



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).

NAME OF APPLICANT: AMOGELANG LOGISTICS CC

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FILE REFERENCE NUMBER SAMRAD: FS 30/5/1/1/2/10429 PR

1. 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 Authorisation 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 authorisation 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 Authorisation 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 un-interpreted information and that it unambiguously represents the interpretation of the applicant.

2. 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—
 - (aa) can be reversed;
 - (bb) may cause irreplaceable loss of resources; and
 - (cc) 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.

PART A
SCOPE OF ASSESSMENT AND BASIC ASSESSMENT REPORT

3. Contact Person and correspondence address

a) Details of

i) Details of the EAP

Name of The Practitioner: Tshifularo Gregory Ngoma

Tel No.: 079 912 6434

Fax No. : 086 577 8970

e-mail address: tshifularo.ngoma@yahoo.com

ii) Expertise of the EAP.

(1) The qualifications of the EAP

(with evidence).

The EAP has a Bachelor of Environmental Sciences Degree (Honours)

(2) Summary of the EAP's past experience.

(In carrying out the Environmental Impact Assessment Procedure)

The EAP has over 7 years in the mining industry and has done the following:

- Applications for Prospecting Rights, Mining Rights and Mining Permits
- Consultations and Public Participations
- Environmental Management Plans
- Basic Assessments, WULA Reports
- Water Use Licence Applications
- Waste Use Licence Applications
- Soil Assessment, specialist studies
- Environmental Authorisations

See attached CV/Annexure D.

b) Location of the overall Activity.

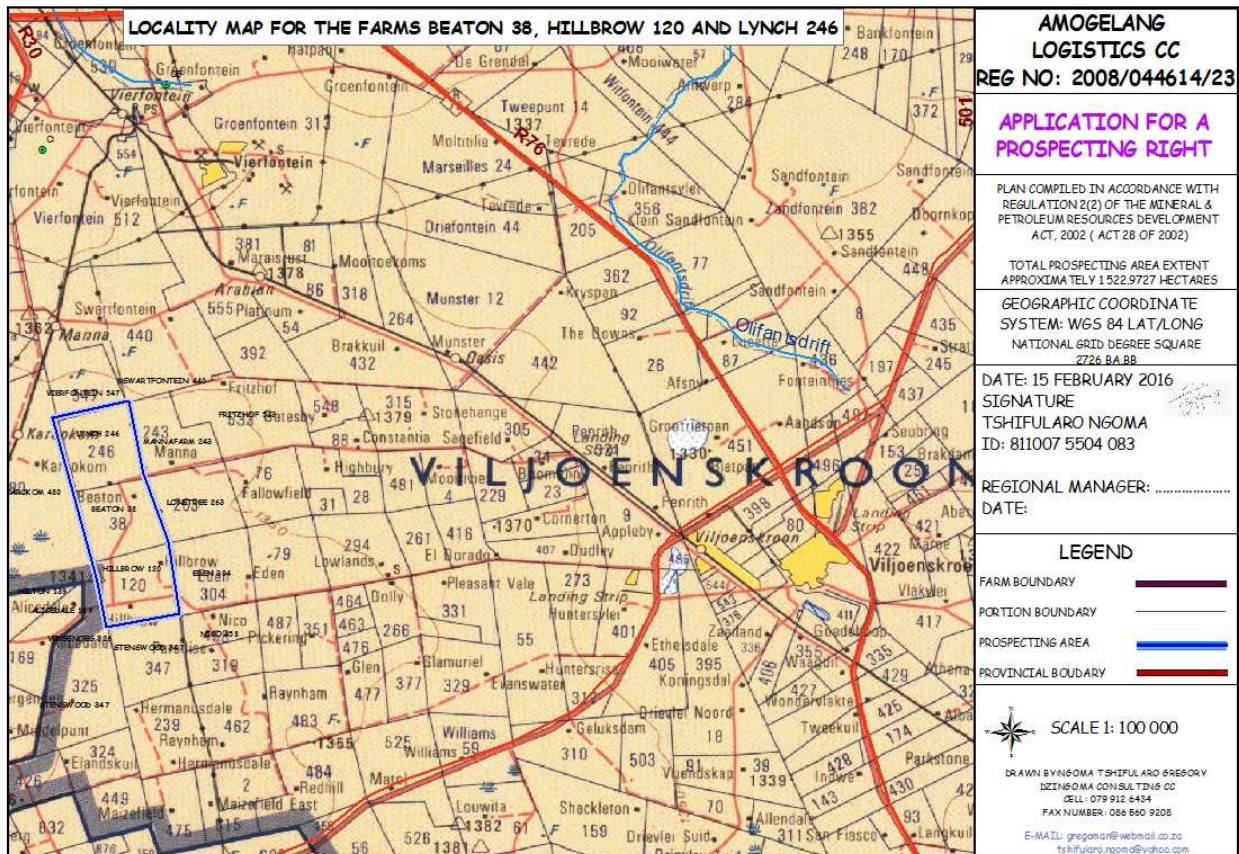
Farm Name:	Beaton 38, Hillbrow 120 and Lunch 246
Application area (Ha)	1 522.9727 Ha
Magisterial district:	VILJOENSKROON
Distance and direction from nearest town	About 20 KM West of Viljoenskroon Town west on the R501 Road.
21 digit Surveyor General Code for each farm portion	F03600000000003800000 F03600000000003800001 F03600000000003800002 F03600000000012000000 F03600000000012000001 F03600000000024600000 F03600000000024600001 F03600000000024600002

c) Locality map

(show nearest town, scale not smaller than 1:250000). See Annexure A

The centre coordinates of the farm is X = 26.750031 and Y = -27.194278. The farms lie on the 1:50 000 Map sheet No 2726 BA and 2727 BB or 1:250 000 sheet S2726.

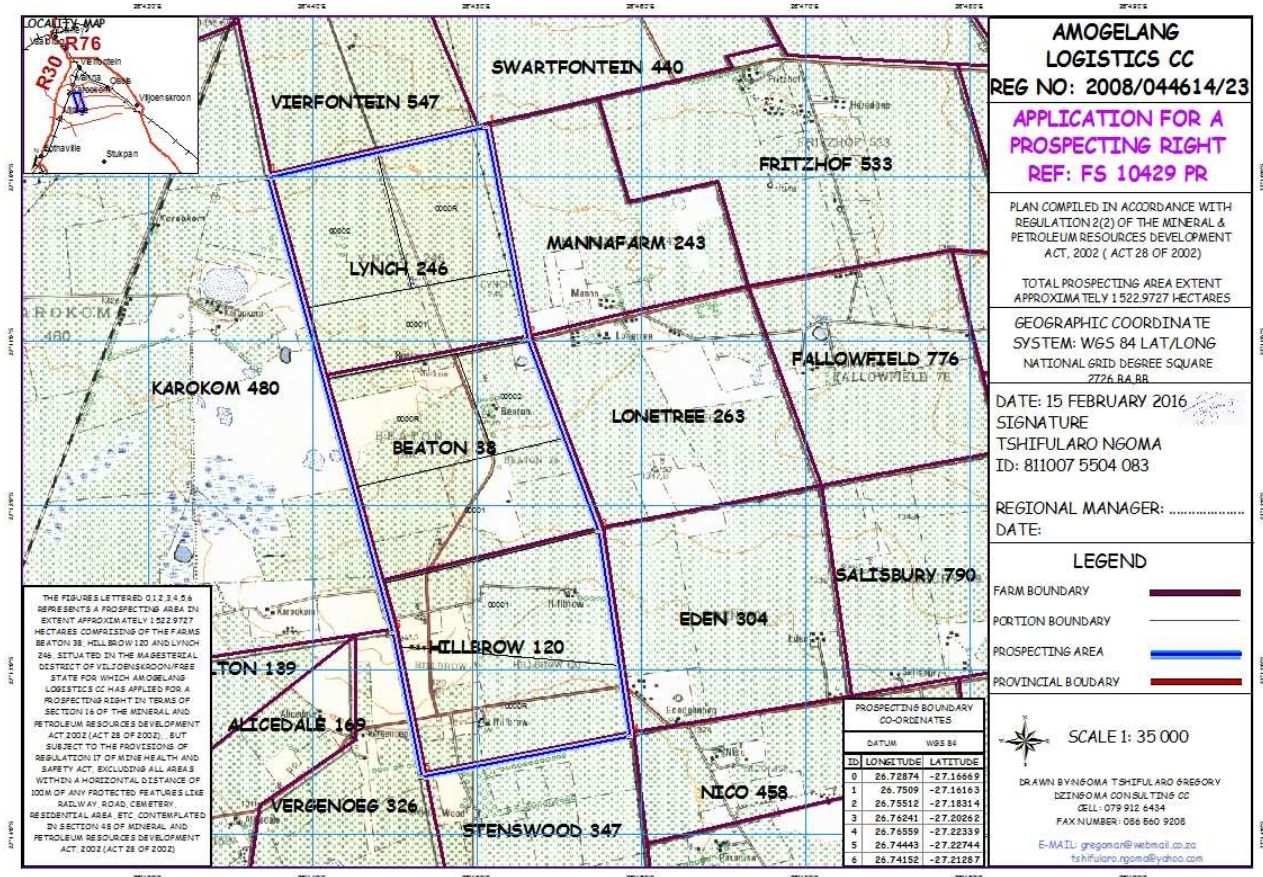
Refer to appended Locality Map



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 1: Regulation 7 (1) (B): Plan contemplated in regulation 2(2) showing the land to which the application relates.



Prospecting right application in terms of proposed drilling on the farms Beaton 38, Hillbrow 120 and Lynch 246 situated in the magisterial district of Viljoenskroon, Free State Province. In terms of the National Environmental Management Act, (Act no 07 of 1998); where as per the EIA Regulations of 04 December 2014 as ammended by the Minister of National Environmental Affairs, the below listed activity will apply:

Listing Notice 1. GNR. 983, Activity 20:

Any activity including the operation of that activity which requires a prospecting right in terms of section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No.28 of 2002), including associated infrastructure, structures and earthworks, directly related to prospecting of mineral resoures, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).

Description of the activities

Activity no 20 will be undertaken which only concentrate on the prospecting without any bulk sampling. Activities such as: Drilling, Core Logging and Core Sampling

Listed and specified activities

NAME OF ACTIVITY (E.g. For prospecting - drill site, site camp, ablution facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc E.g. for mining;- excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablution, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)	Aerial extent of the Activity Ha or m ²	LISTED ACTIVITY Mark with an X where applicable or affected.	APPLICABLE LISTING NOTICE (GNR 544, GNR 545 or GNR 546)
Drilling Boreholes			GNR 983
Core Sampling			GNR 983
Core Storage			GNR 983

(i) 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)

The company intends to undertake a prospecting work program which includes the following activities:

Phase 1 (Month 1 - 12)

Desktop studies: This will include a study of historical geological data for the commodities of interest.

Reconnaissance Mapping: Geological Mapping of the area using historical data and satellite photography;

Geochemical surveys: this involves the sampling of rock chips or surface samples to understand the geochemical make-up of the rocks and the mineralization potential;

All the specialist studies including but not limited to Geohydrological studies, Botanical Studies and/or Heritage Impact studies will be conducted during the first year of the right before prospecting commences.

Phase 2 (Month 13 to 24)

Percussion drilling: stratigraphic data will be obtained through drilling of boreholes; It is estimated that; drilling of 10 boreholes to an average depth of 150 meters on a Wide Grid.

Rehabilitation will be done concurrently.

Phase 3 (Month 25 to 36)

Infill drilling of a further 10 boreholes to an average depth of 150 meters on a narrow grid to further establish the resource.

Geological Analysis: Ongoing office based mapping of information collected in the field. Ongoing data analysis to guide and prioritize prospecting activities.

Rehabilitation will be done concurrently.

