plessis-Trustees	None
168	Portion 6 of the farm Paarde Berg No. 1068	39, 0601 ha	T1802/1913	RSA	I-4520/1976
169	Portion 7 of the farm Paarde Berg No. 1068	116, 0112 ha	T1802/1913	RSA	I-4520/1976SG
170	Portion 8 of the farm Paarde Berg No. 1068	139, 2692 ha	T5545/1965	Jan Gabriel du Plessis	K640/1983RM VA1156/1995
171	Portion 9 of the farm Paarde Berg No. 1068	139, 2403 ha	T5545/1965	Jan Gabriel du Plessis	K640/1983RM VA1156/1995
172	Portion 10 of the farm Paarde Berg No. 1068	139, 2924 ha	T5872/1964 T3453/2010	Alma Ria du Plessis Trustees	None
173	Portion 11 of the farm Paarde Berg No. 1068	139, 2708 ha	T1802/1913	RSA	I-4520/1976SG
174	Portion 12 of the farm Paarde Berg No. 1068	292, 1736 ha	T23350/2013	Michael Ernest Layton and Odette Layton	None
175	Remainder of Portion 13 of the farm Paarde Berg No. 1068	160, 2360 ha	T16463/1964	Jan Gabriel du Plessis	VA1156/1995
176	Portion 14 of the farm Paarde Berg No. 1068	105, 6508 ha	T15333/1983	Frans Johannes Wessels	None
177	Portion 15 of the farm Paarde Berg No. 1068	307, 9938 ha	T22017/1995	Kenneth John Leon Robinson	K156/2001RM K642/1987RM
178	Portion 16 of the farm Paarde Berg No. 1068	307, 9938 ha	T15333/1983	Frans Johannes Wessels	None
179	Portion 17 of the farm Paarde Berg No. 1068	40, 6153 ha	T6183/1984	Kenneth John Leon Robinson	B12711/1999
180	Portion 18 of the farm Paarde Berg No. 1068	110, 1359 ha	T12367/2006	Zimisele of Paarde Berg Communal Property Association	None
181	Portion 19 of the farm Paarde Berg No. 1068	128, 7713 ha	T62525/2005	Zimisele of Paarde Berg Communal Property Association	None
182	Remainder of the farm Dresden No. 5337	24, 3917 ha	T12619/1981	Fritz Wilhelm Backeberg	None
183	Portion 1 of the farm Dresden No. 5337	54, 1995 ha	T12619/1981	Fritz Wilhelm Backeberg	None
184	Remainder of the farm Wilhelmshoe No. 6827	161, 8744 ha	T1930/1987	Fritz Wilhelm Backeberg	None
185	Portion 1 of the farm Wilhelmshoe No. 6827	269, 9407 ha	T6145/1992	Heinz Udo Dedekind	None
186	Remainder of the farm Amo No. 6710	46, 3512 ha	T45197/2009	Muzikayise Wilfred Mkhize and Makhosazane Iris Mkhize	K836/1989s K872/2001S VA4532/2008
187	Portion 2 of the farm Amo No. 6710	3, 7388 ha	T45197/2009	Muzikayise Wilfred Mkhize and Makhosazane Iris Mkhize	K872/2001S VA4532/2008
188	Remainder of the farm Dabula No. 5062	202, 6825 ha	T13506/1998	Monica Hilda Dedekind	K1008/2005L
189	Portion 1 of the farm Dabula No. 5062	86, 1886 ha	T12620/1981	Fritz Wilhelm Backeberg	None

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
190	Remainder of the farm Dori No. 5351	257, 9026 ha	T17225/2005	OH331 Elendomme Edms Bpk	B25744/2011 VA296/2008
191	Portion 1 of the farm Dori No. 5351	71, 6585 ha	T2962/2005	OH331 Elendomme Edms Bpk	None
192	Remainder of the farm Upsala No. 5172	122, 2932 ha	T5618/1983	Ronald Winfried Nuss	B36293/2002
93	Portion 1 of the farm Upsala No. 5172	121, 7671 ha	T40130/2004	Emseni Farming Ltd	None
94	Remainder of the farm Somerset No. 5079	305, 2370 ha	T5618/1983	Ronald Winfried Nuss	B36293/2002
95	Portion 1 of the farm Somerset No. 5079	8, 8972 ha	T29886/1995	Egmund Phillip Dedekind	B13625/1996
96	Remainder of the farm Luhungu No. 5381	14, 0897 ha	T12158/1975	ELC Prop Management Co ELCSA Property Management Co	None
97	Portion 1 of the farm Luhungu No. 5381	248, 8819 ha	T26734/2013	Mabhelaselenga Community Trust- Trustees	None
198	Remainder of the farm Doorn Kop No. 3314	813, 9247 ha	T11596/2006	Zotec Dev (Pty) Ltd	VA2229/2010
99	Portion 1 of the farm Doorn Kop No. 3314	813, 9247 ha	T11596/2006	Zotec Dev (Pty) Ltd	VA1350/1997 VA2229/2010
200	Remainder of the farm West Kirby No. 13703	355, 6461 ha	T51323/2006	Fugitive's Drift Lodge (Pty) Ltd	B62953/2006
01	Portion 1 of the farm West Kirby No. 13703	246, 5267 ha	T51323/2006	Fugitive's Drift Lodge (Pty) Ltd	B62953/2006
202	Remainder of the farm Groote Viei No. 5112	565, 7041 ha	T15723/1969 T130972000	Herbert August Wellman	None
203	Portion 1 of the farm Groote Vlei No. 5112	239, 8089 ha	T60515/2005	Qiniseka Communal Property Assoc	I-370/1980LG
204	Portion 2 of the farm Groote Viei No. 5112	3, 8603 ha	T15723/1969 T130972000	Herbert August Wellman	None
05	Remainder of the farm Swartwater No. 15417	815, 2606 ha	T15333/1983	Frans Johannes Wessels	None
206	Portion 1 of the farm Swartwater No. 15417	534, 8375 ha	T24745/1988	Frans Johannes Wessels and Linda Wessels	None
207	Portion 2 of the farm Swartwater No. 15417	517, 9866 ha	T4370/1998	Kompas Trust-Trustees	854504/2004
808	Remainder of the farm Stirling No. 4570	35, 8426 ha	T35472/1996	Valhalla Ecotourism (Pty) Ltd	VA1855/1996
209	Portion 1 of the farm Stirling No. 4570	7, 2008 ha	T547/1910	RSA	I-2049/1979LG
210	Portion 2 of the farm Stirling No. 4570	0, 3147 ha	T516/1910	RSA	I-2049-1979LG
211	Remainder of the farm Balgownie No. 2972	965, 6879 ha	T11338/2004	Erich Karl Heinz	B310/2005 B44485/2006 B8025/2012 B8026/2012 B9583/2004

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NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
212	Portion 1 of the farm Balgownie No. 2972	162, 6243 ha	T60515/2005	Qiniseka Communal Property Assoc	None
213	Portion 2 of the farm Balgownie No. 2972	26, 7927 ha	T856/1967 T40534/1999	Danilo Pedrelli	B5906/2005 VA827/1989-856/1967T
214	Portion 3 of the farm Balgownie No. 2972	37, 6610 ha	T13649/2012	Montrrose Farming Trust-Trustees	B8025/2012 B8026/2012
215	Portion 4 of the farm Balgownie No. 2972	33, 4325 ha	T18870/1998	Heino Ewald Wellman	None
216	Remainder of the farm Lange Fontein No. 2397	164, 3656 ha	T45173/2003	Jacobus Stephanus Muller	B26170/2003 B5688/2004
217	Remainder of Portion 1 of the farm Lange Fontein No. 2397	459, 5874 ha	T45173/2003	Jacobus Stephanus Muller	B26170/2003 B5688/2004
218	Remainder of Portion 2 of the farm Lange Fontein No. 2397	295, 2920 ha	T45173/2003	Jacobus Stephanus Muller	B26170/2003 B5688/2004
219	Portion 3 of the farm Lange Fontein No. 2397	49, 8545 ha	T11536/2001	De Waar Trust-Trustees	VA3008/2011
220	Portion 4 of the farm Lange Fontein No. 2397	17, 6915 ha	T11536/2001	De Waar Trust-Trustees	VA3008/2011
221	Portion 5 of the farm Lange Fontein No. 2397	169, 5634 ha	T45174/2003	Marthinus Emmanuel Muller	B26171/2003
222	Portion 6 of the farm Lange Fontein No. 2397	72, 2720 ha	T45174/2003	Marthinus Emmanuel Muller	B26171/2003
223	Remainder of the farm Helpmekaar No. 4126	9, 7778 ha	T35472/1996	Valhalla Ecotourism (Pty) Ltd	I-1311-2006LG VA1855/1996
224	Portion 1 of the farm Helpmekaar No. 4126	0, 8094 ha	T5096/1942	Maria Elizabeth Wilhelmina Vermaak	I-2925/1978LG
225	Remainder of Portion 2 of the farm Helpmekaar No. 4126	0, 9824 ha	T2386/1903	RSA	K194/1996RM
226	Remainder of Portion 3 of the farm Helpmekaar No. 4126	22, 3328 ha	T516/1910	RSA	I-1311/2006LG K1055/1997RM
227	Portion 4 of the farm Helpmekaar No. 4126	0, 4047 ha	T58311/1999	Johanned Frederik van Zyl and Elizabeth Gertina van Zyl	B35195/2006
228	Portion 6 of the farm Helpmekaar No. 4126	0, 4474 ha	T19442/1979 T36323/1999	RSA	None
229	Portion 7 of the farm Helpmekaar No. 4126	0, 1040 ha	T9826/1996	RSA	I-17166/1999LG I-1311/2006LG I-3387/1996LG-25/4/1 I-3420/1996LG-29/4/1 VA191/1997
230	Portion 8 of the farm Helpmekaar No. 4126	3, 0908 ha	T4392/1996	Danilo Pedrelli	None
231	Portion 9 of the farm Helpmekaar No. 4126	0, 8273 ha	T4391/1996	RSA	I-17166/1999LG