Phase 4 (Month 37 to 60)

Feasibility Study

Desktop study of geological reports, drilling results, resource estimations and market research

Mine Planning and Possible Mine Infrastructure and designs

Environmental Impact Assessments

Plan of the main activities with dimensions

Surface Plan Depicting the planned location of Planned Geological Core Boreholes

Figure 2: Proposed boreholes positions and coordinates

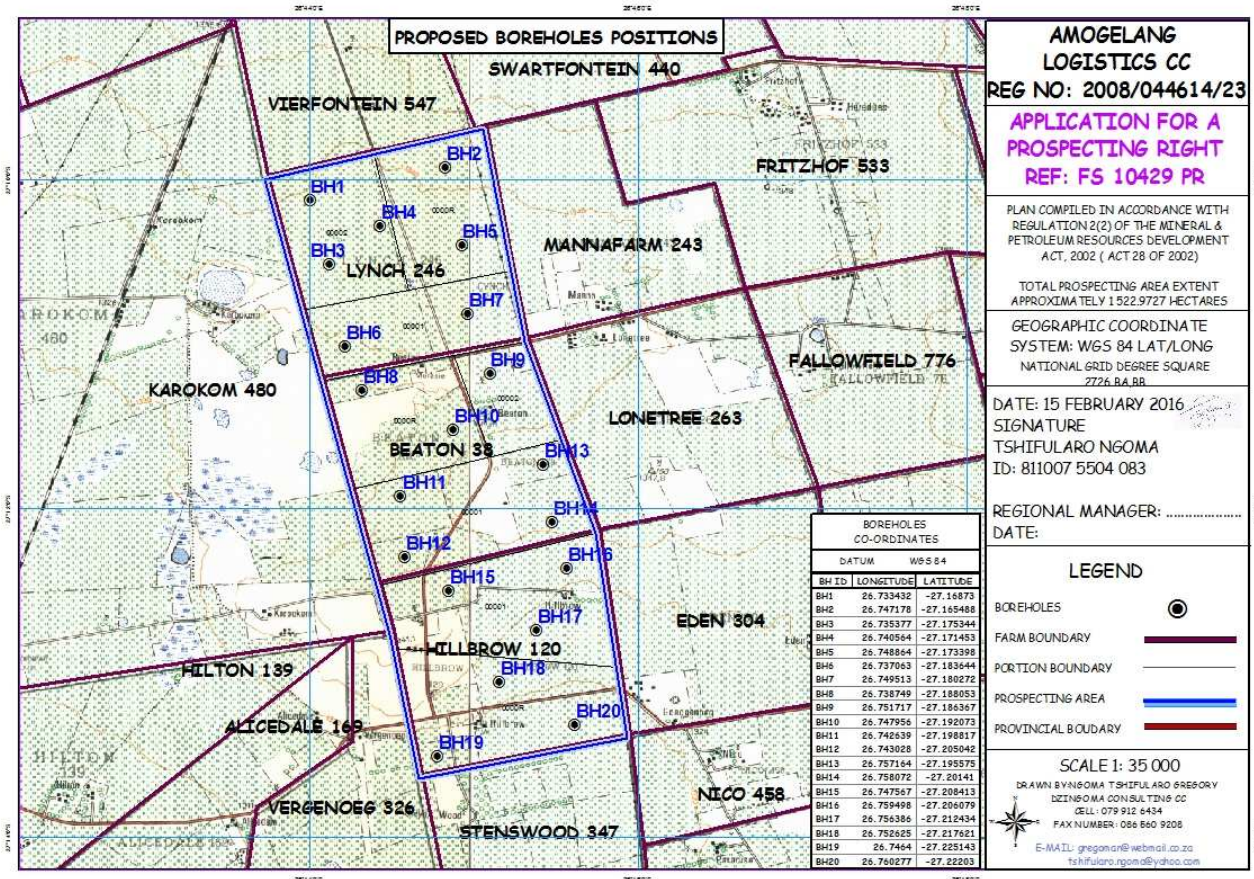
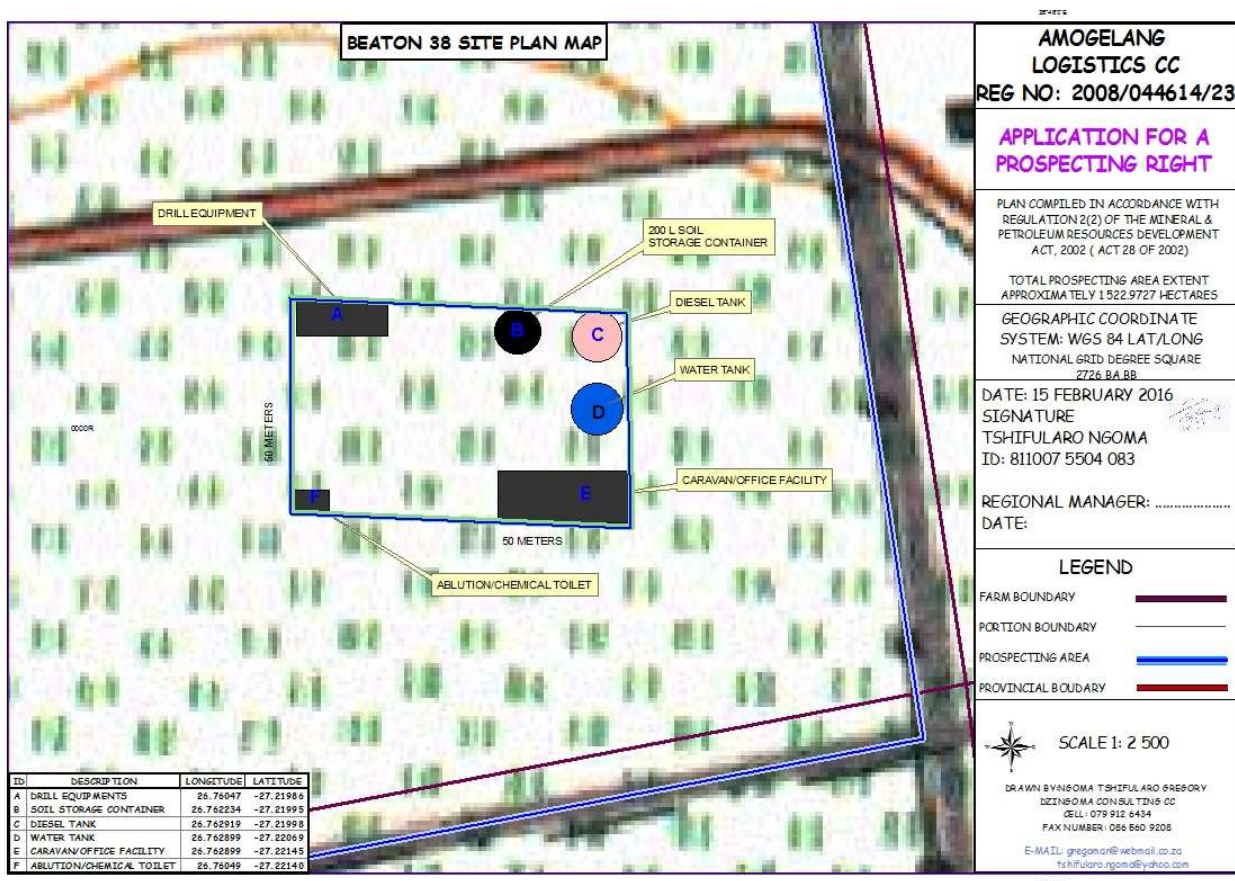


Figure 3: Proposed site map plan and coordinates is also attached.



- Water tanker with the capacity of 2000 Litres will be used and will be sufficient for prospecting activities.
- Diesel tank with 1000 litres capacity will be used
- Soil storage container for top soil will be used.

Description of construction, operational, and decommissioning phases.

The Constraction Phase

The construction phase of the Geological drilling phases in year 2 and Year 3 entails the following arrangements to be finalised with the surface owner:

1. Access arrangements to be finalised with the surface owners
2. Arrangements for a camping site where the contractor can erect a temporary drilling camp that can host 5 drilling operators and earth moving driver.
3. No roads need to be constructed to gain access to the drilling sites.
4. Pegging of borehole drilling positions at least 100m from waterways and wetland areas

The Operational Phase

The operational phase of drilling Geological core boreholes is scheduled over a period of about 3 Months on an annual basis.

The drilling of Geological core boreholes entails the digging of water circulation sumps of approximately 1mx1m and 0.5m deep next to every drilling position. The geological core is packed in 10m rows on PVC Sheeting.

Once the borehole is completed, every borehole is rehabilitated once the Geologist mapped and sampled the resource intersections.

Rehabilitation of every drill site includes the following actions:

- a) Replacing unused core in the borehole
- b) Replacing the soil in every hole from at least 2m below surface in order to allow ploughing in the land after drilling was completed.
- c) Returning all the overburden to trenches/excavations and levelling the fields.
- d) Ensure the removal of undue oil from the drilling machine when borehole was completed.

Decommissioning and Closure Phase

The decommissioning phase is taken to begin once all required Geological core drilling was completed. A period of one week is allowed to conduct the activities of the decommissioning phase and closure phase. The activities are scheduled in the order as described below:

- Removal of all unwanted material from site
- Cleaning of the drill camp area.
- Disestablishment of drilling equipment from the site.

Post Closure Monitoring

The area will be inspected after drilling is completed by a Geologist and Environmentalist to ensure that:

- All Geological borehole sites is properly rehabilitated and left in an acceptable state
- Ensure the removal of undue oil from the drilling machine when the boreholes were drilled.

Camp site is well cleaned and left in an acceptable status.

e) Policy and Legislative Context

<p>APPLICABLE LEGISLATION AND GUIDELINES USED TO COMPILE THE REPORT</p> <p>(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)</p>	<p>REFERENCE WHERE APPLIED</p>	<p>HOW DOES THIS DEVELOPMENT COMPLY WITH AND RESPOND TO THE LEGISLATION AND POLICY CONTEXT.</p> <p>(E.g. In terms of the National Water Act a Water Use License has/ has not been applied for)</p>
<p>The South African Constitution The South African Constitution (Act 108 of 1996) constitutes the supreme law of the country and guarantee the right of all people in South Africa. Furthermore, the Bill of Rights (Chapter 2- Section 24 (a) (b) under the South African Constitution (Act 108 of 1996) emphasize that “Everyone has the right (b) to have the environment protected, for the benefit of present and future generations, through reasonable legislative and other measures that- (i) Prevent pollution and ecological degradation; (ii) Promote conservation; and (iii) Secure ecologically sustainable development and use of natural resources while promoting justifiable economic and social development”</p>	<p>Applied at potential impacts identification as well as mitigation measures and public participation</p>	<p>A public participation process was followed and consultations were done regarding the proposed project. An EMP and awareness plan has been designed according to the issues raised during this process</p>
<p>National Environment Management Act The NEMA (Act No.107 of 1998) amended Dec 2014 is regarded as one of the important pieces of general environmental legislation as it provides a framework for environmental law reform. The main objective of this act is to ensure that ecosystem services and biodiversity are protected and maintained for sustainable development. Furthermore, Section 28 (1) of the NEMA requires that “every person who has caused or may cause significant pollution or degradation of</p>	<p>Environmental Impact Assessment</p>	<p>Baseline environmental information of the project area will be assessed. Mitigation measures and recommendations were provided according to the best practice standards.</p>

the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing or recurring”.		
Mineral and Petroleum Resources Development Act	The prospecting area requires a prospecting application and environmental authorisation from the Department of Mineral Resources	The prospecting right application was lodged with the DMR
National Environmental Biodiversity Act The National Environmental Management Biodiversity Act (NEM:BA), 204 (Act No.10 of 2004), provides for: (i) The management and conservation of South Africa’s biodiversity within the framework of the National Environmental Management Act, 1998; (ii) the protection of species and ecosystems that warrant national protection; (iii) the sustainable use of indigenous biological resources; (iv) the fair and equitable sharing of benefits arising from bio prospecting involving indigenous biological resources; (v) the establishment and functions of a South African National Biodiversity Institute;	Baseline review of biodiversity	SANBI database will be used to determine conservancy status as well as mitigation measures for alien invasive species encroaching the project area
National Environmental Management: Air Quality Act, 2004 (Act No.39 of 2004);	Dust monitoring onsite during the operation	As part of SHE dust monitoring will be done on site. The area is designated as industrial.
Mine Health and Safety Act, 1996 (Act No.29 of 1996);	Health and Safety Policy	Risk Impact Assessment to be conducted

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).

South African economy heavily relies on the Mining Sector. Successful prospecting of coal will boost the current struggling national economy as the project will advance to mining phase. The mining industry has provided more employment opportunities for the citizens in general. The citizen of Free State Province will be awarded more employment opportunities. The project will also assist with fulfilling the need of coal to Eskom's Power Stations. The project is in line with IDP, SDF, EMF and PDP. There is no reason why this development should not be considered at this particular point in time considering the growing demand of electricity in South Africa.

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

The motivation for the overall preferred side is the high probability of getting the coal resource in the area. According to the geological maps and various literatures from the Council for Geoscience, the farms Beaton 38, Hillbrow 120 and Lynch 246 are located within the Vierfontein coal field belt. Mapping and drilling will be done using recent and advanced machinery to enhance the recovery process. The area is generally flat and therefore Truck mounted diamond bit drilling machine will be used.

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.

i) Details of the development footprint alternatives considered.

With reference to the site plan provided as Appendix 4 and the location of the individual activities on site, provide details of the alternatives considered with respect to:

- (a) the property on which or location where it is proposed to undertake the activity;
- (b) the type of activity to be undertaken;
- (c) the design or layout of the activity;
- (d) the technology to be used in the activity;
- (e) the operational aspects of the activity; and
- (f) the option of not implementing the activity.

The proposed project area location is Beaton 38, Hillbrow 120 and Lynch 246, situated in the magisterial district of Viljoenskroon as indicated in appendix A. The type of activity to be taken in the farms is drilling and logging and borehole survey.

The design layout of the activity involve drill rig platform, samp covered with plastic to avoid seepage, core storage, caravan, 1000 litres water tanker, 1000 litres diesel tank, top soil storage container and ablution/chemical toilet.