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
					I-1311/2006LG I-3387/1996LG-25/4/1 I-3420/1996LG-29/4/1 VA191/1997
232	Portion 10 of the farm Helpmekaar No. 4126	1, 000 ha	T28845/1997	Helpmekaar Farmers Association	None
233	Portion 11 of the farm Helpmekaar No. 4126	2, 3816 ha	T54425/1999	RSA	None
234	Remainder of the farm Elands Kraal No. 3327	229, 1472 ha	T11866/2000	Heinz Udo Dedekind	VA605/2000
235	Remainder of Portion 2 of the farm Elands Kraal No. 3327	95, 8400 ha	T11866/2000	Heinz Udo Dedekind	VA605/2000
236	Remainder of Portion 3 of the farm Elands Kraal No. 3327	165, 7038 ha	T22016/2011	Egmund Phillip Dedekind	K1465/1989S
237	Portion 4 of the farm Elands Kraal No. 3327	229, 4197 ha	T11866/2000	Heinz Udo Dedekind	K1465/1989S VA605/2000
238	Portion 5 of the farm Elands Kraal No. 3327	0, 8094 ha	T8608/1945	German Evagelical Lutheran Congregation Verden-Dundee-Trustees	I-2588/1978LG K690/1967S
239	Portion 6 of the farm Elands Kraal No. 3327	2, 0234 ha	T11866/2000	Heinz Udo Dedekind	None
240	Portion 7 of the farm Elands Kraal No. 3327	7, 9494 ha	T11866/2000	Heinz Udo Dedekind	VA605/2000
241	Portion 8 of the farm Elands Kraal No. 3327	3, 7226 ha	T11866/2000	Heinz Udo Dedekind	VA605/2000
242	Portion 9 of the farm Elands Kraal No. 3327	7, 9263 ha	T8610/1945	German Evagelical Lutheran Congregation Verden-Dundee-Trustees	I-2588/1978LG K690/1967S
243	Portion 10 of the farm Elands Kraal No. 3327	0, 4975 ha	T8611/1945	German Evagelical Lutheran Congregation Verden-Dundee-Trustees	I-2588/1978LG K690/1967S
244	Portion 11 of the farm Elands Kraal No. 3327	0, 3720 ha	T8609/1945	German Evagelical Lutheran Congregation Verden-Dundee-Trustees	I-2588/1978LG K690/1967S
245	Portion 12 of the farm Elands Kraal No. 3327	33, 4842 ha	T65036/2004	Werner Theodor Harms and Ilse Margaretha Harms	None
246	Portion 13 of the farm Elands Kraal No. 3327	54, 9946 ha	T9521/2000	German Evagelical Lutheran Congregation Verden-Dundee-Trustees	K690/1967S
247	Portion 14 of the farm Elands Kraal No. 3327	4, 0553 ha	T11953/1982	ELC Prop Management Co ELCSA Property Management Co	None
248	Portion 1 of the farm Matatana No. 13024	308, 1671 ha	T9213/2011	Hans Jurie Hendrik Strydom	B5536/2011
249	Remainder of Portion 2 of the farm Matatana No. 13024	82, 2456 ha	T4810/2011	RSA	None
250	Portion 3 of the farm Matatana No. 13024	412, 7846 ha	T4810/2011	RSA	None
251	Portion 4 of the farm Matatana No. 13024	314, 4974 ha	T35392/1995	Fikanempi Simeon Dube	B37822/1995 K132/1998S

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
					K2920/2013S K794/1993S VA3506/2002
252	Portion 5 of the farm Matatana No. 13024	163, 3373 ha	T35392/1995	Finakempi Simeon Dube	B37822/1995 VA3506/2002
253	Portion 6 of the farm Matatana No. 13024	148, 7578 ha	T67937/2001	Makhosi Eldinah Mbatha	K1016/1993S K641/1998S
254	Remainder of Portion 7 of the farm Matatana No. 13024	150, 8584 ha	T67937/2001	Makhosi Eldinah Mbatha	None
255	Portion 8 of the farm Matatana No. 13024	392, 3795 ha	T37302/2013	Mabhelaselenge Community Trust- Trustees	VA4169/2013
256	Portion 9 of the farm Matatana No. 13024	315, 9559 ha	T40217/2013	Mabhelaselenge Community Trust- Trustees	None
257	Portion 10 of the farm Matatana No. 13024	49, 1058 ha	T35392/1995	Fikanempi Simeon Dube	B37822/1995 K132/1998S K2922/2013S K3957/2002S K794/1993S VA3506/2002
258	Portion 11 of the farm Matatana No. 13024	73, 8881 ha	T67937/2001	Makhosi Eldinah Mbatha	None
259	Portion 12 of the farm Matatana No. 13024	73, 9922 ha	T4810/2011	RSA	None
260	Portion 13 of the farm Matatana No. 13024	168, 3591 ha	T35392/1995	Fikanempi Simeon Dube	B37822/1995 VA3506/2002
261	Portion 14 of the farm Matatana No. 13024	162, 3277 ha	T9213/2011	Hans Jurie Hendrik Strydom	B5536/2011
262	Portion 15 of the farm Matatana No. 13024	134, 0386 ha	T23483/2014	The Gezahlale Family Trust-Trustees	None
263	Remainder of the farm Uithoek No. 1078	3348, 3720 ha	T721/1961	Hendrik Josephus Strydom	None
264	Portion 3 of the farm Uithoek No. 1078	209, 5439 ha	T856/1967	Danilo Pedrelli	B5906/2005
265	Portion 4 of the farm Uithoek No. 1078	209, 6273 ha	T856/1967	Danilo Pedrelli	B5906/2005
266	Remainder of Portion 5 of the farm Uithoek No. 1078	209, 6322 ha	T732/2005	Alva Propery Trust-Trustees	None
267	Portion 6 of the farm Uithoek No. 1078	83, 6747 ha	T5096/1942	Maria Elizabeth Wihelmina Vermaak	I-5131/1976LG
268	Portion 7 of the farm Uithoek No. 1078	209, 6539 ha	T10859/1996	Ngcongwane Trust-Trustees	None
269	Portion 8 of the farm Uithoek No. 1078	209, 6322 ha	T60514/2005	Ngcongwane Top Communal Property Association	None

294 The farm Buffelshoek No. 8722

293 The farm Lot N No. 8784

295 The farm Salbo No. 5252

268	Portion 7 of the farm Uithoek No. 1078	209, 6539 ha		Ngcongwane Trust-Trustees	None
269	Portion 8 of the farm Uithoek No. 1078	209, 6322 ha	T60514/2005	Ngcongwane Top Communal Property Association	None
NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
270	Remainder of Portion 9 of the farm Uithoek No. 1078	195, 3792 ha	T732/2005	Alva Property Trust-Trustees	None
271	Portion 10 of the farm Uithoek No. 1078	283, 2802 ha	T10858/1996	Ngcongwane Trust-Trustees	None
272	Portion 11 of the farm Uithoek No. 1078	202, 3430 ha	T5096/1942		I-5131/1976LG
273	Remainder of Portion 12 of the farm Uithoek No. 1078	166, 1928 ha	T18029/1968		B5906/2005
274	Portion 13 of the farm Ulthoek No. 1078	209, 6552 ha	T18029/1968		B5906/2005
275	Remainder of Portion 14 of the farm Uithoek No. 1078	373, 4419 ha	T44549/2002	Umngelekazi Communal Property Association	None
276	Portion 15 of the farm Uithoek No. 1078	101, 1715 ha	T5096/1942		I-5131/1976LG
277	Portion 16 of the farm Uithoek No. 1078	43, 4605 ha	T5096/1942	Maria Elizabeth Wilhelmina Vermaak	I-5131/1976LG
278	Portion 17 of the farm Uithoek No. 1078	127, 3216 ha	T5096/1942	Maria Elizabeth Wilhelmina Vermaak	I-5131/1976LG
279	Portion 18 of the farm Uithoek No. 1078	14, 6614 ha	T60514/2005	Ngcongwane Top Communal Property Association	None
280	The farm Lot A of Simbria No. 5724	120, 7810 ha	T45596/2005	Duna Communal Property Association	None
281	The farm B of Simbria No. 5723	181, 1753 ha	T8815/2208	Lindukuphumula Communal Property Association	None
282	The farm Codonald No. 17320	51, 6058 ha	T22624/2001	ELCSA Property Management Co	None
283	The farm Kersgrove No. 17318	210, 1512 ha	T24461/2009	Mandleni Land Trust-Trustees	None
284	The farm Mali B No. 12177	185, 8772 ha	T11866/2000	Heinz Udo Dedekind	VA606/2000
285	Portion 1 of the farm Tagalie No. 11342	4, 0469 ha	T238/1975	ELC Prop Management Co ELCSA Property Management Co	I-3592/1982LG
286	The farm Dent No. 14746	333, 2260 ha	T8815/2008	Lindukuphumula Communal Property Association	None
287	The farm Menock No. 14770	441, 0015 ha	T64326/2006	RSA	None
288	The farm Nazareth No. 15183	178, 6761 ha	T64236/2006	RSA	None
289	The farm Kamba No. 15180	551, 8918 ha	T8815/2008	Lindukuphumula Communal Property Association	None
290	The farm Impala No. 15179	609, 1557 ha	T64326/2006	RSA	I-26/1996C-27/12/199 I-8952/1995C-8-12-19
291	The farm Lot Oscarsberg's Reserve A No. 8738	65, 9992 ha	T22995/1190	John Audie and Kaaren Audie	K533/1986S
292	The farm Petroscar No. 8307	177, 0071 ha	T51323/2006		B62953/2006
203	The form Lot N No. 9794	50 775 <i>4</i> h	T26162/1006	Kranzkon Truet-Trueteee	None

T26162/1996 Kranzkop Trust-Trustees

T11007/1981 ELC Prop Management Co

T64236/2006 RSA

None

None

None

No.

59, 7754 h

595, 2374 ha

491, 7870 ha

NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
				ELCSA Property Management Co	
296	The farm Trosa No. 5858	60, 9108 ha	T24879/1998	Fugitive's Drift Lodge cc	None
297	The farm Woodleigh No. 5321	346, 7615 ha	T24461/2009	Mandleni Trust Trustees	None
298	The farm Alva No. 5554	305, 1939 ha	T732/2005	Alva Property Trust-Trustees	None
299	The farm Valhalla No. 5179	T40534/1999		B5906/2005 K47/1990S VA827/1989-856/1967T	
300	The farm Daas Krantz No. 5311	455, 4918 ha	T18780/1997	Kenneth John Leon Robinson	B12711/1999
301	The farm Lot Isibindi AA No. 5271	175, 6412 ha	T35809/2011	National Government of the Republic of South Africa	None
302	The farm Nora No. 5488	44, 4151 ha	T21992/1997	Hermanus Jurie de Wet and Elizabeth Maria de Wet	B2024/1999 B20916/2010 B21342/4997
303	The farm Rest No. 4658	121, 4058 ha	T4370/1998	Kompas Trust-Trustees	B54504/2004
304	The farm Rodekop No. 4656	80, 3376 ha	T667/1998	Kompas Trust-Trustees	B54504/2004
305	Remainder of the farm Orange No. 6001	374, 0779 ha	T13649/2012	Montrose Farming Trust-Trustees	B8025/2012 B8026/2012
306	The farm Roode Klip No. 7706	356, 4727 ha	T24462/2009	Mandleni Land Trust-Trustees	None
307	The farm Mali A No. 7853	186, 0631 ha	T2962/2005	O H 331 Eiendomme Edms Bpk	None
308	The farm Buffalo Home No. 7965	220, 3458 ha	T45596/2005	Duna Communal Property Association	None
309	The farm Buffalo Kranz No. 7682	65, 9157 ha	T8815/2008	Lindukuphumula Communal Property Association	None
310	The farm 1A of Welverdient No. 7695	134, 3586 ha	T64326/2006	RSA	None
311	The farm Welverdient 3A No. 7862	61, 3382 ha	T12619/1981	Fritz Wilhelm Backeberg	None
312	The farm 2A of Welverdient No. 7696	82, 6522 ha	T12619/1981	Fritz Wilhelm Backeberg	None
313	The farm Welverdient A No. 7112	153, 7366 ha	T12619/1981	Fritz Wilhelm Backeberg	None
314	The farm Elands' Berg No. 5077	218, 5455ha	29886/1995	Egmund Phillip Dedekind	B13625/1996
315	Remainder of the farm Draai Hoek No. 16950	741, 3056 ha	T54441/2003		None
316	The farm Glasgow No. 4122	80, 1404 ha	T5096/1942	Maria Elizabeth Wilhelmina Vermaak	None
317	The farm Vermaak No. 5045	365, 6975 ha	T60515/2005	Qiniseka Communal Property Association	None
318	Remainder of the farm Notgedog B No. 11648	43, 0022 ha	T62921/2006	Joachim Frederick de Beer	None
319	The farm Tagas Kloof No. 16304	300, 6137 ha	T24461/2009		None
320	The farm Amsibie No. 3110	215, 5307 ha	T11007/1981	ELC Prop Management Co	None