The technology to be utilized will be a truck mounted diamond core drill rig.

Drilling involves recovering rock cores and logging analyzing the geological characteristics of the recovered cores.

The technology will include:

Stores and Material: A containerized store will be provided by the contractor, in the site yard, to hold a limited store of high use items such as oils, grease, air filters, etc. These

stores will meet the requirements of the various health and safety and environmental legislation.

Electricity: Electricity is sourced from a mobile generator

Water: Potable water at the prospecting area is sourced and transported to site by the contractor. Some of the water is stored in water tank next to the Prospecting Site and offices. The same water is also used for dust suppression when necessary.

Access Roads: The existing access tracks on site will be used to access the drilling points. No new roads will be developed.

Offices: The Mobile offices/Caravan will be provided by the contractor

The option of not implementing the activity.

The option of not approving the activities will result in a significant loss to valuable information regarding the coal reserves in these areas. In addition to this, should the economical reserves be present and the applicant does not have the opportunity to prospect, the opportunity to utilize these reserves for electricity generation and brick making will be lost.

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 or not they attended public meetings. (Information to be provided to affected parties must include sufficient detail of the intended operation to enable them to assess what impact the activities will have on them or on the use of their land.

The farms Beaton 38, Hillbrow 120 and Lynch 246 were visited on the 13th July 2016.

The Land Owner, interested and affected parties were supplied with an Accepted Letter, Maps and Basic Information Document (BID) containing a description of the proposed prospecting activities and a Questionnaire/ Reply forms with a set of questions allowing for scrutiny and feedback. A copy of the prospecting work programme was sent to the land owners lawyers.

Mr Herman Nel owner of ptn 1 of the farm Beaton (Groenfontein nel Boerdery Trust) was consulted at his office in Vierfontein Town on the 13th July 2016.

Mr Japie Van Den Berg was consulted on the 13th of July 2016 at the farm Hillbrow 120.

Mr Hanko Steyn owner of ptn 0 of the farm Beaton was consulted telephonically and through emails on the 14th July 2016. He was not at the farm at the time of farm visit.

Mr Erasmus Jacobus Coetzee, owner of ptn 2 of the farm Beaton was consulted telephonically and through emails on the 14th July 2016. He was not at the farm at the time of farm visit.

Mr Cobus Botha was consulted on the 13th of July 2016 at the farm Lynch 246.

Mr Stefan Beukes (S J Beukes Trust), owner of ptn 1 and 2 of the farm Lynch 246 was consulted telephonically and through emails on the 14th July 2016. He was not at the farm at the time of farm visit.

Mr Dawid Senekal (Attorney for all the landowners) was consulted on the 25th August 2016 at his offices.

Site Notices were put at Moghaka Municipality and Viljoenskroon Library notice boards on the 12th of August 2016.

A Newspaper Advertisement appeared on the Volksblad on the week of 17th August 2016, notifying the public and any other interested and affected parties.

A public Participation meeting was held on the 26th of August 2016 at Viljoenskroon Library.

See Annexure B: Consultation and public participation reports

Interested and affected parties were also sent the copy of the Basic Assessment Report and EMPr through email for their comments

The Basic Assessment Report and EMPr was also uploaded to the South African Heritage Resource Agency website SAHRIS System on the 15th September 2016.

A letter was sent to the Department of Water and Sanitation, Bloemfontein Office on the 15th of September 2016, notifying them of the application in the farms.

Table 1

iii) Summary of issues raised by I&Aps
(Complete the table summarising comments and issues raised, and reaction to those responses)

Interested and Affected Parties		Date Comments Received	Issues 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.
List the names of persons consulted in this column, and Mark with an X where those who must be consulted were in fact consulted.					
<u>AFFECTED PARTIES</u>					
Landowner/s	X	See attached consultatio n report		See attached consultation report	See attached consultation report
Mr Herman Nel – Beaton 38 Portion 1	X	13/07/2016	None – Lawyer has the mandate	Prospecting to be done after harvesting and before planting. A contract to be agreed on before mining.	See attached consultation report
Mr Japie Van Der Berg – Hillbrow 120	X	13/07/2016	None – Lawyer has the mandate	Prospecting to be done after harvesting and before planting. A contract to be agreed on before mining.	See attached consultation report
Mr Hanko Steyn – Beaton 38 Portion 0	X	13/07/2016	None – Lawyer has the mandate	Prospecting to be done after harvesting and before planting. A contract to be agreed on before mining.	See attached consultation report
Mr Erasmus Jacobus	X	13/07/2016	None – Lawyer has the mandate	Prospecting to be done after harvesting	See attached

[illegible]

[illegible]

iv) The Environmental attributes associated with the alternatives. (The environmental attributes described must include socio-economic, social, heritage, cultural, geographical, physical and biological aspects)

(1) Baseline Environment

(a) Type of environment affected by the proposed activity.

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

Key aspects of the baseline environment that are likely to impact on the scope of the impact assessment and management measures that are implemented as well as project decisions regarding alternatives are listed below.

Topography

The prospecting site slopes gently to the western side of the application area.

The area is generally flat and rises in the south to an elevation of approximately 1350 metres above sea level and falls gradually to the north to an elevation of 1340 metres above sea level.

Soils

Mapping delineated mainly PT2 soils which are Red, Yellow and/or greyish soils with low to medium base status. (Low to medium base status) and VR Class which is soils well drained, dark reddish soils having a pronounced shiny, strong blocky structure (nutty), usually fine Red structured soils with high base status (Vertic, Melanic and Plinthic Soils).

The application area consists generally of the Avon, Glencoe, Glenrosa, Dresden, Clovelly and Hutton forms. These soils, with the exception of Dresden, could be described as medium potential forestry soils provided the effective rooting depth is sufficient for tree growth. The soils would probably be well leached, dystrophic to mesotrophic and luvic in character due to the rainfall status of the area.

Climate

The monthly distribution of average daily maximum temperatures shows that the average midday temperatures for Viljoenskroon range from 18°C in June to 29°C in January. The region is the coldest during July when the mercury drops to 0°C on average during the night.

Rainfall

Viljoenskroon normally receives about 446mm of rain per year, with most rainfall occurring mainly during mid summer. It receives the lowest rainfall (0mm) in June and the highest (76mm) in January. The winter months are generally dry.

Wind

The driest months occur in between July and December with an average of 12 knots and the windiest month occurs in September (17 knots). The strongest winds are generally southerly and all year round. Wind also occurs between January and June with an average of 8 knots. Some dust can be generated in highly exposed areas but is limited to reasonable levels in this area.

Surface Water

The drainage pattern in the prospecting area is normally contained within the farms. The farms are arable land and mainly cultivated which reduces runoff during rainy seasons. The water channels/ will be evaded and no drilling is planned closer than 100m from any water feature.

Drainage and Wetlands

There are no active or pristine watercourses or wetlands in or around the prospecting area. There are Non Perrenial water ponds/ farm dams on the farms and drilling is planned more than 100m from water courses, surface runoffs.

(b) Description of the current land uses.

The farms are currently being used mainly for medium to large scale maize crops farming.

The farms are generally flat plains that have been completely cleared for the cultivation of maize crops. A few pine trees and blue gum trees are found surrounding farm houses.

There are two main rivers. Olifantsdrift rivier (Non Perrenial River) runs about 15 KM east of the application area joining Rhenoster Rivier about 25 km north of the application area.

The farms are accessible by dirt roads from the Provincial Road R76 from Viljoenskron towards Vierfontein and also the R59 from Viljoenskroon towards Bothaville.

There is a railway line running through the farm Karokom 480 about 1 KM west of the application area and no prospecting activities will be conducted within 100 meters of the railway lines.

There are power lines running through the farms and no prospecting activities will be conducted within 100 meters to the power lines.

No houses exist within 100m of the planned prospecting area. The properties are accessed by minor dust roads that cross the all sides of the prospecting area.

Photo 1: Maize Crop Field



(c) Description of specific environmental features and infrastructure on the site.

Topography and Drainage

The applicant intends to prevent impacts on the low lying areas, and the associated ecological corridors which represent, by avoiding prospecting activities below the 160 contour line.

The topography is described as flat plains and majority of infrastructures required for prospecting do not have an impact on topography in that the infrastructures will be visible from distance. Prospecting activities will be done in a manner that addresses expansion, waste management and disposal and rehabilitation process. Continuous consultation with interested and affected parties is ongoing.

Soil

Measurements will be taken, audited monthly to ensure adherence to the prospecting development plans. Soil samples must be taken and analysed to ensure that the topsoil is fertilized to enable sustainable re-vegetation, auditing of the rehabilitation and closure documentation. The post closure and topographical features will comply with the closure agreement from interested and affected parties and the state.

Rivers

Olifantsdrift River runs about 15 KM west of the application area and flows during rainy seasons and joins Rhenoster rivier about 10 KM north of the application area. Drilling will not affect any river source.

Wetlands

There are no wetlands within the application area.

Vegetation/Flora

According to the Agricultural Geo-Referenced Information System (AGIS), the area consisting of Rand Highveld Grassland and Vaal-Vet Sandy Grassland of the Pure Grassveld type. The natural vegetation has been disturbed by agriculture and farming to such an extent that few naturally pristine areas remain on the farm. The area is dominated by maize crop farming. Eucalyptus trees and Temeda Trianda grass are dominant in the outskirts of the cultivated areas.

Fauna

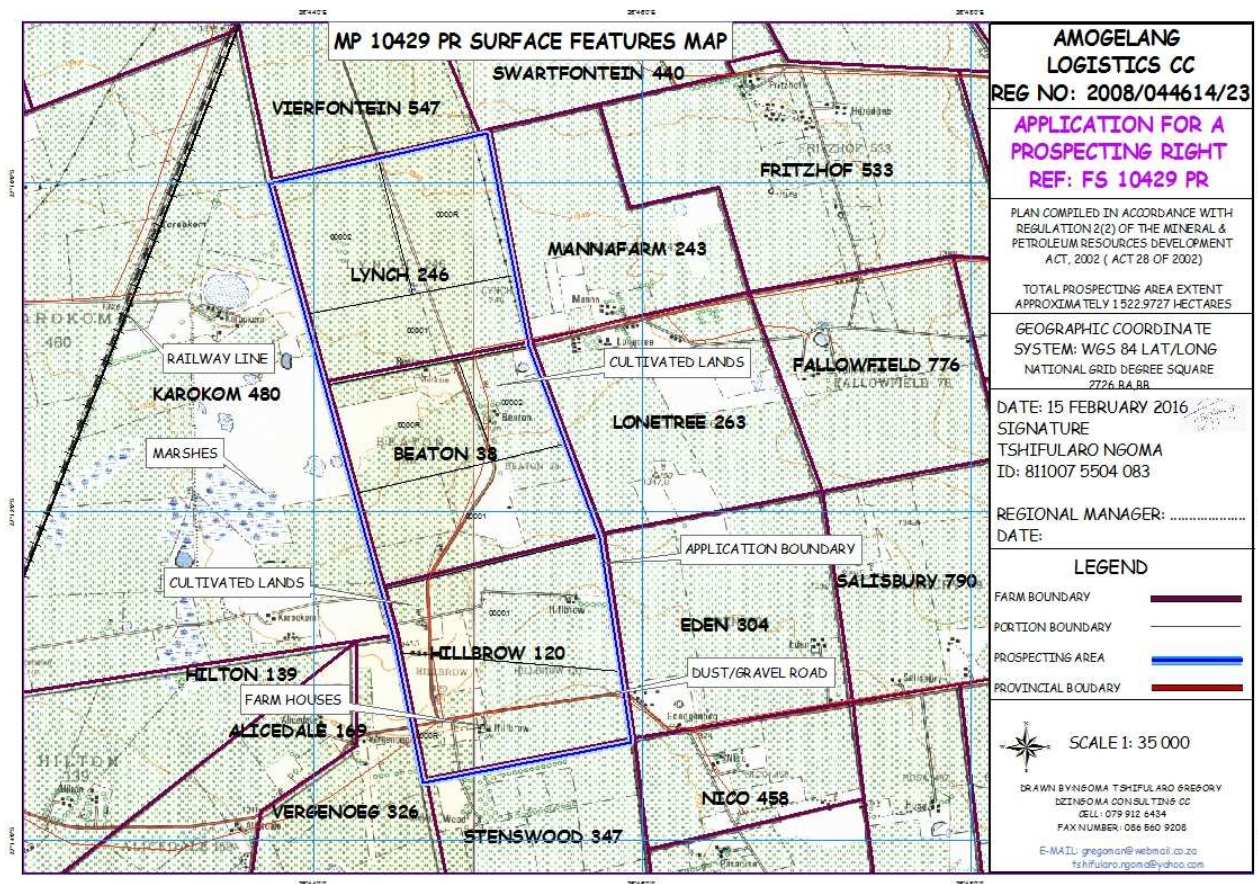
The area has been modified by past and present agricultural practises. The remainly natural areas are mainly restricted to areas of shallow soils. Within these areas, large scale clearing of land for crop planting has resulted in an altered vegetation structure and composition as well as other factors such as a lack of area, cover and food availability has severely impacted on the fauna. However, small mammals known to occur in the area include hedgehog, rabbits, polecat, meerkat and the ubiquitous rats and mice. Given the habitat, it is likely that korhaans, larks, longclaws, species of *Euplectes* (bishops and widows), weavers, starlings and sparrows occur in the grassveld.

Air Quality

The supporting equipment for the drilling machine often produces dust. Dust is a nuisance to residents staying down dip of the prevailing wind direction of a prospecting operation. The industry generally mitigates this aspect by limiting the speed of supporting equipment. The drilling contractor will ensure that the manager on site monitor this aspect on a daily basis.

(d) Environmental and current land use map.
(Show all environmental, and current land use features)

Figure 4: Environment and Land Use Map



v) 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).

Table 2: Potential Impacts

ACTIVITY	ASPECT	TYPE OF IMPACT	IMPACT DESCRIPTION
Application	No Impact		
Reconnaissance site Visit	No Impact		
Desktop Study	Vegetation	Negative Medium	Clearing of crops for access to the site
Mapping & Surveying	Flora	Negative Medium	Clearing of crops for access tracks and clearing of Drill sites
Drilling	Fauna	Negative Medium	The natural habitat of the animals will be disturbed and/or destroyed
			Potential road kill
	Soil	Negative Medium	Removal of Topsoil on the Drilling Points
			Soil Disturbance from soil sampling resulting in soil erosion
			Soil compaction resulting from repeated use of access roads
			Oil and Fuel spills from drilling equipment
	Water	Negative Low	Contamination of ground water and reduction of water quantity
			Possible hydrocarbon spills from drill rig
			Increased water consumption as water will be used to control dust and for sampling
	Air	Negative Low	Generation of dust on the access tracks

			and drilling points
	Noise	Negative Low	Noise from the drill rig
	Air quality	Negative Low	Nuisance dust will be created by the prospecting equipment hauling materials and samples to and from site
	Fauna	Negative High	Where new haulage roads will be created the natural habitat of the animals will be disturbed and/or destroyed <ul style="list-style-type: none"> Road kills
	Flora	Negative High	Where new haulage roads will be created the vegetation will be disturbed and/or destroyed
	Soil	Negative Low	Compaction of soil is expected on the roads that are used by the prospecting operation Possible hydrocarbon spills from equipment and vehicles
	Surface Water	Negative Low	If roads are not properly maintained, water erosion after thunder storms can occur Possible hydrocarbon spills from equipment and vehicles
	Visual	Negative Low	The haulage roads will be visible to some extent from the immediate surroundings
Decommissioning	Air quality	Negative Low	Dust emissions from decommissioning activities (including vehicle entrained dust)
	Ground Water	Negative Low	Possible hydrocarbon spills from equipment and vehicles in this area Sample pit backfilling
	Noise	Negative Low	Noise will be created by the vehicles and equipment in the area
	Soil	Negative Medium	Soil erosion resulting from the re-spreading of topsoil before crops are re-established

			Ripping of compacted areas
	Surface Water	Negative Low	Possible hydrocarbon spills by vehicles and equipment in the area
Analysis of a sample	No impact on site		
Consolidation of the results	No impact on site		

Table 3: Potential Cumulative Impacts

ASPECTS	IMPACTS	DETAILED DESCRIPTION
Climate	Release of greenhouse gas emissions	<ul style="list-style-type: none"> The release of greenhouse gasses and other contaminants to the atmosphere is expected as a result of land based vehicle activity The clearing of land negatively affects carbon sequestration efficiency and increase emissions resulting from decomposition. These impacts are regarded as insignificant in terms of contribution. The risks are recognised as a cumulative impact
Soils	Loss of Natural resource (topsoil)	The loss of topsoil as a natural resource as a result of soil contamination and erosion negatively affecting land capability
Hydrology	Surface water pollution	Surface water quality impacts will extend beyond the boundary of the site if not managed appropriately which in turn affects the agricultural sector highly dependent on this surface water resource.
Geohydrology	Ground water pollution	Ground water contamination is regarded as a cumulative impact. Regionally there is a high dependency on groundwater resources and all activities which may impact on ground water resources are regarded as significant
Biodiversity (flora, Fauna and Avifauna)	Loss of biodiversity and of ecosystem functioning	The cumulative impacts relate to land transformation resulting in the loss of habitat

Visual	Visual disturbance and change of landscape character	The cumulative impacts relate to the visual disturbance is regarded to impact the regional “sense of place”. Regionally the site visual has been affected by agricultural activities.
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Potential Impacts on heritage resources

In terms of Section 34 of the National Heritage Resources Act, 1999 (Act No. 25 of 1999), all structures older than 60 years need to be identified and protected. There will be no prospecting activities within 100 meters of any built environment/infrastructure hence no property will be affected.

No prospecting activity will be done near grave sites on the farms. The farm houses and graves will not be affected by the proposed prospecting activities.

Potential impacts on communities, individuals or competing land uses in close proximity.

Prospecting will not have any direct impacts on communities, individuals or competing land uses in close proximity of the prospecting area. Most of the neighbouring farms are maize crop farming and cattle farming.

Table 4: Potential Impacts on Communities

ASPECT	TYPE OF IMPACTS	IMPACT DESCRIPTION
Air Quality	Negative Medium	The movement of vehicles into the site through gravel roads will generate dust which will affect the local air quality
Water Quality	Negative Low	The flow of stormwater from the gravel roads into the local surface from the gravel roads would be highly contaminated with sediments and spilled fuels and oils.
Noise	Negative Medium	The drill rig and the drilling tractor would potentially create noise that affects the livestock in the area. The noise generated would also affect the humans in the close proximity to the site.
Soils	Negative Medium	The movement of vehicles within the farm would compact the soils rendering the soils unproductive for crop farming.

vi) 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 assessment of the impacts has been conducted according to a synthesis of the criteria required by the integrated environmental management procedure.

Table 5: Risk Assessment Technologies

TERM	DEFINITION
Nature of Impact	This is an appraisal of the type of effect the activity will have on the affected environmental component. Its description should include what is being affected, and how.
Extent	The physical and spatial size of the impact
Duration	The lifetime of the impact that is measured in the context of the lifetime of the proposed phase.
Intensity	This describes how destructive the impact is. Does it destroy the impacted environment, after its functioning, or slightly alter it.
Probability	This describes the likelihood of the impacts actually occurring. The impact may occur for any length of time during the life cycle of the activity, and not at any given time.
Significance	Significance is an indication of the importance of the impact in terms of both physical extent and time scale, and therefore indicates the level of mitigation required.

vii) 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)

Table 6: Risk Assessment Technologies

CRITERIA	DESCRIPTION			
EXTENT	National (4)	Regional (3)	Local (2)	Site (1)
	The whole of South Africa	Provincial and parts of neighbouring provinces	Within a radius of 2 km of the construction site	Within the construction site
DURATION	Permanent (4)	Long-term (3)	Medium-term (2)	Short-term (1)
	Mitigation either by man or natural process will not occur in such a way or in such a time span that the impact can be considered transient	The impact will continue or last for the entire operation life of the development, but will be mitigated by direct human action or by natural processes thereafter. The only class of impact which will be non-transitory.	The impact will last for the period of the construction phase, where after it will be entirely negated	The impact will either disappear with mitigation or will be mitigated through natural process in a span shorter than the construction phase
INTENSITY	Very High (4)	High (3)	Moderate (2)	Low (1)
	Natural, cultural and social functions and processes are altered to extent that they permanently cease	Natural, cultural and social functions and processes are altered to extent that they temporarily cease	Affected environment is altered but natural, cultural and social functions and processes continue albeit in a modified way	Impacts affects the environment in such a way that natural, cultural and social functions and processes are not affected
PROBABILITY	Definite (4)	Highly	Possible (2)	Improbable (1)

OF OCCURRENCE		Probable (3)		
	Impact will certainly occur	Most likely that the impact will occur	The impact may occur	Likelihood of the impact materialising is very low
CRITERIA FOR THE RATING OF CLASSIFIED IMPACTS				
Low Impact (3-10 points)	A low impact has no permanent impact of significance. Mitigation measures are feasible and are readily instituted as part of a standing design, construction or operating procedure.			
Medium Impact (11-20 points)	Mitigation is possible with additional design and construction inputs.			
High Impact (21-30 points)	The design of the site may be affected. Mitigation and possible remediation are needed during the construction and/or operational phases. The effects of the impact may affect the broader environment.			
Very High Impact (31-48 points)	Permanent and important impacts. The design of the site may be affected. Intensive remediation is needed during construction and/or operational phases. Any activity which results in a “very high impact” is likely to be a fatal flaw.			
Status	Denotes the perceived effect of the impact on the affected area.			
Positive (+)	Beneficial Impact.			
Negative (-)	Deleterious or adverse impact.			
Neutral (/)	Impact is neither beneficial nor adverse.			
It is important to note that the status of an impact is assigned based on the status quo – i.e. should the project not proceed. Therefore not all negative impacts are equally significant.				

viii) 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).

At the completion of the operation all proposed boreholes shall be filled in from the total depth to the surface with unused cores and replacing the softs from at least 2m below ground level, in such manner that no excess is deposited on the surface which may interfere with any land use activities.

All hazardous and unnatural materials will be removed from the site on completion of the prospecting activities.

To ensure excellent health is achieved on workers, the workers will be supplied with protective equipment during the operation.

Construction vehicles will be equipped with noise suppression measures to reduce noise pollution and they must be serviced constantly and be removed.

Clean up making sure that there are no waste materials such as plastics, papers, wire, nails, etc that remains on completion of the operation and disposed in a registered disposal site with respect to the quality of the waste

Plant seeds will be kept when removing the vegetation and the area where vegetation has been disturbed will be reseeded.

The construction & maintenance activities will be of such a nature as not to disturb the livelihood of adjacent property owners and the public infrastructures and on completion of the project the all social disturbing material will be removed. Once heavy machinery has cleared the, the disturbed areas will be leveled and cleared of any foreign material manually.

ix) Motivation where no alternative sites were considered.

The client intends to prospect in the proposed area because there is probability of high coal and clay deposits. Furthermore he wants to improve the economic activities in the Viljoenskroon area through job creations and skills development.

x) Statement motivating the alternative development location within the overall site. (Provide a statement motivating the final site layout that is proposed)

The area has already been extensively cleared for agricultural purposes in particular maize crop farming. It will be easier to drive through the farm to various parts of the farms without the need to clear any vegetation and also without road construction.

- i) **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 were 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.)

See table 7 below.

j) 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).

Potential Impact of each main activity in each phase, and corresponding significance assessment

Table 7: Significance of the Potential Impacts

PROSPECTING POTENTIAL IMPACTS							
E = Extent, D = Duration, I = Intensity, P = Probability of Occurance		Where (E + D + I) X P = Significance					
Phase and Activity	Aspect	Potential Impact	Rating Before Mitigation			Significance before mitigation	
			E	I	D	P	
Phase 1: Mapping & Surveying	Flora	Loss of crops through clearing of the access tracks	1	2	2	3	15 Negative
			1	3	2	2	12 Negative
Phase 2: Drilling	Flora	Loss of crops through clearing of drilling points					
	Fauna	<ul style="list-style-type: none"> Loss of habitat during clearing of vegetation Potential road kill 	1	3	2	2	12 Negative

Phase 3: Further Drilling	Soil	<ul style="list-style-type: none"> • Removal of topsoil on the drilling points • Soil disturbance from soil sampling • Soil compaction resulting from repeated use of access tracks • Oil and fuel spills from drilling equipment 	2	3	2	2	14 Negative
	Water	<ul style="list-style-type: none"> • Contamination of ground water and reduction of water quantity through spills of hydrocarbons from drill rig. • Contamination of surface water through the flow of contaminated storm water from site into local streams 	1	2	2	2	10 Negative
	Air	Generation of dust from gravel access tracks, and drilling points	1	2	2	2	8 Negative
	Noise	Noise emanating from drill rig	1	1	1	2	6 Negative
	Flora	Loss of vegetation through clearing of drilling points	1	3	2	2	12 Negative
Phase 3: Further Drilling	Fauna	<ul style="list-style-type: none"> • Loss of habitat during clearing of crops • Potential road kill 	1	3	2	2	12 Negative

	Soil	<ul style="list-style-type: none"> Removal of topsoil on the drilling points Soil disturbance from soil sampling Soil compaction resulting from repeated use of access tracks Oil and fuel spills from drilling equipment 	2	3	2	2	14 Negative
	Water	<ul style="list-style-type: none"> Contamination of ground water and reduction of water quantity through spills of hydrocarbons from drill rig. Contamination of surface water through the flow of contaminated storm water from site into local streams 	1	2	2	2	10 Negative
	Air	Generation of dust from gravel access tracks, and drilling points	1	2	1	2	8 Negative
	Noise	Noise emanating from drill rig	1	1	1	2	6 Negative
	Air Quality	Dust emissions from decommissioning activities (including vehicle entrained dust)	1	2	1	2	8 Negative
	Noise	Noise will be created by the vehicles and equipment in the area	1	2	1	2	8
Phase 4: Decommissioning & Feasibility studies							