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NO.	PROPERTY DESCRIPTION	EXTENT	CURRENT TITLE DEED NO.	CURRENT OWNER	BONDS & RESTRICTIVE CONDITIONS (INTERDICTS)
				ELCSA Property Management Co	
321	The farm Nyathini No. 18022	422, 7958 ha	T55217/2008	Zimisele Community Trust-Trustees	None
322	Portion 2 of the farm Harding No. 5574	25, 1693 ha	T64326/2006	RSA	None
323	The farm Buffalo Bend No. 12648	124, 6824 ha	T22995/1990	John Audie and Kaaren Audie	None
324	The farm Buffalo Gorge No. 13828	254, 7102 ha	T24879/1998	Fugitives Drift Lodge cc	None
325	The farm Gilling No. 10171	369, 4529 ha	T5192/1925	Ingonyama Trust-Trustees	VA1698/1999
326	The farm Mchjeaane No. 18453	1228, 1779 ha	T38155/2011	ELCSA Property Management Co	None
327	The farm Rorke's Drift No. 18352	23, 1241 ha	T38156/2011	Rorke's Drift Hotel (Pty) Ltd	None
328	The farm Ottoskloof No. 14550	436, 9698 ha	T24461/2009	Mandleni Land Trust-Trustees	None
329	The farm Fugitives Drift No. 11158	801, 8853 ha	T14269/1991	Umzinyathi Estates cc	None
330	The farm Navarre No. 11174	197, 3526 ha	T44866/2000	Heinz Udo Dedekind	VA607/2000
331	Portion 2 of the farm The Paddock No. 3615	19, 9400 ha	T16810/2001	Heather Joy Labuschagne	None
332	The farm Brackstone No. 17319	130, 0254 ha	T62920/2006	OH331 Eiendomme Edms Bpk	None
333	The farm Luck No. 8341	257, 2183 ha	T35853/1998	A & E Trust-Trustees	VA1489/1998
334	The farm Glenwood No. 13707	352, 9015 ha	T11826/1993	Margaretha Maria Theunissen	None
335	The farm Sika No. 16303	194, 8330 ha	T48798/2005	OH 331 Eiendomme Edms Bpk	None
336	The farm Rama No. 3231	289, 7754 ha	T11866/2000	Heinz Udo Dedekind	VA607/2000
337	The farm Krom Hoek No. 4235 ha	181, 5016 ha	T11866/2000	Heinz Udo Dedekind	VA607/2000
338	Portion 2 of the farm Nietgedag B No.938	98, 6879 ha	T62920/2006	OH331 Eiendomme Edms Bpk	None
339	Remainder of the farm Othello No. 14846	335, 0405 ha	T26194/2011	Joachim Federick de Beer	None
340	Portion 1 of the farm Othello No. 14846	379, 0300 ha	T55135/2008	Shayamoya Land Trust-Trustees	K872/2001S VA4532/2008

GOVERNMENT GAZETTE, 13 FEBRUARY 2015

Appendix E: BACKGROUND INFORMATION DOCUMENT (BID)

BACKGROUND INFORMATION DOCUMENT

Proposed Prospecting Right Application of Coal in portions 1, 3, 4, 5 and 6 of the farm Outfall 2414 GT.

Prepared by:



DUNDEE MAGISTERIAL DISTRICT, KWAZULU-NATAL

Prepared for:



Singo Consulting (Pty) Ltd has been appointed as an independent Environmental Consultant by Royal M Coal (Pty) Ltd to conduct Environmental Impact Assessment (EIA), Compile an Environmental Management Plan (EMP) and Prospecting activities will be undertaken over undertake Public Participation Process (PPP). This is done for processes of acquiring environmental authorization for the proposed Prospecting Right application on portions 1, 3, 4, 5 and 6 of the Farm, Outfall 2414 GT situated in the Local Municipality of Endumeni, under Dundee Magisterial District, Kwazulu Natal Province. (DMR Ref: KZN 30/5/1/1/2/10930 PR).

The Purpose of this Background Information Document (BID) is to provide a perfunctory description of the project and outline EIA processes to be followed and contributions from Interested and Affected Parties (IAPs) on the issues related to the project in question, allowing comments and concerns to be raised.

Results of the EIA, both negative and positive will be submitted and made available to the relevant Departments such as the Department of Mineral Resources and if requested, Environmental Affairs, Water and Sanitation, Landowners and other interested stakeholders.

This Background Information Document therefore requests and invite IAPs to comment on the environmental, physical, social and economic impacts associated with the proposed Prospecting Activities. Be assured that your comments are of great value as they ensure that relevant issues are taken into consideration. Attached at the end of this document is a registration form, kindly complete it and send it back to Ms Sithabile Kabaira through given means of communication also attached there.

PROJECT DESCRIPTION

Prospecting Right Application has been submitted for the prospecting of Coal on the properties mentioned above.

This Prospecting Area, as seen in figure 1 below, is situated approximately 17.25 km south-east of Dundee Town, approximately 21.09 km south-east of Glencoe and 6.36 km north-west of approximately Paddafontein.

a period of five (5) years and are designed in phases, each phase conditional on the success of the previous phase. Both invasive and non-invasive methods will be implemented. Desktop study of the area has commenced, and this incorporates desktop geographical and geological mapping. This will be followed by detailed geochemical and geotechnical surveys. In turn, this is followed by detailed geophysical studies and later, a detailed drilling, sampling, assaying and mineralogical study. Percussion drilling and Diamond methods will be utilised to prospect in situ coal ore deposits. To ensure or minimise impacts on the receiving environment, All the activities will be guided by the project's EMP.

REGULATORY FRAMEWORK

Therefore, EIA process to be undertaken will be conducted in accordance with the National Environmental Management Act (Act 38 of 1998) and Environmental Impact Assessment regulations as amended (April 2017).

The activity is to prospect the existence and occurrence of Coal therefore, this will be conducted in accordance with Mineral and Petroleum Resources Development Act, (Act 28 of 2002). Other regulatory guidelines to be followed include: National Water Act, 1998 (Act 36 of 1998), National Air Quality Standards (GN 1210: 2009) and National Dust Control Regulations (GN 275: 2017).

These all will accurately be followed to ensure that identified impacts are assessed and mitigated according to their significance so that the protection of the receiving environment and populations is met.

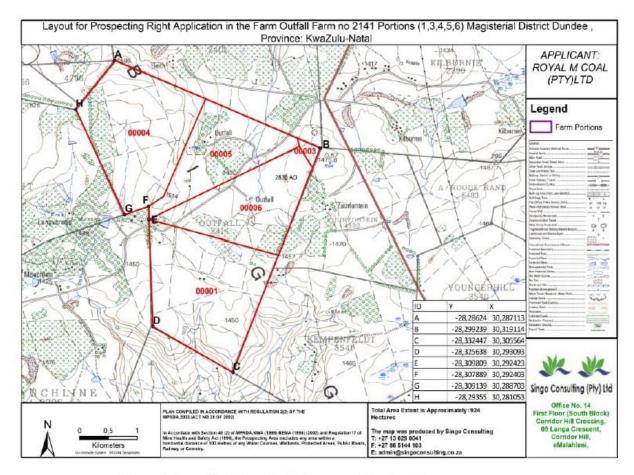


Figure 1: Locality Map of the Proposed Project Area.

LANDOWNER

The proposed project directly affects portions owned by:

Kompas Trust, Portions 1 and 6; Mr Petrus Hendrik Bruyns, Portion 3 and Mr Kenneth John Leon Robinson, Portions 4 and 5.

BASIC AND ENVIRONMENTAL IMPACT ASSESSMENT PROCESSES

These are planning and decision-making tools used in identifying potential environmental, economic and social consequences of a proposed activity prior the commencement of the activity.

These together with the public issues and concerns are to be identified sufficiently early so that they can be assessed and incorporated into the final reports when/if necessary.

These tools are regarded crucial because they are utilized in order to demonstrate to the relevant stakeholders about the potential impacts, which in turn leads to the Mining application process being a success or declined.

PUBLIC PARTICIPATION PROCESS

Public Participation remains a cornerstone of the Environmental Impact Assessment process. It ensures provision of relevant and enough information with openness and transparency. Public Participation process presents to IAPs, an opportunity to understand what the project is about, and affords them an opportunity to make valuable contributions towards the EIA process. IAP can be any person, group of persons or organization interested in or affected by the proposed activity, and any organ of state that may have jurisdiction over any aspect of the activity.

The key objective of PPP during the Scoping phase is to afford the IAPs with an opportunity to comment and provide valuable inputs during the planning phase of the project.

For this specific proposed project, IAPs will be given a period of 30 days to comment and raise issues/concerns with regards to this BID.

Kindly take note of the following dates:

- Announcement of the Prospecting Right Application: <u>January 2020</u>
- Stakeholder engagement and consultation: <u>17 January 2020 - 16 February 2020</u>
- Review of Draft Basic Assessment Report: <u>17</u> February 2020 – 17 March 2020
- Submission of the Final EMP: 27 March 2020



Office No: 16, First Floor (South Block)

Corridor Hill Crossing, 09 Langa Crescent,

Corridor Hill, eMalahleni Tel: +27 13 692 0041

Cell: +27 83 551 4492 Fax: +27 86 5144 103

Email: sithabile@singoconsulting.co.za

: admin@singoconsulting.co.za

REGISTRATION & COMMENT SHEET

Attention: Sithabile Kabaira

Email: sithabile@singoconsulting.co.za

Title	Name		Surna	me
Company				
Designatio				
Address				
Tel No.	1		Fax	No.
E-mail				I No.
l would lik "X"):	e to receive m	y notifications be (mark wit	h Post	E-mail:
				Fax:
Please ind	icate why you	would have an interest in t	he above	-mentioned project.
Please pro	ovide your con	nments and questions here:		
Please fee	el free to attac	h a separate document		
Please ad	d any person y	ou think may be interested	and affec	ted parties:
Full name		0	Company	
Address		·		
E-mail			Contact Io.	



Consultation Meeting with Landowner

Date: 12 February 2020

Time: 1400H

Venue: Outfall 2414 GT

Attendees: Ms Sithabile Kabaira (Consultant)

Ms Masindi Nefale (Consultant)

Mr Kenneth John Leon Robinson and daughter (Landowner Portions 4 &

5)

Client: Royal M Coal (Pty) Ltd

Apologies:

No apologies.

<u>Matters of the day</u>: Prospecting Right Application on Portions 1, 3, 4, 5 & 6 of the farm Outfall 2414 GT.

Issue raised	Response	Actions
Mr Robinson introduced himself and his daughter.	Ms Kabaira opened the meeting by introducing herself and her colleague, Ms Nefale and stated that they were from Singo Consulting which is based in Witbank Mpumalanga Province.	Noted.
	Ms Kabaira explained that Royal Coal M (Pty) Ltd has applied for a Prospecting Right for Coal on the farm Outfall 2414 GT within Endumeni Local Municipality and Singo Consulting (Pty) Ltd has been appointed as an independent Environmental Assessment Practitioner to manage the environmental	Noted

	authorization process, by conducting EIA, Public Participation Process for the proposed prospecting project and compile Environmental	
Mr Robinson confirmed that he owns Portions 4 & 5 of the farm Outfall 2414 GT And showed the consultants the boundaries of his Portions.	Management Plan Report.	Noted.
Mr Robinson asked why we would want to drill again because drilling has taken place before, why not acquire the results.	Ms Kabaira explained that Singo Consulting (Pty) Ltd cannot acquire the drilling data as we do not have any information regarding the company that drilled before. Furthermore, the company prides itself in accuracy and validation of its own results,	Contact details were provided for Cllr Zwane.
	therefore we do not want to rely on other sources that may be inaccurate.	
· · · · · ·	ed about the Landowners for th did not have contact details fo	•
	End-of-Minutes	

Proof of attendance

Attendance register

1eet	ing venue: OUTFALL 2414 GT
ate:	12-02-2020
me:	14 COLIS



			ATTENDANCE RI	EGISTER		
	Name & Surname	Designation	Company/LandOwner/	Contact Details	Email Address	Signature
1	KEN KOBINSON	OUTFALL FARM			Ren-robinson Farming@gmail.com	
2	Sthabite Kabalira	Gensetteani	Simonautino	083.5511/11.97	sithable spicansulting a 29	0-0-
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Appendices of meeting





Consultation Meeting at Endumeni Local Municipality

Date: 12 February 2020

Time: 1200H

Venue: Endumeni Local Municipality

Attendees: Ms Sithabile Kabaira (Consultant)

Ms Masindi Nefale (Consultant)

Mr Zakhele Mndaweni (Environment and Waste Manager)

Mr Mou Mthembu (Assistant Management social)

Client: Royal M Coal (Pty) Ltd

Apologies:

No apologies.

<u>Matters of the day</u>: Prospecting Right Application on Portions 1, 3, 4, 5 & 6 of the farm Outfall 2414 GT.

Issue raised	Response	Actions
Mr Mthembu introduced himself and his colleague Mr Mndaweni.	Ms Kabaira opened the meeting by introducing herself and her colleage, Ms Nefale and stated that they were from Singo Consulting which is based in Witbank Mpumalanga Province.	Noted.
	Ms Kabaira explained that Royal Coal M (Pty) Ltd has applied for a Prospecting Right for Coal on the farm Outfall 2414 GT within Endumeni Local Municipality and Singo Consulting (Pty) Ltd has been appointed as an independent Environmental	Noted

PROOF OF ATTENDECES

1. Attendance Register

INGO CONSULTING (Pty) Ltd Teeting venue: EXIDUNEXI XXI ate: 12-02-2020



			ATTENDANCE RI	EGISTER		
			Company/LandOwner/			
0.	Name & Surname	Designation		Contact Details	Email Address	Signature
1	MOU MILLEMBU	ASHIST MAN SOCIAL	ENDUMENT LM	082 510 8819	mthembum@endumeni,gov. 22	Menung
2	Zathele Mindouverni	Mangger. Erwing du	aste Endument LM	082-8060706	Zmadaweni@endunem. ou re sithaten goomsilight	
3	Stitlable Kobara	Consultant	Sugo Consulting	5044122530	Sithable Barron sulliger Bh	to Li
4	Masindi Nefale	CONCULIENT	Singoconsulting	076 324 5499	masindiasingmouth . co. 2c.	ALE=
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2. Appendices of the meeting



Consultation meeting at KZN Umzinyathi Municipality

Attendance Register

SINGO CONSULTING (Pty) Ltd Meeting venue: Umzünsch DM Date: 13-02-2020 Time: 967



	ATTENDANCE REGISTER								
No.	Name & Surname	Designation	Company/LandOwner/ Other(Specify)	Contact Details	Email Address	Signature			
1	LONDIWE Z MTHENOU	EHP	UMZINYATHI DM	0763852343	ellamini Cumanychii. 900.20	alland			
2	Sithabile Kabeura	Consultant	Suga Consulting	083557 4497	GHLable Belingo on alting o 20	tol			
3	Masindi Nefale	consultant	Shencorsult	07-6 324 599	mesinali@Singprogerice	eter			
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Appendices of meeting



Consultation meeting at KZN Department of Economic Development, Tourism and Environmental Affairs. (EDTEA)

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1eet	ING VENUE: KZN EDTER
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ime:	



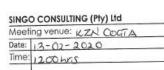
			ATTENDANCE R	EGISTER		
2	Name & Surname	Designation	Company/LandOwner/ Other(Specify)	Contact Details	Email Address	Signature
1	BERALD WILLIS-SMITH	CEO	KONEDTEA	0824618674	Georald, Willis-Sinthallene	ber an and
2	Sithabile Kabaira	Consultant	Schoo Consultive	0835574497	Geord Willis-Sinthe Care	the li-
3	Masi-di Mefale	CONSULTANT	SITER CONSULATE	076324 5499	sithabile Birgir conculting .co. 29 Masi ndi Beingponculting 10:29	Net
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Appendices of meeting





Consultation meeting at KZN COGTA





		ATTENDANCE REGISTER						
ło.	Name & Surname	Designation	Company/LandOwner/ Other(Specify)	Contact Details	Email Address	Signature		
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Appendices of meeting



Appendix F: PROOF OF SITE NOTICES PLACEMENT.

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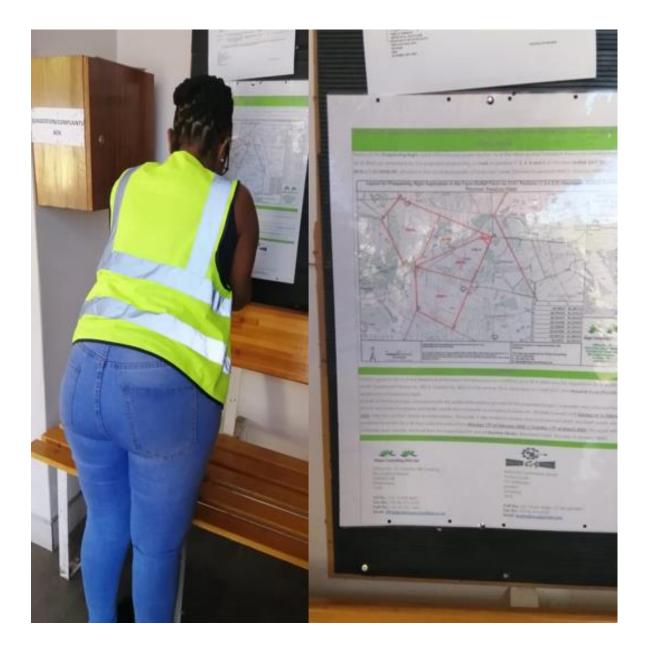