								Negative
	Soil	<ul style="list-style-type: none"> • Soil erosion resulting from the re-spreading of topsoil before vegetation is re-established • Ripping of compacted areas 						8 Negative
	Surface Water	Possible hydrocarbon spills by vehicles and equipment in the area						8 Negative

Assesment of Potential Cumulative Impacts

Table 8: Significance of Cumulative Impacts

ASPECT	IMPACTS	Impact Rating Before Mitigation				Significance before mitigation
		E	I	D	P	
Climate	<ul style="list-style-type: none"> Release of greenhouse gas emissions is expected as a result of land based vehicle activity The clearing of vegetation/crops negatively affects carbon sequestration efficiency and increase emissions resulting from decomposition. These impacts are regarded as insignificant in terms of contribution. The risks are recognised as cumulative impact 	1	1	1	1	6 Negative
Soils	The loss of topsoil as a natural resource as a result of soil contamination and erosion negatively affecting land capability					8 Negative
Hydrology	Surface water quality impacts will extend beyond the boundary of the site if not managed appropriately which in turn affects the agricultural sector highly dependent on the surface water resource	2	2	1	2	10 Negative

Geohydrology	Ground water contamination is regarded as a cumulative impact. Regionally there is a high dependency on ground water resources and all activities which may impact on ground water resources are regarded as significant.	1	2	1	2	8 Negative
Biodiversity (Flora, Fauna and Avifauna)	Loss of biodiversity and disruption of existing ecosystem functioning – The cumulative impacts relate to land transformation resulting in the loss of habitat	1	2	1	3	12 Negative
Visual	The cumulative impacts relate to visual disturbance is regarded to impact the regional “sense of place”. Regionally the site visual has been affected by agricultural activities.	1	1	1	2	6 Negative

Proposed Mitigation Measures to Minimise Adverse Impacts

List of Actions, Activities, or Processes that have Sufficiently Significant Impacts to Require Mitigation.

Table 9: Activities Requiring Impacts Mitigation

ACTIVITY	IMPACT
Drilling	The drilling activity will create significance impact on the biodiversity, underground and surface water and has the potential to generate noise and dust
Topsoil stockpile	The clearing of crops for access track road to the drilling site and for hauling samples from the site for analysis in the lab. The movement of vehicles on the haul road would also compact the soils.
Topsoil stockpile	The removed topsoil must be stockpiled for rehabilitation purposes.
Decommissioning and Rehabilitation	The decommissioning includes the backfill of the sampling points. The potential impacts of this activity include water contamination and generation of dust.

Table 10: Impact Mitigation

Aspect	Impact	Mitigation Measures
Air Quality	Creation of nuisance dredust	<ul style="list-style-type: none"> • Avoidance of unnecessary removal of vegetation • Routine spraying of unpaved site areas and roads • Utilized by the prospecting operation with water • Speed limits of vehicles inside the application area will be strictly controlled to avoid excessive dust or the excessive deterioration of the roads to be used. • All cleared disturbed or exposed areas to be re-vegetated as soon as practically possible to prevent the formation of additional sources of dust.
Fauna	Loss of Fauna	<ul style="list-style-type: none"> • Speed limits of vehicles inside the application area will be strictly controlled to avoid road kills • Continuous backfilling of open holes • No hunting (snares) will be allowed in the application area
Flora	Loss of Flora	<ul style="list-style-type: none"> • No trees or shrubs will be felled or damaged for the purpose of obtaining fire wood • Management will take responsibility to control declared invader or exotic species on the site. The following methods will be used <ul style="list-style-type: none"> ➢ “The plants will be uprooted, felled or cut off and can be destroyed completely”. ➢ “The plants will be treated with a herbicide that is registered for use in connection therewith and in accordance with the directions for the use of such a herbicide”. • Continuous backfilling of open excavations and spreading of previously stored topsoil over the rehabilitated areas. • All rehabilitated area, where applicable and possible, will be seeded with a vegetation seed mix adapted to reflect the local indigenous flora that was present prior to the commencement of prospecting activities, if the natural succession of vegetation is anacceptably low. • The end objective of the re-vegetation program will be to achieve a stable self-sustaining habitat unit.

Ground Water	Contamination of Ground Water	<ul style="list-style-type: none"> • Vehicle and equipment maintenance will only be allowed within the maintenance area. • Only emergency breakdowns will be allowed in other areas. • The following procedure will be followed if a vehicle or piece of equipment would break down inside an excavation and outside of the maintenance area: <ul style="list-style-type: none"> • Drip pans will be placed at all points where diesel, oil or hydraulic fluid may drip and in so doing contaminate the soil. • All efforts will be made to move the broken down vehicle or piece of equipment to the maintenance area. • If the vehicle /piece of equipment can not be moved, the broken parts will firstly be drained of all fluid. The part will then be removed and taken to the maintenance area. • Equipment used as part of the proposed operation will be adequately maintained so as to ensure that oil, diesel, grease or hydraulic fluid does not leak during operation. • Fuel and other petrochemicals will be stored in steel receptacles that comply with SANS 10089-1:2003 (SABS 089-1:2003) standards. An adequate bund wall, 150 % of volume of the largest storage receptacle, will be provided for fuel and diesel areas to accomodate any spillage or overflow of these substances. The area inside the bund wall will be lined with an impervious lining to prevent infiltration of the fuel into the soil (and ultimately ground water). The latter will be covered by an approved bacterial hydrocarbon digestion agent that is effective in water.
Noise	Generation of Noise from prospecting equipment and vehicles	<ul style="list-style-type: none"> • Working hours will be kept between sunrise and sunset as far as possible • The management objective will be to reduce any level of noise, shock and lighting that may have an effect on persons or animals, both inside the plant area and that which may migrate outside the plant area. • Hearing protection will be available for all employees where attenuation cannot be implemented. • If any complaints are received from the public or state department regarding noise levels, the levels will be monitored at prescribed monitoring points.
Soil	Contamination of soil	<ul style="list-style-type: none"> • In all places of development, the first 300 mm of loose or weathered material found will be classified as a growth medium. The topsoil will be removed, where possible, from all areas where physical disturbance of the surface will occur. • In all areas where the above growth medium will be impacted on, it will be removed and

		<p>stockpiled on a dedicated area. The maximum height of stockpiles will be 2 meters.</p> <ul style="list-style-type: none"> • The growth medium/topsoil will be used during the rehabilitation of any impacted areas, after sloping in order to re-establish the same land capability. • If any soil is contaminated during the life of the prospecting period, it will either be treated on site, or be removed together with the contaminant and placed in acceptable containers to be removed with the industrial waste to a recognized facility or company. • Erosion control in the form of re-vegetation and contouring of slopes will be implemented on disturbed areas in and around the site. • Topsoil will be kept separate from overburden and will not be used for building or maintenance of access roads. • The stored topsoil will be adequately protected from being blown away or being eroded • Compacted areas will be ripped to a depth of 300mm, where possible, during the continuous rehabilitation, decommissioning and closure phases of the operation in order to establish a growth medium for vegetation. • Vehicle movement will be confined to established roads as far as practical in order to prevent the compaction of soil.
Surface water	Contamination of surface water	<ul style="list-style-type: none"> • All non-biodegradable (recyclable) refuse such as glass bottles, plastic bags and metal scrap will be stored in a container in the waste area and collected on a regular basis and disposed of at a recognized desposal facility. • Erosion and storm water control measures will be implemented. • During rehabilitation the applicant will endeavour to reconstruct flow patterns in such a way that the surface water flow in accordance with the natural drainage of the area as far as practically possible.
Topography	Alteration of slopes	<ul style="list-style-type: none"> • All open excavations will be backfilled if and when possible and made safe so as to reflect as far as possible the pre-prospecting topography of the area. • All temporary features, e.g. plant, containers and stockpiling, will be removed and handled in the prescribed manner during rehabilitation.
	Creation of an	<ul style="list-style-type: none"> • Open excavations will be subject to progressive backfilling and made safe (including the

Visual	unpleasing visual look	<ul style="list-style-type: none"> reestablishment of vegetation). Waste material of any description will be removed from the prospecting area upon completion of the operation and be disposed of at a recognized landfill facility.
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Table 11: Significance of Impact after Mitigation

Phase and Activity	Aspect	Potential Impact	Significance before mitigation	Significance after mitigation
Phase 1: Mapping & Surveying	Flora	Loss of vegetation/crops through clearing of the access tracks	15 Negative	3 Negative
Phase 2: Drilling	Flora	Loss of vegetation/crops through clearing of drilling points	12 Negative	6 Negative
	Fauna	<ul style="list-style-type: none"> Loss of habitat during clearing of vegetation/crops Potential road kill 	12 Negative	6 Negative
	Soil	<ul style="list-style-type: none"> Removal of topsoil on the drilling points Soil disturbance from soil sampling 	14	8

		<ul style="list-style-type: none"> • Soil compaction resulting from repeated use of access tracks • Oil and fuel spills from drilling equipment 	Negative	Negative
	Water	<ul style="list-style-type: none"> • Contamination of ground water and reduction of water quantity through spills of hydrocarbons from drill rig. • Contamination of surface water through the flow of contaminated storm water from site into local streams 	10 Negative	3 Negative
	Air	Generation of dust from gravel access tracks, and drilling points	8 Negative	3 Negative
	Noise	Noise emanating from drill rig	6 Negative	3 Negative
	Flora	Loss of vegetation/crops through clearing of drilling points	12 Negative	6 Negative
Phase 3: Further Drilling	Fauna	<ul style="list-style-type: none"> • Loss of habitat during clearing of vegetation • Potential road kill 	12 Negative	6 Negative

	Soil	<ul style="list-style-type: none"> • Removal of topsoil on the drilling points • Soil disturbance from soil sampling • Soil compaction resulting from repeated use of access tracks • Oil and fuel spills from drilling equipment 	14 Negative	8 Negative	
	Water	<ul style="list-style-type: none"> • Contamination of ground water and reduction of water quantity through spills of hydrocarbons from drill rig. • Contamination of surface water through the flow of contaminated storm water from site into local streams 	10 Negative	3 Negative	
	Air	Generation of dust from gravel access tracks, and drilling points	8 Negative	3 Negative	
	Noise	Noise emanating from drill rig	6 Negative	3 Negative	
			8 Negative	3 Negative	

Phase 4: Decommissioning & Feasibility studies	Air Quality	Dust emissions from decommissioning activities (including vehicle entrained dust)		
	Noise	Noise will be created by the vehicles and equipment in the area	8 Negative	5 Negative
	Soil	<ul style="list-style-type: none"> • Soil erosion resulting from the re-spreading of topsoil before vegetation/crops is re-established • Ripping of compacted areas 	8 Negative	3 Negative
	Surface Water	<ul style="list-style-type: none"> • Possible hydrocarbon spills by vehicles and equipment in the area 	8 Negative	4 Negative

k) 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):-

Table 12

LIST OF STUDIES UNDERTAKEN	RECOMMENDATIONS OF SPECIALIST REPORTS	SPECIALIST RECOMMENDATIONS THAT HAVE BEEN INCLUDED IN THE EIA REPORT (Mark with an X where applicable)	REFERENCE TO APPLICABLE SECTION OF REPORT WHERE SPECIALIST RECOMMENDATIONS HAVE BEEN INCLUDED.
Biodiversity and Wetland delineation studies	Specialist recommended that specialist studies be exempt since the land is extensively cleared and there are no wetlands on site.	X	N/A

Biodiversity and Wetland Assessment Studies

Naledzani Environmental Services has done a desktop study including a one day site visit on the proposed site location for the prospecting right of Coal and Clay. It was found that the area has been used as an agricultural field and does not have any indigenous plant species (grassland species to be precise) and as such there would not be a need to conduct an ecological/ biodiversity study on this area as the natural vegetation has been heavily impacted upon.

Regarding the wetland study, it was found that the closest wetland is located approximately 2 kilometres away from the site and there is no wetland or water body on site. This has resulted in the company not conducting the wetland delineation/ assessment study as well as the ecological study.

Specialist study letter is attached.