Library Notices

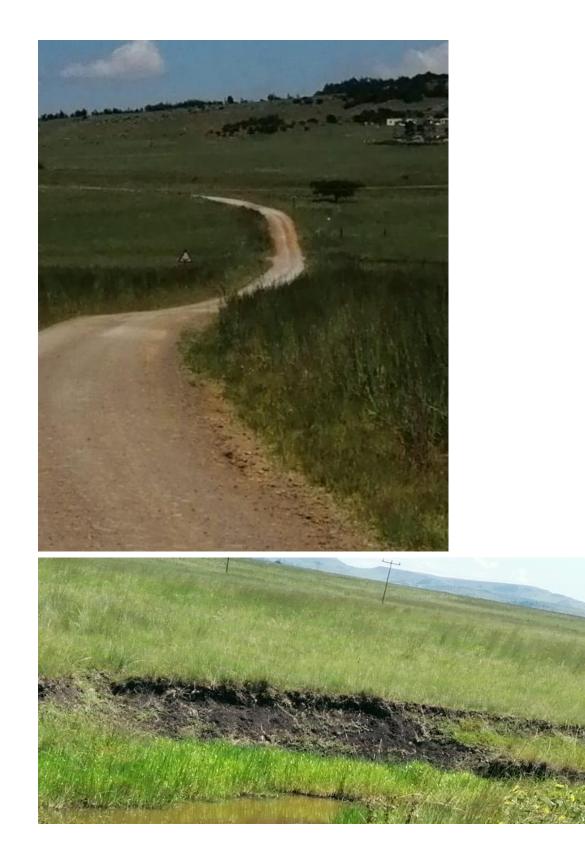


Endumeni Local Municipality Notices



Appendix G: PROOF OF SITE INSPECTION





Appendix H: CALCULATION OF A QUANTUM

Applicant: Evaluator: Situabile Kabaira Ref No: Description Ref No: Link No. Description Unit A B C D 1 Dismantling of processing plant and related structures (including overland conveyors and powerlines) m3 0 16 1 1 2(B) Demolition of steel buildings and structures m2 0 228 1 1 3 Rehabilitation of access roads m2 0 326 1 1 4(A) Demolition of reinforced concrete buildings and structures m2 0 416 1 1 4(A) Demolition of nousing and/or administration facilities m2 0 455 1 1 5 Demolition of nousing and/or administration facilities m3 0 122 1 1 6 Opencest rehabilitation including final voids and ramps ha 0 23807 1 1 7 Sealing of shafts adits and including final voids and ramps ha 0 138195 1 1 8(A) Rehabilitation of processing waste deposits and evaporation ha 0 138249 1 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th>CALCULATION OF THE QUANTUM</th><th></th></td<>							CALCULATION OF THE QUANTUM	
No. Description Unit Quantity Master Multiplication Weighting factor 1 Dismantling of processing plant and related structures (including overland conveyors and powerlines) m3 0 16 1 1 2 (A) Demolition of steel buildings and structures m2 0 228 1 1 3 Rehabilitation of steel buildings and structures m2 0 336 1 1 4 (A) Demolition and rehabilitation of access roads m2 0 41 1 1 4 (A) Demolition and rehabilitation of olectrified railw ay lines m 0 216 1 1 5 Demolition and rehabilitation including final voids and ramps m2 0 455 1 1 6 Opencast rehabilitation including final voids and ramps m3 0 128697 1 1 8 (A) Rehabilitation of processing waste deposits and evaporation ponds (non-poluting potential) m3 0 159131 1 1 8 (C) Rehabilitation of subsided areas ha 0 13249 1 1 9 </th <th>5/1/1/2/10930 PR Feb-20</th> <th>KZN 30/5</th> <th></th> <th></th> <th></th> <th></th> <th>Sithabile Kabaira</th> <th></th>	5/1/1/2/10930 PR Feb-20	KZN 30/5					Sithabile Kabaira	
Instruction Instructures Instructures </th <th>E=A*B*C*D Amount (Rands)</th> <th>Weighting</th> <th>Multiplication</th> <th>Master</th> <th></th> <th>Unit</th> <th>Description</th> <th>No.</th>	E=A*B*C*D Amount (Rands)	Weighting	Multiplication	Master		Unit	Description	No.
2(B) Demolition of reinforced concrete buildings and struct m2 0 336 1 1 3 Rehabilitation of access roads m2 0 41 1 1 4 (A) Demolition and rehabilitation of access roads m 0 395 1 1 4 (A) Demolition and rehabilitation of one-electrified railw ay lines m 0 216 1 1 5 Demolition of housing and/or administration facilities m2 0 455 1 1 6 Opencast rehabilitation including final voids and ramps ha 0 238697 1 1 7 Sealing of shafts adits and inclines m3 0 122 1 1 8 (A) Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential) ha 0 198195 1 1 8 (C) Rehabilitation of subsided areas ha 0 133249 1 1 9 Rehabilitation of subsided areas ha 0 132659 0.3 1	0	1	1	16	0	m3	(including overland conveyors and powerlines)	1
3 Rehabilitation of access roads m2 0 41 1 1 4 (A) Demolition and rehabilitation of electrified railw ay lines m 0 395 1 1 4 (A) Demolition and rehabilitation of non-electrified railw ay lines m 0 216 1 1 5 Demolition of housing and/or administration facilities m2 0 455 1 1 6 Opencast rehabilitation including final voids and ramps ha 0 122 1 1 7 Sealing of shafts adits and inclines m3 0 122 1 1 8 (A) Rehabilitation of overburden and spoils ha 0 198195 1 1 8 (B) Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential) ha 0 5575653 1 1 1 9 Rehabilitation of subsided areas ha 0 133249 1 1 10 General surface rehabilitation ha 0 12059 0.3 <td>0</td> <td>1</td> <td>1</td> <td>228</td> <td>0</td> <td>m2</td> <td>Demolition of steel buildings and structures</td> <td>2 (A)</td>	0	1	1	228	0	m2	Demolition of steel buildings and structures	2 (A)
4 (A) Demolition and rehabilitation of electrified railway lines m 0 395 1 1 4 (A) Demolition and rehabilitation of non-electrified railway lines m 0 216 1 1 5 Demolition of housing and/or administration facilities m2 0 455 1 1 6 Opencast rehabilitation including final voids and ramps ha 0 238697 1 1 7 Sealing of shafts adits and inclines m3 0 122 1 1 8 (A) Rehabilitation of overburden and spoils ha 0 198195 1 1 8 (B) Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential) ha 0 198195 1 1 9 Rehabilitation of subsided areas ha 0 133249 1 1 10 General surface rehabilitation ha 0,6 126059 0,3 1 11 River diversions ha 0 13249 1 1 12 Fencing m 0 1444 1	0	1	1	336	0	m2	Demolition of reinforced concrete buildings and struct	2(B)
4 (A) Demolition and rehabilitation of non-electrified railway lines m 0 216 1 1 5 Demolition of housing and/or administration facilities m2 0 455 1 1 6 Opencast rehabilitation including final voids and ramps ha 0 238697 1 1 7 Sealing of shafts adits and inclines m3 0 122 1 1 8 (A) Rehabilitation of overburden and spoils ha 0 159131 1 1 8 (B) Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential) ha 0 198195 1 1 9 (C) Rehabilitation of subsided areas ha 0 133249 1 1 9 Rehabilitation of subsided areas ha 0 13249 1 1 10 General surface rehabilitation ha 0,6 126059 0,3 1 11 River diversions ha 0 12659 1 1 12 Fencing m 0 16776 1 1 <td>0</td> <td>1</td> <td>1</td> <td>41</td> <td>0</td> <td>m2</td> <td></td> <td>-</td>	0	1	1	41	0	m2		-
5 Demolition of housing and/or administration facilities m2 0 455 1 1 6 Opencast rehabilitation including final voids and ramps ha 0 238697 1 1 7 Sealing of shafts adits and inclines m3 0 122 1 1 8 (A) Rehabilitation of overburden and spoils ha 0 159131 1 1 8 (A) Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential) ha 0 198195 1 1 8 (C) Rehabilitation of processing waste deposits and evaporation ponds (polluting potential) ha 0 5575653 1 1 9 Rehabilitation of subsided areas ha 0 133249 1 1 10 General surface rehabilitation ha 0.6 126059 0.3 1 11 River diversions ha 0 133249 1 1 12 Fencing m 0 1444 1 1	0	1	1	395	0	m	Demolition and rehabilitation of electrified railw ay lines	4 (A)
6 Opencast rehabilitation including final voids and ramps ha 0 238697 1 1 7 Sealing of shafts adits and inclines m3 0 122 1 1 8 (A) Rehabilitation of overburden and spoils ha 0 159131 1 1 8 (A) Rehabilitation of overburden and spoils ha 0 198195 1 1 8 (B) Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential) ha 0 198195 1 1 9 Rehabilitation of subsided areas ha 0 133249 1 1 9 Rehabilitation of subsided areas ha 0 132249 1 1 10 General surface rehabilitation ha 0 126059 0.3 1 11 River diversions ha 0 126059 1 1 12 Fencing m 0 144 1 1 13 Water management ha	0	1	1	216	0	m		4 (A)
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8 (A) Rehabilitation of overburden and spoils ha 0 159131 1 1 8 (A) Rehabilitation of overburden and spoils ha 0 198195 1 1 8 (B) Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential) ha 0 198195 1 1 8 (C) Rehabilitation of processing waste deposits and evaporation ponds (polluting potential) ha 0 5575653 1 1 9 Rehabilitation of subsided areas ha 0 133249 1 1 10 General surface rehabilitation ha 0,6 126059 0,3 1 11 River diversions ha 0 126059 1 1 12 Fencing m 0 144 1 1 13 Water management ha 0 16776 1 1 14 2 to 3 years of maintenance and aftercare ha 0 1 1 15 (B) Specialist study	0	1	1	238697	0	ha	Opencast rehabilitation including final voids and ramps	6
8 (B) Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential) ha 0 198195 1 1 8 (C) Rehabilitation of processing waste deposits and evaporation ponds (polluting potential) ha 0 5575653 1 1 1 9 Rehabilitation of subsided areas ha 0 133249 1 1 10 General surface rehabilitation ha 0,6 126059 0,3 1 1 11 River diversions ha 0 126059 1 1 1 12 Fencing m 0 1444 1 1 1 13 Water management ha 0 16776 1 1 1 14 2 to 3 years of maintenance and aftercare ha 0 16776 1 1 1 15 (A) Specialist study Sum 0 0 1 1 1 2 Contingencies 22722,8744 weighting factor 2 1 2 2 1 2 3 Ndinannyi Kenneth Singo	0	1	1	122	0	m3	Sealing of shafts adits and inclines	7
o (b) ponds (non-polluting potential) Ina 0 198193 1 1 8 (C) Rehabilitation of processing waste deposits and evaporation ponds (polluting potential) ha 0 5575653 1 1 9 Rehabilitation of subsided areas ha 0 133249 1 1 10 General surface rehabilitation ha 0,6 126059 0,3 1 1 11 River diversions ha 0 126059 1 1 1 12 Fencing m 0 144 1 1 1 13 Water management ha 0 16776 1 1 1 14 2 to 3 years of maintenance and aftercare ha 0 16776 1 1 1 15 (A) Specialist study Sum 0 0 1 1 1 2 Contingencies 2272,8744 Weighting factor 2 1 1 1 2	0	1	1	159131	0	ha	Rehabilitation of overburden and spoils	8 (A)
ord ponds (polluting potential) Ina 0 3373033 1 1 9 Rehabilitation of subsided areas ha 0 133249 1 1 10 General surface rehabilitation ha 0,6 126059 0,3 1 11 River diversions ha 0 126059 1 1 12 Fencing m 0 144 1 1 13 Water management ha 0 47931 1 1 14 2 to 3 years of maintenance and aftercare ha 0 16776 1 1 15 (A) Specialist study Sum 0 0 1 1 15 (B) Specialist study Sum 0 0 1 1 2 Contingencies 2722,8744 Weighting factor 2 1 2 Contingencies 2269,062 Subtotal 2 Subtotal 2	0	1	1	198195	0	ha		8 (B)
10 General surface rehabilitation ha 0,6 126059 0,3 1 11 River diversions ha 0 126059 1 1 12 Fencing m 0 144 1 1 13 Water management ha 0 47931 1 1 14 2 to 3 years of maintenance and aftercare ha 0 16776 1 1 14 2 to 3 years of maintenance and aftercare ha 0 16776 1 1 15 (A) Specialist study Sum 0 0 1 1 15 (B) Specialist study Sum 0 0 1 1 1 Preliminary and General 2722,8744 weighting factor 2 1 1 2 Contingencies 2269,062 Subtotal 2	0	1	1	5575653	0	ha		8(C)
11 River diversions ha 0 126059 1 1 12 Fencing m 0 144 1 1 13 Water management ha 0 47931 1 1 14 2 to 3 years of maintenance and aftercare ha 0 47931 1 1 14 2 to 3 years of maintenance and aftercare ha 0 16776 1 1 15 (A) Specialist study Sum 0 0 1 1 15 (B) Specialist study Sum 0 0 1 1 1 Preliminary and General 2722,8744 weighting factor 2 1 2 Contingencies 2269,062 Subtotal 2 Subtotal 2 IGN Ndinannyi Kenneth Singo Minannyi Kenneth Singo Subtotal 2	0	1	1	133249	0	ha	Rehabilitation of subsided areas	9
12 Fencing m 0 144 1 1 13 Water management ha 0 47931 1 1 1 14 2 to 3 years of maintenance and aftercare ha 0 16776 1 1 1 15 (A) Specialist study Sum 0 0 1 1 1 15 (B) Specialist study Sum 0 0 1 1 1 15 (B) Specialist study Sum 0 0 1 1 1 1 Preliminary and General 2722,8744 weighting factor 2 1 1 2 Contingencies 2269,062 Subtotal 2 Subtotal 2 Subtotal 2 GN Ndinannyi Kenneth Singo Ndinannyi Kenneth Singo Subtotal 2 Subtotal 2 Subtotal 2	22690,62	1	0,3	126059	0,6	ha	General surface rehabilitation	10
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14 2 to 3 years of maintenance and aftercare ha 0 16776 1 1 15 (A) Specialist study Sum 0 0 1 1 15 (B) Specialist study Sum 0 0 1 1 15 (B) Specialist study Sum 0 0 1 1 15 (B) Specialist study Sum 0 0 1 1 1 Preliminary and General 2722,8744 weighting factor 2 1 Preliminary and General 2722,8744 Subtotal 1 2 Contingencies 2269,062 GN Ndinannyi Kenneth Singo Subtotal 2	0	1	1	144	0	m	Fencing	12
15 (A) Specialist study Sum 0 0 1 1 15 (B) Specialist study Sum 0 0 1 1 1 Specialist study Sum 0 0 1 1 1 Preliminary and General 2722,8744 weighting factor 2 2 Contingencies 2269,062 GN Ndinannyi Kenneth Singo	0	1	1	47931	0	ha	Water management	13
15 (B) Specialist study Sum 0 0 1 1 1 Preliminary and General 2722,8744 weighting factor 2 2 Contingencies 2269,062 GN Ndinannyi Kenneth Singo	0	1	1	16776	0	ha	2 to 3 years of maintenance and aftercare	14
Sub Total 1 1 Preliminary and General 2722,8744 weighting factor 2 2 Contingencies 2269,062 GN Ndinannyi Kenneth Singo	0	1	1	0	0	Sum	Specialist study	15 (A)
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1 Preliminary and General 2/22,8/44 1 2 Contingencies 2269,062 GN Ndinannyi Kenneth Singo	22690,62	al 1	Sub Tota					
IGN Ndinannyi Kenneth Singo	2722,8744	actor 2		8744	2722,		Preliminary and General	1
IGN Ndinannyi Kenneth Singo	2269,062		69,062	220			Contingencies	2
	27682,56	al 2					·	
	37371,45	5%)	VAT (15					
Grand Total	65054	otal	Grand T					

Appendix I: IMPACT MANAGEMENT OUTCOMES

ACTIVITY	POTENTIAL	ASPECTS	PHASE	MITIGATION TYPE	STANDARD TO
(Whether listed or not listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	IMPACT (Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc.)	AFFECTED	In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure)	(modify, remedy, control, or stop) Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation)	BE ACHIEVED (Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.
	ЕМР	Project Management	Planning	 A finalized EMP must address all authorization conditions stipulated by the DEA (and other commenting authorities). The EMP should also encompass all environmental impact mitigation measures as identified in the final BAR. 	MPRDA & NEMA
Planning and Project Management	Appointment of Environmental Officer	Project Management	Planning	Royal M Coal (Pty) Ltd environmental geologist will serve as the Environmental Officer (EO) during construction, given the short duration of construction and the low significance impacts which are envisaged. Royal M Coal (Pty) Ltd environmental geologist will be responsible for monitoring the compliance of the construction workers and employees on site with the EMP and ensure their co- operation.	MPRDA & NEMA
	Permits and Permissions		Planning	 TheEndumeni Local Municipality must ensure that all licensing, permits or certificates required for the project are 	

			obtained and in place prior to the commencing of any construction activities on site.	
Emergenc	, Safety and health	Planning	Plan all emergency responses including:	MPRDA & NEMA

ACTIVITY	POTENTIAL	ASPECTS	PHASE	MITIGATION TYPE	STANDARD TO
(Whether listed or not listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	IMPACT (Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc.)	AFFECTED	In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure)		BE ACHIEVED (Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.
	Response Planning	personnel on site		 Response procedures to fires, explosions, or any accidents that will require rapid medical responses; and Responses to community and stakeholder concerns and communication procedures with potentially affected parties (I&AP). 	
	Project Schedule	Undertaking the project in a timeous manner	Planning	 Plan and develop a construction sequence to alleviate noise generation during the construction phase. 	N/A
	Method Statement	Project Management	Planning	Ensure that a method statement has been compiled and submitted to the Site/Construction manager.	N/A

G	Grievances	Project Management	Planning	Develop grievance mechanisms for the recording and management of complaints and grievances specifically including (but not limited to) grievances from those living in the area.	N/A
	Records and Administration	Project Management	Planning	 Ensure the following are up to date and available on site: A complaint registers. An approved method statements. Copies of the EMP. 	

ACTIVITY	POTENTIAL	ASPECTS AFFECTD	PHASE	MITIGATION TYPE	STANDARD TO
(Whether listed or not			In which impact is	(modify, remedy, control, or stop)	BE ACHIEVED
listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	(Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc.)		anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure)	Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation)	(Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.
				 Environmental Permits and authorizations. Copies of weekly checklists, compliance reports, incidence 	
				reports and corrective action reports.	
				Photographs of areas of concern (photos of non- compliance areas as well corrective action).	
				Attendance registers of environmental awareness training.	
				• Where possible, the contractor must make use of local labour in support of the local economy.	Basic Conditions of
	Recruitment of Labour	Project Management	Planning	• Advertise employment opportunities adequately, so as not to limit application opportunities.	Employment Act, No. 75 of
				• Implement a transparent process of recruiting construction staff, following pre-established and accepted criteria.	1997 (as amended)
PRE-DRILLING/ EXPLOR A	TION			· · · · · · · · · · · · · · · · · · ·	
	Site establishment	Project Management	Planning	The Contractor must, in agreement with the Construction Manager, decide upon an area for the location of a construction camp. The construction camp should be properly demarcated and fenced, and be adequately sized, with sufficient space for site offices, construction vehicles, equipment, material and waste storage areas	

ACTIVITY	POTENTIAL	ASPECTS AFFECTED	PHASE	MITIGATION TYPE	STANDARD TO
(Whether listed or not listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	IMPACT (Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination groundwater contamination air pollution etc.)		In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure)	(modify, remedy, control, or stop) Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation)	BE ACHIEVED (Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.
				 The construction camp must be in an area with minimal damage or disturbance to the environment. Establish 'NO-GO' areas- where no construction personnel, equipment/machinery or vehicles are permitted. Any identified Environmental Sensitive or important areas should be designated as 'NO-GO' areas. 	
	Site Housekeeping	Project Management	Planning	The construction camp should always be kept clean and orderly.	

	Ablution Facilities	Project Management	Planning	 Enough toilet facilities should be provided near construction camp. The toilets should be properly covered and ventilated and should contain hand washing facilities. Portable toilets should be properly secured to the grounds to avoid toppling in the case of a wind/storm event. Ensure that all toilets function properly and are in a hygienic state. The toilets should be cleaned and emptied regularly. Ensure that there are no spillages when toilets get cleaned and emptied. Urination on site should be strictly prohibited. 	
ACTIVITY (Whether listed or not listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	POTENTIAL IMPACT (Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc.)	ASPECTS AFFECTED	PHASE In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure)		STANDARD TO BE ACHIEVED (Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.

Site establishment activities (-ve) _ Vegetation clearance _ Topsoil stripping & stockpiling _ Drill pad compaction	Cultural and Heritage	Destruction or loss of Cultural and Heritage Resources: No cultural/heritage artefacts have been identified on site	Construction / Set_up	•	Environmental Permits and authorizations. Copies of weekly checklists, compliance reports, incidence reports and corrective action reports.	Heritage Act
_ Erection of office, toilets, fuel storage (if	Noise	Noise Generation	Construction / Set_up		Photographs of areas of concern (photos of non-compliance areas as well corrective action).	sans 10103
not by road tanker), water tanker, core storage	Visual	Visual intrusion	Construction / Set_up		Attendance registers of environmental awareness training.	N/A
_Vehicle movements _Waste management	Traffic	Increase in traffic volumes in the vicinity of the drilling site	Construction / Set_up	•	Traffic signs to be put around the site to notify motorist of the activities Construction vehicles to make trips on/off site only when necessary	National Traffic Act Regulations

ACTIVITY	POTENTIAL	ASPECTS AFFECTED	PHASE	MITIGATION TYPE	STANDARD TO
(Whether listed or not listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	IMPACT (Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc.)		In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure)	 (modify, remedy, control, or stop) Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation) 	BE ACHIEVED (Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.
				 Construction vehicles to adhere to local speed limits as far as possible when driving in around site 	
	Signage	Traffic volumes, safety	Construction / Set_up	 The construction management needs to communicate the commencement and duration of construction activities to the community. Clear signage needs to be put up to make and keep the community awareness of construction activities so as to prevent any hazardous occurrences. Provide adequate safety warning signage on the roads. 	National Traffic Act Regulations

	Dust fall	Dust fall & nuisance from activities	Construction / Set_up	separation of distance of minimorn soon, bot preferably	R. 827 A: AQA)
	Soil and vegetation	The potential impact of the proposed prospecting on the	Construction / Set_up	 The soil disturbance and clearance of vegetation at drill pad areas will be limited to the absolute minimum required; No clear scraping (dozing) be carried out unless absolutely necessary to establish a level drill pad. 	
ACTIVITY (Whether listed or not listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	POTENTIAL IMPACT (Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc.)	ASPECTS AFFECTED	PHASE In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure)	(modify, remedy, control, or stop) Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.) BE AC (Impervised) Ievel: rehabilitation, design measures, blasting trehabilitation, alternative activity etc.)	ded, noise Is, dust

	Vegetation would occur at proposed drilling sites and the access routes used to get to these sites.		•	Rather that surface vegetation is cleared to make way for the drilling rig leaving the roots intact so that vegetation can coppice and regrow; and Disturbed areas will be re-vegetated with locally indigenous species as soon as possible.	
Animal life	Animal life will be affected in the immediate vicinity of the drilling rig. It is anticipated that the noise and general activity will keep the animal life away from the site while the prospecting is ongoing.	onstruction/ Set_up	•	Environmental awareness training sessions should be part of the workers' induction and site workshops; and If any animals are encountered, they must not be killed or injured, but should rather be removed or chased away from the site with the assistance of an animal specialist	NEMBA
Social	Friction Co	onstruction /		All operations will be carried out under the guidance of a strong,	NEMA

ACTIVITY	POTENTIAL	ASPECTS AFFECTED	PHASE	MITIGATION TYPE	STANDARD TO
(Whether listed or not			In which impact is	(modify, remedy, control, or stop)	BE ACHIEVED
listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	(Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc.)		anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure)	Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation)	(Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.
		between residents/landown ers and construction personnel	Set_up	 experienced manager with proven skills in public consultation and conflict resolution; All prospecting personnel will be made aware of the local conditions and sensitivities in the prospecting area and the fact that some of the residents may not welcome the prospecting activities in the area; There will always be a strict requirement to treat residents with respect and courtesy. 	
	Job creation	Employment will be created for the clearing of the land and establishing the drilling site.	Construction/ set-up	No mitigation measures required.	NEMA

	Storage and Disposal of Waste	Safety and aesthetic/ visual aspects of the property, as well	Construction/ set-up & Operation	 Litter generated by construction workers must be collected in containers that are clearly labelled and disposed of weekly at registered waste disposal sites. Sufficient weather- and vermin- proof bins should be placed on site for the disposal of solid waste. Littering on site should be 	National Waste Act
ACTIVITY (Whether listed or not listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	POTENTIAL IMPACT (Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc.)	ASPECTS AFFECTED	PHASE In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure)	MITIGATION TYPE (modify, remedy, control, or stop) Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation)	STANDARD TO BE ACHIEVED (Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.
		As waste disposal practices.		 Strictly prohibited. The burning of waste on site should also be prohibited. All waste generated from construction activities (building rubble, solid and liquid waste etc.), should be disposed of as frequently at an appropriately licensed refuse facility. Minimize waste generation, e.g. by providing re-usable items and refillable containers (e.g. for drinking water) and adopt a 'cradle to grave' responsibility for wastes. Comply with legal requirements for waste management and pollution control and employ "good housekeeping" and monitoring practices. 	