I) Environmental impact statement

(i) Summary of the key findings of the environmental impact assessment;

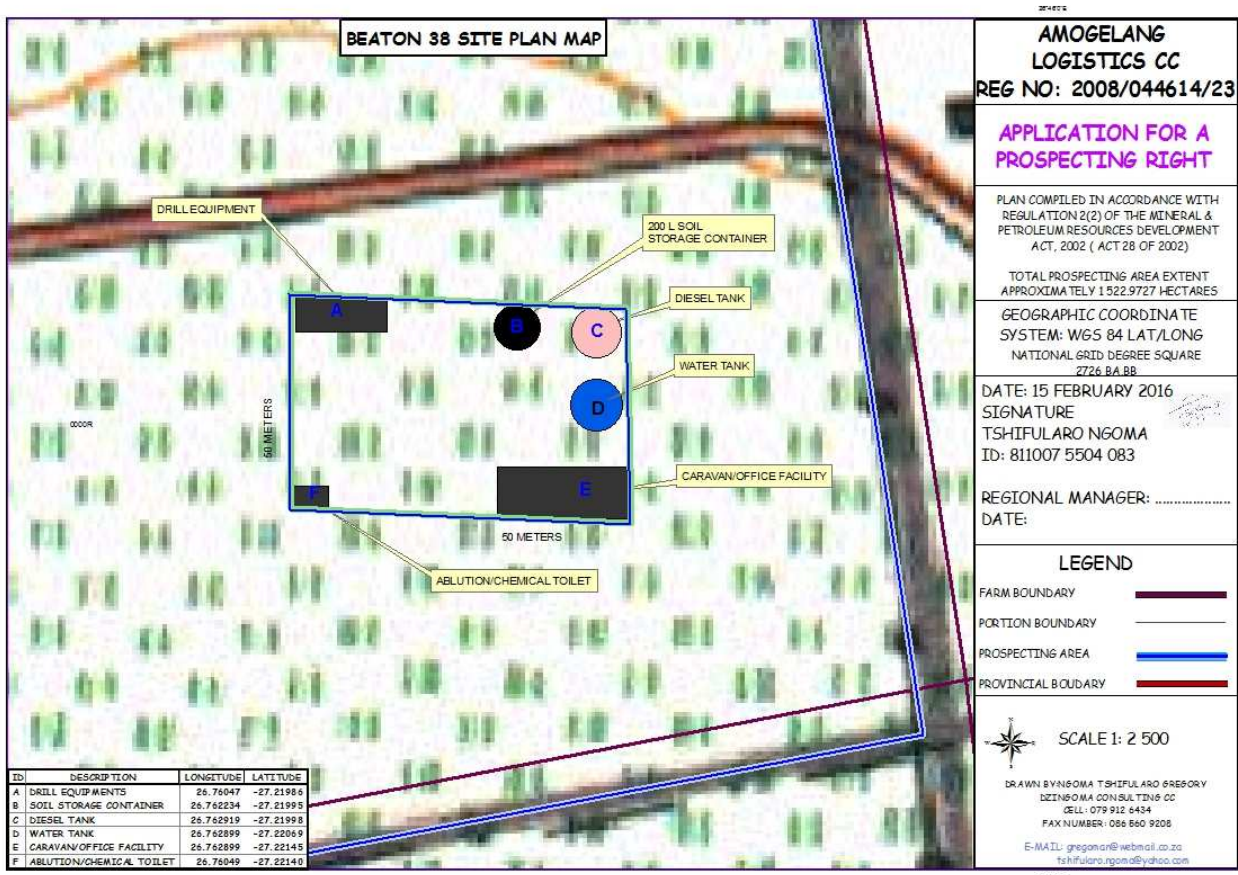
There are possible positive and negative impacts which might have a least effect on the proposed development.

The impacts deemed to be negative are not demanding and would not cause major impacts on the area and its surroundings. The proposed activity will have a positive injection to the area due to job creation and employment opportunities during operational phase.

(ii) 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**

Figure 5: Environment and Land Use Map



The roads, river, buildings, railway and power lines will be avoided at all times and prospecting will be done at least 100 meters away.

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

It is envisaged that there will be no significant negative impacts and risks on the area due to prospecting activities. There will not be any significant disturbance on flora and fauna, air quality, surface and ground water as well noise and air pollution. On a positive note, the quality and quantity of the resource reserves in the area will be significantly established. See table 7-11

m) 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 authorisation.

The Environmental Management Programme (EMPr) should be used as an on-site reference document during all phases of the project.

The contractor will be forced to suspend all of the work if prospecting activities cause damage to the environment.

Monthly auditing should take place in order to determine compliance with this EMPr. Parties responsible for disobedience of this document shall be held responsible for not adhering to the specifications set.

n) Aspects for inclusion as conditions of Authorisation.

Any aspects which must be made conditions of the Environmental Authorisation

None.

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

(Which relate to the assessment and mitigation measures proposed)

None.

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

i) Reasons why the activity should be authorized or not.

The activity should be authorised due to the fact that all the listed impacts are not of significance after mitigation.

ii) Conditions that must be included in the authorisation

This Environmental Management Programme (EMPr) should be used as an on-site reference document during all phases of the project.

Parties responsible for disobedience of this document shall be held responsible for not adhering to the specifications set.

q) Period for which the Environmental Authorisation is required.

5 years

r) 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.

Consultation and public participation was undertaken as a component of the BAR. The links to the land owners, interested and affected parties that have been established shall be maintained and utilized to the mutual benefit of all parties.

s) Financial Provision

State the amount that is required to both manage and rehabilitate the environment in respect of rehabilitation.

i) Explain how the aforesaid amount was derived.

20 Boreholes x 100 square meter = 2000
2000 divide by 10 000 = 0.2 ha

The rehabilitation of 0.2 ha was entered into the quantum table and the amount was derived from the table.

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

(Confirm that the amount, is anticipated to be an operating cost and is provided for as such in the Mining work programme, Financial and Technical Competence Report or Prospecting Work Programme as the case may be).

It is confirmed that the amount of R42 823 is available and the applicant will be able to deposit it into the rehabilitation account of the Department or Mineral Resources as part of the financial guarantees.

t) 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:-

(1) 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** .

Should a mine be established after prospecting the impacts will be:
Potential loss of farming land for the farmer.
Employment opportunities for the local population.
Economic development.

(2) 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).

None.

u) 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).

The Vierfontein Colliery started operations in the area in 1952, supplying coal for over 37 and half years to the Vierfontein Power Station until it was decommissioned in November 1990.

Various junior mining companies have shown interest in prospecting for Eskom quality coal in the Vierfontein coal field. Ngululu resources (Pty) Ltd has recently prospected in the adjacent farms and the results have been satisfactory. The coal in the area is very shallow and can be found at 30 to 60 meters deep which is feasible for junior mining companies. It makes economic sense for such smaller companies to start investing in smaller feasible projects and with the possibility to grow into bigger institutions in future. It is for this reason that Amogelang Logistics CC has also seen potential in the area and is willing and capable of investing in the area.

PART B

ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT

1) Draft 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).

Done.

Mr Tshifularo Gregory Ngoma
BSC (Hons) Environmental Sciences

- 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).

Done

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)

See 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 environment on site has already been altered by extensive or total clearance of vegetation as the farms are currently utilised for maize crop farming. The land is totally maize crop fields during most of the year and bare when there are no crops.

At the completion of the operation all 20 proposed boreholes rehabilitation will be done by filling in from the total depth to the surface the unused cores and replacing the softs from at least 2m below ground level, in such manner that no excess is deposited on the surface which may interfere with any land use activities.

The prospecting site will be cleared of any foreign material to establish pre prospecting conditions on the land. Any waste material generated will be transported to registered municipal dumping sites or land fill sites

The objective is to return the land as close as possible to what it was before prospecting activities commenced.

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

Water tanker with the capacity of 2 000 Litres will be used and will be sufficient for prospecting activities.

iii) **Has a water use licence has been applied for?**

No water use licence is required. Water will be bought from water vendors and brought to site in a water tanker.

iv) Impacts to be mitigated in their respective phases

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

ACTIVITIES	PHASE	SIZE AND SCALE of disturbance (volumes, tonnages and hectares or m²)	MITIGATION MEASURES	COMPLIANCE STANDARDS	WITH	TIME PERIOD IMPLEMENTATION	FOR
(E.g. For prospecting - drill site, site camp, ablation facility, accommodation, equipment storage, sample storage, site office, access route etc...etc...etc	(of operation in which activity will take place. State; Planning and design, Pre-Construction' Construction, Operational, Rehabilitation, Closure, Post closure).		(describe how each of the recommendations in 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 time period when the measures in the environmental management programme must be implemented Measures must be implemented when required. With regard to Rehabilitation specifically this must take place at the earliest opportunity. With regard to Rehabilitation, therefore state either:- .. Upon cessation of the individual activity or. Upon the cessation of mining, bulk sampling or alluvial diamond prospecting as the case may be.	
E.g. For mining,- excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, accommodation, offices, ablation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.)							
Mapping	Walking in the area analysing the rocks and the behaviour of the rocks in order to determine the site for drilling	Whole farm but there will be no disturbance in the area	No necessary since there will be no disturbance on the land	The work will be undertaken by the highly qualified geologist who will always work in accordance with the MRPDA standards		4 months	
Planning and siting of boreholes	This involves walking in the area with a GPS	Only in the targeted portion of the farm	No disturbance as the activity only requires a person walking the area.	The work will be undertaken by the highly qualified geologist who will always work in		1 month	

	devise locating the coordinates that are planned for drilling				accordance with the MRPDA standards	
Site establishment, Site clearance , access road preparation & platform & sump digging Camp site erection and core storage erection	20 x around the proposed coordinates location.	There will be disturbance of land since the area will be cleared by a TLB but the disturbance will be kept minimum, only area that will be planned for drilling	The area where it is flat will be left without any clearance and the area will be rehabilitated to closely look like a prior environment. And the boreholes will be sealed to avoid underground water contamination. Oil spillage will be cleaned after every hole.	The work will be undertaken by the highly qualified geologist who will always work in accordance with the MRPDA standards	2 months	
Drilling	Involves coring a 60mm diameter hole into the ground recovering the core samples.	This exercise has a very minimal disturbance to the land. It will be sealed after completion , it will cover the earmarked areas only	Sumps and drill holes will be sealed and covered with seeds of grass.	The work will be undertaken by the highly qualified geologist who will always work in accordance with the MRPDA standards	2 years	
Sample transportation to the lab	Samples will be collected from the storage	A light utility vehicle will be used to transport the	No disturbance of the land	The work will be undertaken by the highly qualified geologist who will always work in	2 years concurrently with drilling	

	facility to the preferred accredited laboratory	samples from the storage to the Lab,It only use the existing roads		accordance with the MRPDA standards	
Rehabilitation	Involves backfilling, seeds sowing by spreading, fence repairs and gates installation	Only affected areas	No further disturbance	The work will be undertaken by the highly qualified geologist who will always work in accordance with the MRPDA standards	2 months

e) Impact Management Outcomes

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

ACTIVITY (whether listed or not listed).	POTENTIAL IMPACT	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. etc)	STANDARD TO BE ACHIEVED (Impact avoided, noise levels, dust levels, rehabilitation standards, end use objectives) etc.
(E.g. Excavations, blasting, stockpiles, discard dumps or dams, Loading, hauling and transport, Water supply dams and boreholes, offices, accommodation, stores, workshops, processing plant, storm water control, berms, roads, pipelines, power lines, conveyors, etc...etc...etc.).	(e.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc....etc...)			E.g. • Modify through alternative method. • Control through noise control • Control through management and monitoring • Remedy through rehabilitation..	
Mapping	No Impact	Nothing will be affected	N/A	N/A	N/A
Site establishment, Site clearance, access road preparation and platform & sump digging Camp site erection and core storage erection	Dust emission Surface disturbance Surface water contamination	The livelihood of the local people because of the noise and dust	Commissioning	Dust control Noise management control such as providing people with ear plugs	Little to no disturbance will be targeted
Drilling	Noise and dust	Noise will affect the livestock normal routine	Operational	Noise Management control such as ear plugs	Little to no disturbance will be targeted
Sample	Dust	Nothing will	Operational	No need for mitigation in	No disturbance is

transportation from the site and water supply		be affected		this stage	expected in this one
Rehabilitation	Noise and dust	Noise and dust will surely affect the livelihood of the locals temporaril	Decommissioning, Closure	Proving the locals with ear plugs and temporarily locating a land for livestock	Taking the area to as close as it was before drilling

f) Impact Management Actions

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

ACTIVITY whether listed or not listed.	POTENTIAL IMPACT	MITIGATION TYPE	TIME PERIOD IMPLEMENTATION	COMPLIANCE WITH STANDARDS
(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...etc...etc.).	(e.g. dust, noise, drainage surface disturbance, fly rock, surface water contamination, groundwater contamination, air pollution etc....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. etc) E.g. <ul style="list-style-type: none"> • Modify through alternative method. • Control through noise control • Control through management and monitoring Remedy through rehabilitation..	Describe the time period when the measures in the environmental management programme must be implemented Measures must be implemented when required. With regard to Rehabilitation specifically this must take place at the earliest opportunity. .With regard to Rehabilitation, therefore state either:-.. Upon cessation of the individual activity or. Upon the cessation of mining, bulk sampling or alluvial diamond prospecting as the case may be.	(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)
Boreholes	Dust, noise, chemical leaks	Noise control measures,Dust control, rehabilitation	6 months	The work will be undertaken by the highly qualified geologist who will always work in accordance with the MRPDA standards
Accommodation Camps	No Impact	N/A	6 month concurrently	The work will be undertaken by the highly qualified geologist who will always work in accordance with the MRPDA standards
Core storage	No Impact	N/A	6 months concurrently	The work will be undertaken by the highly qualified geologist who will

					always work in accordance with the MRPDA standards
Contaminated Sumps	Groundwater contamination	Plastic lining in the bottom	6 months concurrently		The work will be undertaken by the highly qualified geologist who will always work in accordance with the MRPDA standards

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.