	Hazardous Waste	Safety and aesthetic/visual aspects of the property, as well as waste disposal practices.	Construction/ set-up & Operation	 Any hazardous waste that may be generated should be separated from general waste and stored in clearly marked and properly sealed secondary containers. Any hazardous waste generated should be disposed of accordance with the Hazardous Chemical Substances Regulations, 1995 (Regulation 15). 	National Waste Act
	Spills and	Safety and	Construction/ set-up	Any equipment that is leaking should be temporarily	National
ACTIVITY (Whether listed or not listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	POTENTIAL IMPACT (Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc.)	ASPECTS AFFECTED	PHASE In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure)	MITIGATION TYPE (modify, remedy, control, or stop) Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation)	STANDARD TO BE ACHIEVED (Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.
	Leaks	Aesthetic/ visual aspects of the property, as well as waste disposal practices.	& Operation	 Decommissioned and removed from the construction site, to a surface with an impermeable surface and wastewater collection system. Spill response kits must be readily available and accessible to all personnel on site. 	Waste Act
	PPE			Ensure that all persons on site use Personal Protective Equipment (PPE) at all times, this including safety boots, safety vests, protective masks etc.	Employment Act

	Illegal Fires			Ensure that no fires are ignited on site unless required for construction purposes, in which case the EC should designate areas for the fires. The designated areas should be as far as possible from vegetation.
	Erosion	The properties of the receiving environment, and ensuring that the ground is not susceptible to	Construction/ set-up & Operation	 Ensure that erosion management and sediment controls are strictly implemented from the beginning of site clearing activities. All topsoil stockpiles (if any) must be protected against wind, erosion and seeds, i.e. by use of shade cloth or netting. Topsoil stockpiles should not exceed 2 meters in height.
ACTIVITY (Whether listed or not	POTENTIAL IMPACT	ASPECTS AFFECTED	PHASE In which impact is	MITIGATION TYPE STANDARD TO (modify, remedy, control, or stop) BE ACHIEVED
listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	(Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc etc)		anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure	Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation)
		Erosion beyond that which can be rehabilitated.		
EXPLORATION				

Exploration drilling (ve) _ Drilling _ Drill maintenance & refuelling _ Core sample collection & storage _ Vehicle movements _ Waste generation &	Noise	Noise Generation	Operations	activities of Saturdays holidays; Separatio 1000m to dwellings; on diesel and If intrusive any point, practical,	tion/setup, operational and decommissioning will be limited to daylight hours on Mondays to s and no activities on Sundays and public on of distance of minimum 500m, but preferably be maintained between drill sites and to Noise abatement equipment, such as mufflers engines, will be maintained in good condition; e noise levels are experienced by any person at t, the source of the noise will be moved if or it will be placed in an acoustic enclosure, or tic barrier will be erected between the source ecipient.	Heritage Act
management	Visual	Visual intrusion	Operations	site will be	g rig and other visually prominent items on the e in consultation with the landowner; e of existing vegetation as far as possible to e	SANS 10103

ACTIVITY	POTENTIAL	ASPECTS AFFECTED	PHASE	MITIGATION TYPE	STANDARD TO
(Whether listed or not	IMPACT		In which impact is	(modify, remedy, control, or stop)	BE ACHIEVED
listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant,	(Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination,		(E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure	Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.)	(Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.
storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	groundwater contamination, air pollution etc.)			prospecting operations from view; and If necessary, the operations can be screened from view	
				by erecting a shade cloth barrier.	
	Traffic	Increase in traffic volumes near the drilling site	Operations	Traffic signs to be put around the site to notify motorist of the activities Construction vehicles to make trips on/off site only when necessary Construction vehicles to adhere to local speed limits as far as possible when driving in around site	N/A
	Dust fall	Dust fall & nuisance from activities	Operations	Wet suppression will be applied to ensure that no visible dust is raised by any of the prospecting operations; Separation of distance of minimum 500m, but preferably 1000m to be maintained between drill sites and dwellings; and	National Traffic Act Regulations

	Soil and vegetation	Soil and vegetation disturbance	Operations	 Low vehicle speeds will be enforced on unpaved surfaces. The soil disturbance and clearance of vegetation at drill pad areas will be limited to the absolute minimum required; No clear scraping (dozing) be carried out unless necessary to establish a level drill pad. Rather that surface 	GN R. 827 (NEM: AQA)
ACTIVITY (Whether listed or not	POTENTIAL IMPACT	ASPECTS AFFECTED	PHASE	MITIGATION TYPE	STANDARD TO
listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	(Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc.)		In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure)	(modify, remedy, control, or stop) Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation)	BE ACHIEVED (Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.
		from drill pad preparation		vegetation be cleared to make way for the drilling rig leaving the roots intact so that vegetation can coppice and regrow; and	
				 Disturbed areas will be re_vegetated with locally indigenous species as soon as possible. 	

	Animal life	Animal life will be affected in the immediate vicinity of the drilling rig. It is anticipated that the noise and general activity will keep the animal life away from the site while the prospecting is ongoing.	Operations	Measures implemented during site establishment should apply in this phase as well.	NEMBA
	Social	Friction between	Operations	All operations will be carried out under the guidance of a strong,	NEMBA
ACTIVITY	POTENTIAL	ASPECTS AFFECTED	PHASE	MITIGATION TYPE	STANDARD TO
(Whether listed or not			In which impact is	(modify, remedy, control, or stop)	BE ACHIEVED
listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	(Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc.)		anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure	Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation)	(Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.

	Job creation	residents/landown ers and construction personnel Employment will be created for the clearing of the land and establishing the	Operations	 experienced manager with proven skills in public consultation and conflict resolution; All prospecting personnel will be made aware of the local conditions and sensitivities in the prospecting area and the fact that some of the residents may not welcome the prospecting activities in the area; There will be a strict requirement to treat residents with respect and courtesy always. 	Basic Conditions of Employment Act, No. 75 of 1997 (as
DECOMMISSIONING AN Rehabilitation of the drill sites and	D REHABILITATION Removal of construction structures	drilling site.	Rehabilitation	 Clear and completely remove from site all construction plant equipment, storage containers, signage, temporary fencing, temporary services, fixtures and any other temporary works; 	amended) NEMA

ACTIVITY	POTENTIAL	ASPECTS AFFECTED	PHASE	MITIGATION TYPE	STANDARD TO
(Whether listed or not listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc.).	IMPACT (Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc.)		In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure)	(modify, remedy, control, or stop) Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc.)	BE ACHIEVED (Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.
surroundings		Not impacted on any further, by dismantling machinery and equipment appropriately.		 and Ensure that all access roads utilized during construction (which are not earmarked for closure and rehabilitation) are returned (as far as possible) to their state prior to construction. 	
	Waste and Rubble Removal	Visual aspects by preventing any further pollution.	Rehabilitation	 Clear the site of all inert waste and rubble, including surplus rock, foundations and batching plant aggregates. Load and haul excess spoil and inert rubble to fill in borrow pits / dongas or to dump sites indicated / approved by an environmental control specialist Remove from site all domestic waste and dispose of in the approved manner at a registered waste disposal site. 	National Waste Act

ACTIVITY Whether listed or not listed). (E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads,	Solid & Hazardous Waste POTENTIAL IMPACT (Including the potential impacts for cumulative impacts) (E.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution	ASPECTS AFFECTED	PHASE In which impact is anticipated (E.g. Construction, commissioning, operational, Decommissioning, closure, post-closure)	 Store hazardous waste as indicated on the approved Environmental Management Plan (EMP). Dispose of all hazardous waste not earmarked for reuse, recycling or resale at a registered hazardous waste disposal site. Remove from site all temporary fuel stores, hazardous MITIGATION TYPE (modify, remedy, control, or stop) Through (E.g. noise control measures, storm-water control, dust control, rehabilitation, design measures, blasting controls, avoidance, relocation, alternative activity etc. etc) (E.g. Modify through alternative method. Control through noise control. Control through management and monitoring through rehabilitation) 	D TO /ED noise st tion s, end
pipelines, power lines, conveyors, etcetcetc.).	etc etc)				
				Substance stores, hazardous waste stores and pollution control sumps. Dispose of hazardous waste in the approved manner.	
				• Do not hose oil or fuel spills into a storm water drain or sewer, or	
				into the surrounding natural environment.	
				 Dispose of all visible remains of excess material when exiting the site. 	

Erosion protection	 Protect all areas susceptible to erosion and ensure that there is no undue soil erosion resultant from activities within and adjacent to the construction site. Retain shrubbery and grass species wherever possible. Perform regular monitoring and maintenance of erosion control measures.
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Appendix J: EAP CV

NDINANNYI KENNETH SINGO



Singo Consulting (Pty) Ltd

Private Bag X 7214, Postnet Suite 125, Witbank 1035 Office No. 16, First Floor (South Block), Corridor Hill Crossing, 09 Langa Crescent, Corridor Hill, eMalahleni, Witbank, 1040. Tel No.: 072-081-6682/078-2727-839 Fax No.: 086-514-4103

E-mail address:	<u>kenneth@singoconsulting.co.za</u>

Qualification	:	Ph.D. (Geology, Applied Environmental Mineralogy & Geochemistry)		
Institution	:	University of Johannesburg		
Year Obtained	:	Results issued, graduation date to be confirmed.		
PhD Project Title	:	In Search of the Possible Economic Potential, through Conceptual Study:		
		on Reclamation of Defunct Mine Residue areas for Development		
	Purpos	es: Case study of Musina Copper Mine, Giyani Louis Moore Gold Mine and		
		Zwigodini Nyala Magnesite Mine, South Africa		
Qualification	:	M.Sc. (Environmental Management)		
Institution	:	University of South Africa		
Year Obtained	:	2013		
Masters Project Title	:	An Assessment of Heavy Metal Pollution in the Vicinity of the Defunct		
		Copper Mine Dumps in Musina, South Africa		
Qualification	:	B.Sc. (Hons) Mining & Environmental Geology		
Institution	:	University of Venda		
Year Obtained	:	2008		
Honours Project Title	:	Structural Control on Kimberlite Pipes: A Case Study of Venetia Kimberlite		
		Pipe-K19, Venetia Open Cast Diamond Mine, South Africa		
WORK EXPERIENCE				
Company	:	Singo Consulting		
Position	:	Director/Principal Consultant		
Duration	:	9 August 2012TODATE		
Key Focus Area	:	Environmental Projects		

Technical work:

TERTIARY EDUCATION

- Environmental Impact Assessment
- Environmental Management Plans
- Social and Community Development Plans
- Geological (Exploration, Resource Estimation and Competency Report)
- Hydrological and Hydrology (Surface and Groundwater Studies)
- Soil Science (Soil profiling, Modelling and Soil Chemistry)
- Environmental Control Office

- Geotechnical (Soil and Rock)
- Mining Feasibility Studies

TRAINING COURSES

- > 17-19 April 2012: GSSA Drilling Methods & Techniques in Resource Exploration
- > 13-14 September 2012: GSSA Exploration Drill Site Safety
- > 3 May 2013: SHE Representative Training
- ▷ 6-10 May 2013: Witwatersrand University, A3 SHE Risk Assessment Management
- > 22 July 2013: AATCGS Geophysics 101: Basics of Geophysics and Its Application in Coal
- > 31 July 2013: Mentorship Training
- 14 April 2014: A2 Safety for Managers
- 13 May 26 June: Lump Ore Beneficiation (Basic Coal Preparation): Metallurgy G101-105, Colliery Training College, Witbank
- > 14-17 July 2014: Safety Leadership Programme
- > 6-8 Oct 2014: Understanding Coal Quality, ALS Witbank Training
- > 3-7 Nov 2014: Foundation for Leadership Programme
- > 3 Feb 2015: 4X4 Defensive Driving Training
- 1 May 2015: Assertiveness Awareness and Training
- 21-22 July 2016: Time Management Training

SYMPOSIUMS

- 29 July 2013: Presenter: 4th Prof Humphrey Memorial Post-Graduate Symposium, University of South Africa
- 11 November 2015: Presenter: Wits GSSA REI Colloquium: Economic Potential and Viability of reclaiming mine dumps in the Limpopo Provice.

CONFERENCES

LIST OF CONFERENCE PROCEEDINGS AND SYMPOSIUMS:

- > 26-28 November 2012: Aminergy Acid Mine Drainage South Africa Conference
- 10-12 March 2014: Presenter: SAICE 5th International Mining and Industrial Waste Management Conference
- > 29 Sept-3 Oct 2014: 9th International Mine Closure Conference, Sandton
- 16-17 March 2015: Workshop: South Africa Mining-Related Landscape* Rehabilitation Status Quo: Identifying Work Required to Close Current Knowledge gaps, WRC, Pretoria.
- > 8-11 Sept 2015: Land Rehabilitation Society of Southern Africa (LaRSSA): Mine rehab and biodiversity.
- N.K. Singo*, 2015. Wits GSSA REI Colloquium: Economic Potential and Viability of reclaiming mine dumps in the Limpopo Province. 11th November 2015, Witwatersrand University, Johannesburg, South Africa.
- N.K. Singo* and J.D. Kramers, 2016. Uranium as a potential health hazard as well as (even) an economic asset in the Louis Moore tailings dump, near Giyani, Limpopo Province. In symposium

Proceedings; 6th Mintek Analytical Symposium "The Environment", Mintek G4, Randburg, Johannesburg, South Africa, Friday 21st October 2016.

- N.K. Singo* and J.D. Kramers, 2017. Chrysotile (white asbestos) occurrence in the Nyala Magnesite Mine dumps and the soils around them, and its health implications to the community of Zwigodini Village, Limpopo Province. 5th Annual Conference. 1-4 August 2017, Resilient Landscapes in a Changing Climate.
- N.K. Singo* and J.D. Kramers, 2017. Unlocking the potential economic benefit of a tailings dump through resource modelling and estimation: SHE (safety, health, and environmental) issues and solutions. MineSafe 2017 Conference, Striving for zero harm (driving excellence through compliance), Emperors Palace, Hotel Casino Convention Resort, Johannesburg, 30–31 August 2017, The Southern African Institute of Mining and Metallurgy (SAIMM).

LIST OF PUBLICATIONS:

- N.K. Singo, and J.D., Kramers, 2017. Geochemical and Mineralogical Characterization of two low grade stockpiles (mine residue deposits): acid mine drainage vs neutral-alkaline mine drainage perspectives. A case study of the Musina (Copper) and Nyala (Magnesium) mines, South Africa.
- N.K. Singo, and J.D., Kramers, 2017. Preferred tailings retreatment approach to unlock value and create environmental sustainability of the Louis Moore tailings dump, near Giyani, South Africa.
- N.K. Singo, and J.D., Kramers, 2017. Copper tailings retreatment to deliver economic value with concurrent rehabilitation at the Musina mine, South Africa.

List of selected Projects current conducted and successfully completed (as a Lead EAP) Mining Permits, Mining Rights, Filling station and Prospecting Right:

Basic Assessment Report (BA) Mabeskraal (Tambootierand) Filling Station with a convenience store within a portion of portion 0 of the farm Tambootierand farm no.143., North West province.

DIVINE ENERGY HOLDINGS

Cell: 078 728 4021 012 771 6004 Fax: (+27) 86 514 4103 taderera@icloud.com

> Basic Assessment Report and Environmetal Management Programme Report in Respect of a Portion of Portion 01 of The Farm Elandslaagte 368 JS, Magisterial District of Middelburg, Mpumalanga Province

AARNOOT MINING (PTY) LTD

Tel No.: 079 024 2252 / 073 226 4578. E-mail address: kekanamolfs@gmail.com

> Establishment of Coal Mining Operation On the Farm Middelburg Town and Townlands, Farm 287 JS (Portion RE), in Middelburg, Mpumalanga Province

AC & S DISTRIBUTORS AND MINING SUPPLIES (PTY) LTD

Keiskamma Street, Rietfontein Farm 314, Portion 8 Private Bag X1838 Middelburg Mpumalanga 1050

- Environmental impact assessment report and environmental management programme Mining Right Report on Portion 10 of the farm Graspan 222 IS, situated in the Msukaligwa Local Municipality within the District of Gert Sibande in the Mpumalanga Province.
- Prospecting Right Application on Portion(s) 15 and 16 of the farm Spitzkop 333 KT under the magisterial district of Sekhukhune land, in Limpopo Province

MOBILE: +27 72 7276 041 FAX +27 (0) 086 5390 133 E: carbet.malapane@carbetandlaps.co.za

> Mining permit by Lence Holdings (Pty) Ltd for the proposed aggregate pit on Portion of the Remaining Extent of the Farm Njelepoort 193 MT, situated in the Magisterial District of Dzanani, Limpopo Province.

LENCE HOLDINGS (PTY) LTD

156 Klien Nieuw Muckleneuk Water Kloof 001811

> APPLICATION FOR MINING RIGHT, INTEGRATED WATER USE LICENSE AND ENVIRONMENTAL AUTHORISATION, ON DIFFERENT PORTIONS OF THREE FARMS: MOOIHOEK 168 HT, KLIPSPRUIT 136 HT,

LIPSPRUIT 138 HT FOR OPENCAST THAT WILL TRAMSFORM TO UNDERGROUND COAL MINE IN THE MAGISTERIAL DISTRICT OF PIET RETIEF, MPUMALANGA

LEZALELIHLOKOHLOKO MINING AND PROJECTS CC

CELL NO: 078 146 1436 FAX NO: 086 5144 103

> Prospecting Right Application for Chrome and Platinum Group Metals (PGMs) in all Portions of the Farm Droogekloof 471 KR, situated under the Magisterial District of Waterberg, Limpopo Province

VHARANANI MINING (PT)	Y) LTD		
TEL NO:	015 295 6085		
FAX NO:	015 295 6918		
POSTAL ADDRESS:	P.O.BOX 4546		
	POLOKWANE		
	0700		
PHYSICAL ADDRESS:	3A Schoeman Street		
	Polokwane		
	0699		

List of Projects:

List of Projects conducted and successfully completed as Environmental Control Officer (ECO) in mining Permits.

Client Name	Contract Start date (dd/mm/yyyy)	Contract End date (dd/mm/yyyy)	*Contact Person	Contact Person's phone number(s) and Email Address
CoalX-Balmoral	28-02-2018	Ongoing	Rian Telma	H Mduza <u>bramduza@icloud.com</u> Riaan CoalX <riaan@coalx.co.za></riaan@coalx.co.za>
New Venture Mining	23-4-2017	Ongoing	Mr. GB Simelane	076 246 3677 simelanegb@gmail.com, simelane@jaments.co.za
Veralli Mineral	1-8-2017	Ongoing	Mr. Rambauli TJ	<u>irambauli@yahoo.com</u> 073 501 2819
Benicon Mining	1-10-2018	Ongoing	Mr Gavin Kotzen	<u>ak@karoup.co.za</u> 083 626 4555 017 647 1047





LAND REHABILITATION SOCIETY OF SOUTHERN AFRICA

LAND REHABILITATION SOCIETY OF SOUTHERN AFRI

hereby certifies that

Mr Ndinannyi Kenneth Singo

is a fully paid-up member of the Society having all the rights and privileges of a

Associate Member

Membership ID:

On behalf of the Executive Council

President of the Society Date Joined: 10 June 2015

Vice President of the Society Expiry date: 26 February 2020

SACT South African Council for N	Vatural Scientific Professions				
Ndinannyi K	ertifies that enneth Singo mber: 400069/16				
-	ered as a atural Scientist				
in terms of section 20(3) of the Natu (Act 27 of in the following fields(s) of pra Earth S	actice (Schedule 1 of the Act)				
Effective 9 March 2016	Expires 31 March 2020				
Botha Ryny					
Chairperson	Chief Executive Officer				

Scan this code to view online version of this certificate

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We certify that

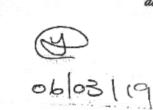
NDINANNYI KENNETH SINGO

having complied with the requirements of the Higher Education Act and the Institutional Statute, was admitted to the degree of

MASTER OF SCIENCE

in Environmental Management

at a congregation of the University on 14 October 2013



Mr. Hallanya

Vice-Chancellor

University Registrar



M. 1.

Executive Dean

G05491

University of Venda



This is to Certify that the Degree of

Bachelor of Earth Sciences in Alining and Environmental Geology

was Awarded to

SINGO NDINANNYI KENNETH

at a Ceremony held on the

in Accordance with the Provisions of the Act and Statute

06/03/19

Dice Chancellor