At the completion of the operation all 20 proposed boreholes shall be filled in from the total depth to the surface with unused cores and replacing the softs from at least 2m below ground level, in such manner that no excess is deposited on the surface which may interfere with any land use activities. The plan is to return the land as closer as possible to the original landscape prior to prospecting activities.

The baseline environment will be monitored after closure to ensure that:

- **Flora and Fauna**

The area will be rehabilitated such that plant and animal life can continue to live in the area with the same conditions as before prospecting. The farmers will be able to continue planting crops and animal life existing is not disturbed.

- **Soil**

Top soil will be returned to the surface of the area cleared before prospecting took place. The topsoil will allow for farming as it is readily fertile and suitable for farming.

- **Water**

During rainy season, surface water flow and underground water will be monitored from contamination.

- **Air**

Dust as a result of loose soil can occur. The objective will be to ensure no dust blows during windy days from prospected spots on the farms.

The land is to be monitored by an environmental scientist and farmers monthly for a year after rehabilitation to ensure that there is no soil erosion, underground water contamination, no air pollution and cultivation is continuing as before.

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

The objectives to return the land to its original state and cleaning all foreign materials and were part of the Basic Information document and were also presented to the interested and affected parties during consultation and public participation process.

- (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.**

All working areas shall be rehabilitated once work has been completed and before the team leaves the site.

This includes closure and rehabilitation of temporary access routes

All foreign materials not utilized in the rehabilitation activities shall be removed from the site.

Re-vegetation of all exposed soil shall be done before the team leaves the site.

Any potential erosion risks shall be addressed before the team leaves the site.

Any areas that the Environmental Practitioner believes may have been impacted upon or disturbed, shall be rehabilitated to the satisfaction of the Environmental Practitioner, which includes all areas where top material has been stripped.

Once the prospecting activities are completed, the contractor shall clear everything from the site.

The area rehabilitated landscape shall match the topography of the surrounding area as it was prior to prospecting activities.

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

Payment shall not be made for work that does not comply with contract specifications. A record shall be kept of non-compliance to standards and poor performance. Copies of instructions issued to contractors to correct the deficiencies shall be kept.

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

See attached quantum

- (f) Confirm that the financial provision will be provided as determined.**

The financial provision of R62.633.00 will be paid to the Department of Mineral Resources (DMR) upon the granting letter before the execution of the prospecting right.

- 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

[illegible]

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

The project Ecologist/Environmentalalist together with the project manager (Geologist) and contractors on site are responsible for ensuring compliance with the EMPr. Monthly site audits shall be undertaken by the Ecologist and a Project Inspection Report submitted to the DMR for review prior to the following audit. A Compliance Audit Report shall be submitted to the DMR collating the year's completed checklists. It is the responsibility of the Ecologist/Environmentalalist to report any non-compliance, which is not correctly rectified to the DMR.

m) Environmental Awareness Plan

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

The applicant together with the contractor and/or employees will be provided with the EMPr, the EMPr will be on site at all times so that if any environmental dangers arise they can easily refer to it and furthermore contact Amogelang Logistics CC.

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

The applicant together with the contractor and/or employees will be provided with the EMPr, the EMPr will be on site at all times so that if any environmental dangers arise they can easily refer to it and furthermore contact Amogelang Logistics CC.

n) Specific information required by the Competent Authority

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

Yes.

2) 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:

Dzingoma Conculting CC

Name of company:

14/09/2016

Date:

-END-

Applicant:

CALCULATION OF THE QUANTUM

Location: VILJOENSKROON DISTRICT

AMOGELANG LOGISTICS CC REG 2008/044614/23

Date: Sep-16

No.	Description	Unit	A Quantity	B Master Rate	C Multiplication factor	D Weighting factor 1	E=A*B*C*D Amount (Rands)
1	Dismantling of processing plant and related structures (including overland conveyors and powerlines)	m3	0	12.99	1	1	0
2 (A)	Demolition of steel buildings and structures	m2	0	180.92	1	1	0
2(B)	Demolition of reinforced concrete buildings and structures	m2	0	266.61	1	1	0
3	Rehabilitation of access roads	m2	50.00	32.37	1	1	1618.5
4 (A)	Demolition and rehabilitation of electrified railway lines	m	0	314.22	1	1	0
4 (A)	Demolition and rehabilitation of non-electrified railway lines	m	0	171.39	1	1	0
5	Demolition of housing and/or administration facilities	m2	0	361.83	1	1	0
6	Opencast rehabilitation including final voids and ramps	ha	0	184152.9	1	1	0
7	Sealing of shafts adits and inclines	m3	0	97.12	1	1	0
8 (A)	Rehabilitation of overburden and spoils	ha	0	126450.4	1	1	0
8 (B)	Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential)	ha	0	157491.7	1	1	0
8 (C)	Rehabilitation of processing waste deposits and evaporation ponds (polluting potential)	ha	0	457430.4	1	1	0
9	Rehabilitation of subsided areas	ha	0	105883.2	1	1	0
10	General surface rehabilitation	ha	0.2	100170	1	1	20034.006
11	River diversions	ha	0	100170	1	1	0
12	Fencing	m	0	114.26	1	1	0
13	Water management	ha	0	38087.46	1	1	0
14	2 to 3 years of maintenance and aftercare	ha	0	13330.61	1	1	0
15 (A)	Specialist study	Sum	0			1	0
15 (B)	Specialist study	Sum				1	0
						Sub Total 1	30789.86353

1	Preliminary and General	3694.783624	weighting factor 2 1	3694.783624
2	Contingencies	3078.986353	Subtotal 2	3078.986353
				37563.63

VAT (14%)

5258.91

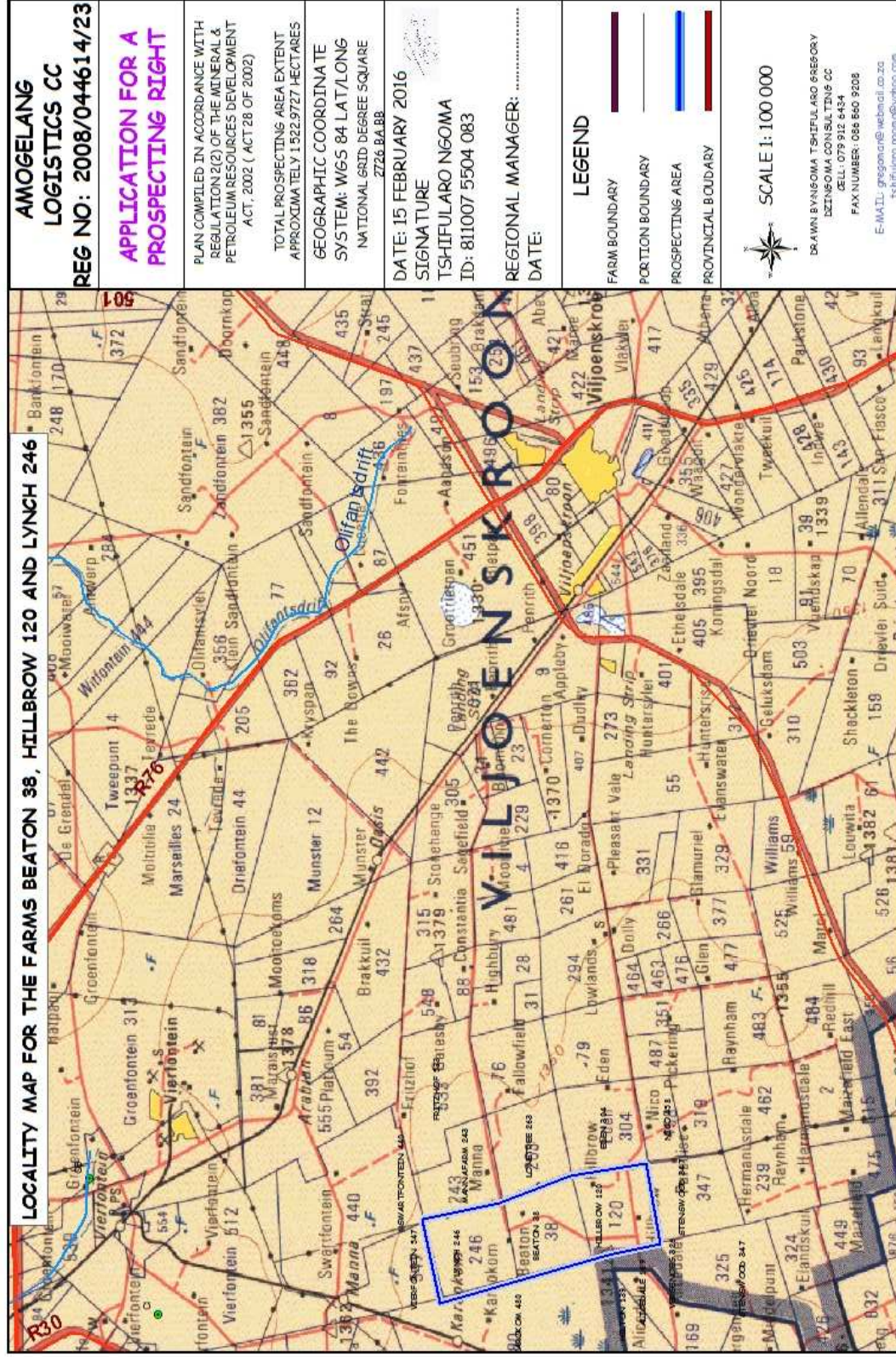
Grand Total

42823

ANNEXURE A: FS 10429 PR

- 1. Locality map**
- 2. Regulation 2 (2) Sketch Plan**
- 3. Site Plan Map**
- 4. Surface Features Map**
- 5. Geological map**

1. Locality Map



AMOGELANG LOGISTICS CC
REG NO: 2008/044614/23
APPLICATION FOR A PROSPECTING RIGHT
REF: FS 10429 PR

PLAN COMPILED IN ACCORDANCE WITH REGULATION 2(2) OF THE MINERAL & PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002)

TOTAL PROSPECTING AREA EXTENT APPROXIMATELY 1522,9727 HECTARES

GEOGRAPHIC COORDINATE SYSTEM: WGS 84 LAT/LONG NATIONAL GRID DEGREE SQUARE 2726 BA BB

DATE: 15 FEBRUARY 2016
 SIGNATURE: TSHIFULARO NGOMA
 ID: 811007 5504 083

REGIONAL MANAGER:
 DATE:

LEGEND

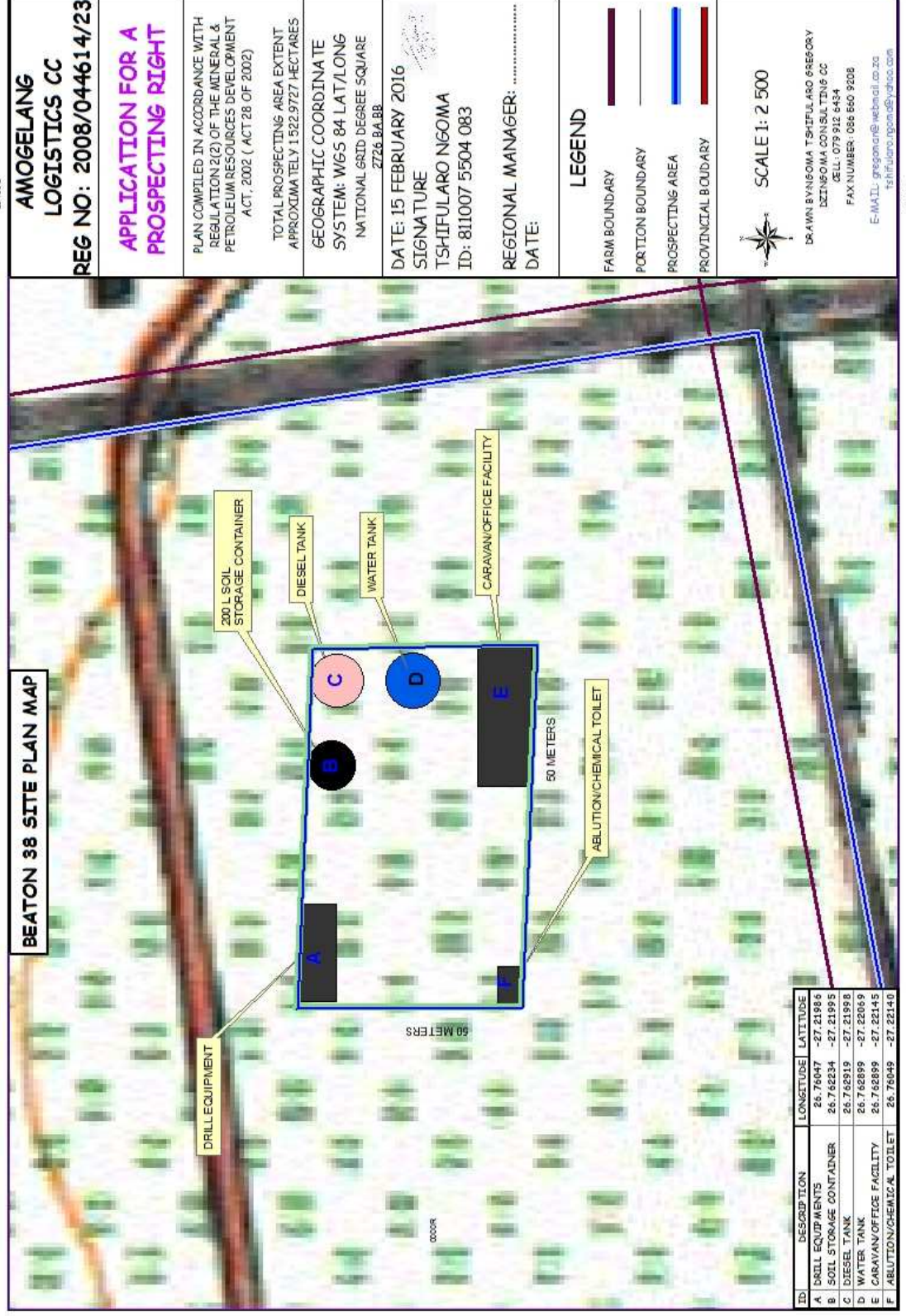
- FARM BOUNDARY
- PORTION BOUNDARY
- PROSPECTING AREA
- PROVINCIAL BOUNDARY

ID	LONGITUDE	LATITUDE
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1	26.7509	-27.16163
2	26.75512	-27.18314
3	26.74541	-27.20262
4	26.74559	-27.22339
5	26.74443	-27.22744
6	26.74152	-27.21287

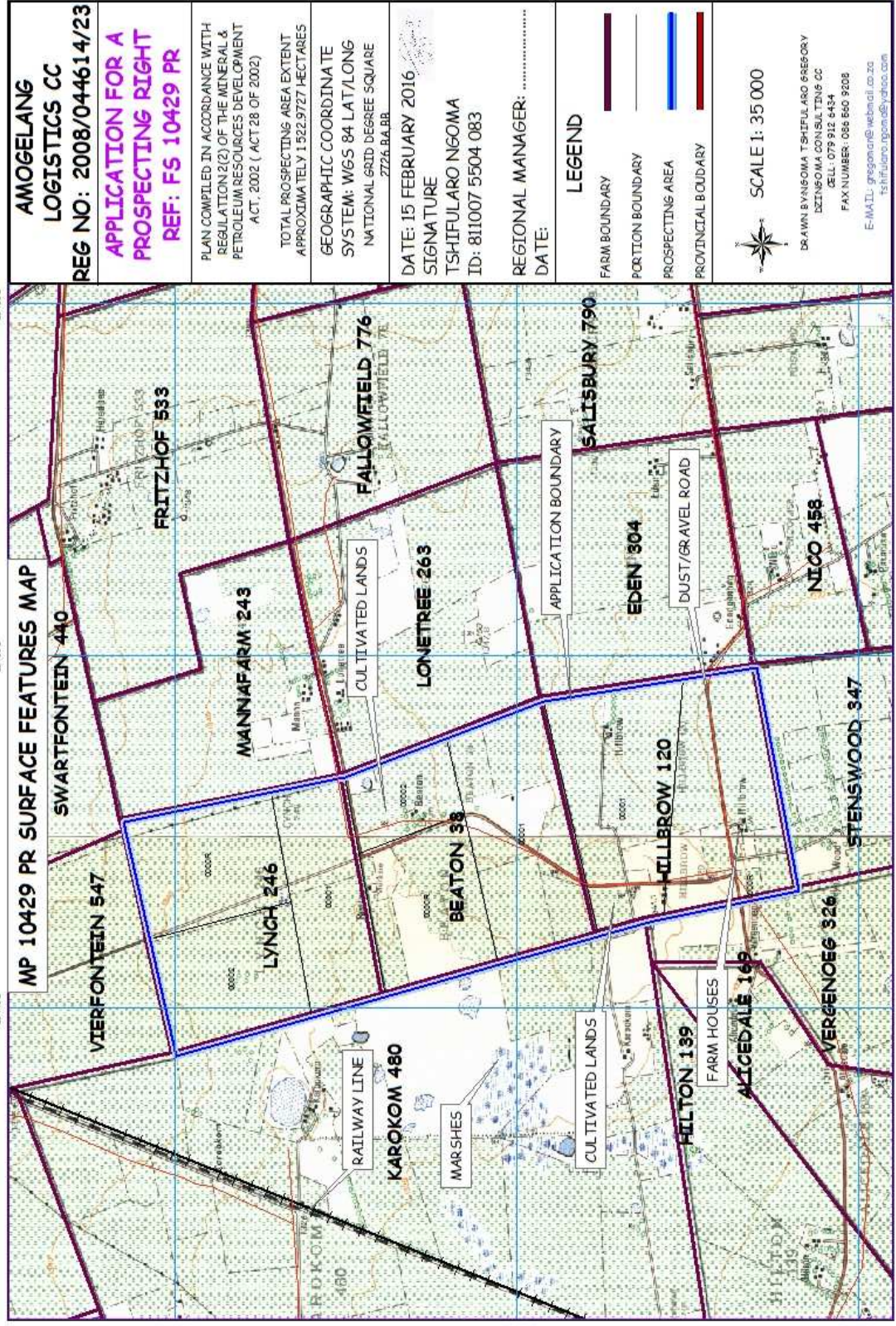
SCALE 1: 35 000

DRAWN BY: NGOMA TSHIFULARO
 DESIGNED BY: NGOMA TSHIFULARO
 CELL: 079 912 4454
 FAX NUMBER: 086 860 9208
 E-MAIL: gregg@webmail.co.za
 tshifularo.ngoma@webmail.co.za

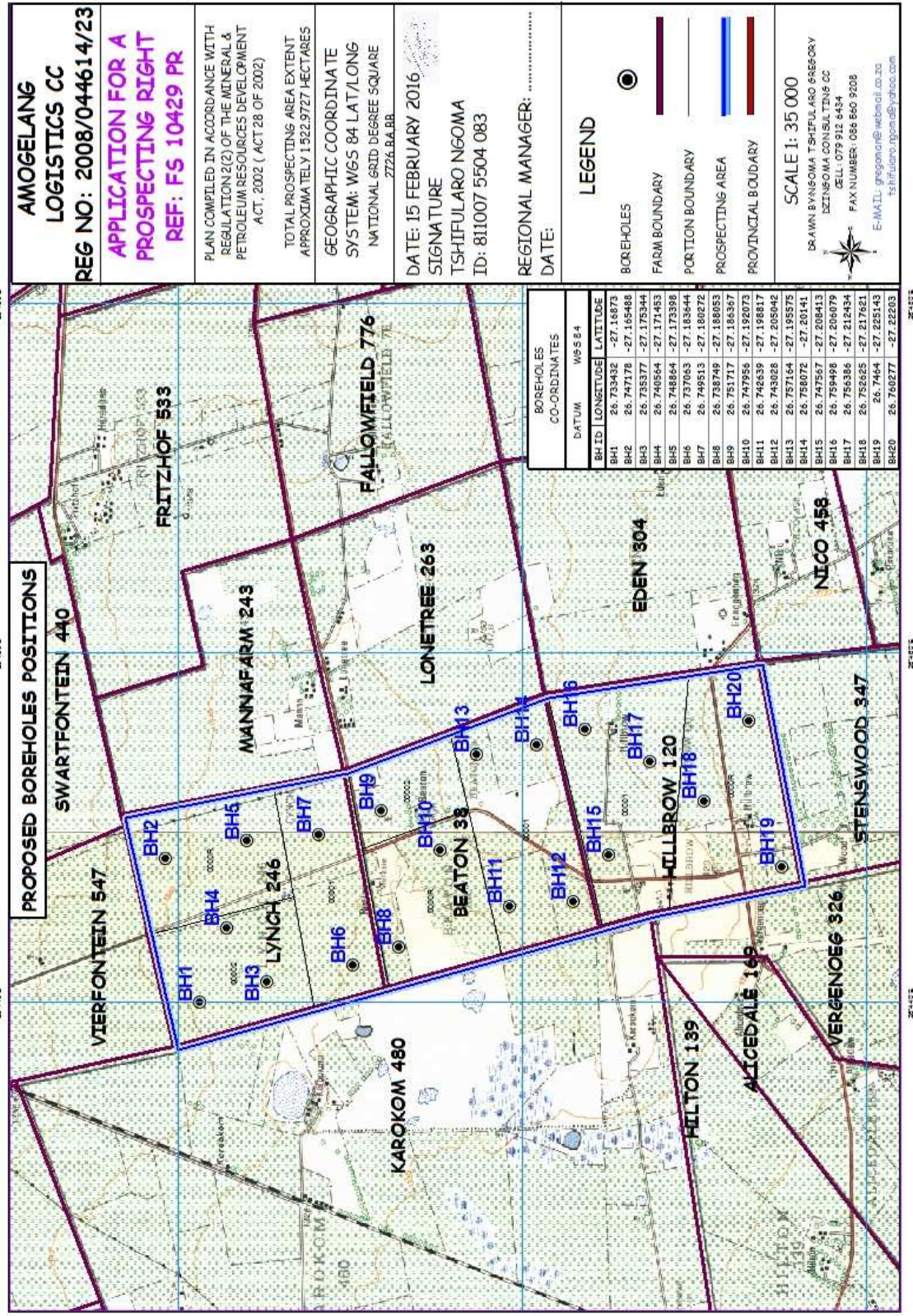
3. Site Plan Map



4. Surface Features Map



5. Boreholes Map



ANNEXURE B: FS 10429 PR

Consultation and Public Participation Report



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

NAME OF APPLICANT: AMOGELANG LOGISTICS CC

REFERENCE NUMBER: FS 30/5/1/1/2/10429 PR

REPORT ON THE RESULTS OF CONSULTATION

WITH COMMUNITIES AND INTERESTED AND AFFECTED PARTIES

AS REQUIRED IN TERMS OF SECTIONS, 16(4)(b) or 27 (5) (b) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT (ACT 28 of 2002), AND IN ACCORDANCE WITH THE STANDARD DIRECTIVE FOR THE COMPILATION THEREOF AS PUBLISHED ON THE OFFICIAL WEBSITE OF THE DEPARTMENT OF MINERAL RESOURCES.

A. Definitions

‘consultation’ means a two way communication process between the applicant and the community or interested and affected party wherein the former is seeking, listening to, and considering the latter’s response, which allows openness in the decision making process.

‘community’ means a group of historically disadvantaged persons with interest or rights in a particular area of land on which the members have or exercise communal rights in terms of an agreement, custom or law: Provided that, where as a consequence of the provisions of the Act negotiations or consultations with the community are required, the community shall include the members or part of the community, directly affected by prospecting or mining, on land occupied by such members or part of the community.

‘Interested and affected’ parties include, but are not limited to; –

- (i) Host Communities
- (ii) Landowners (Traditional and Title Deed owners)
- (iii) Traditional Authority
- (iv) Land Claimants
- (v) Lawful land occupier
- (vi) The Department of Land Affairs,
- (vii) Any other person (including on adjacent and non-adjacent properties) whose socio-economic conditions may be directly affected by the proposed prospecting or mining operation
- (viii) The Local Municipality,
- (ix) The relevant Government Departments, agencies and institutions responsible for the various aspects of the environment and for infrastructure which may be affected by the proposed project.

B. Report on the results of consultation

1. Methodology applied to consultation.

- 1.1. Name the community or communities identified, or explain why no such community was identified.

None. The farms are privately owned.

1.2. Specifically state whether or not the Community is also the landowner.

No. The farms are owned by private individuals

1.3. State whether or not the Department of Land Affairs been identified as an interested and affected party.

The Department of Rural Development and Land Reform has been notified.

1.4. State specifically whether or not a land claim is involved.

There is no land claim on the farm.

1.5. Name the Traditional Authority identified

None

1.6. List the landowners identified by the applicant. (Traditional and Title Deed owners)

Farm Name 1: Beaton 38

Portion	Owner	Title Deed No
0	STEYN ELIZABETH AGNES	T10513/2007
1	GROENFONTEIN NEL BOERDERY TRUST	T31754/2000
2	ERASMUS JACOBUS COETZEE	T28414/1999

Farm Name 2: Hillbrow 120

Portion	Owner	Title Deed No
0	JAPIE VAN DEN BERG TRUST	T12501/1996
1	JAPIE VAN DEN BERG TRUST	T12501/1996

Farm Name 3: Lynch 246

Portion Owner	Title Deed No
0 COBUS BOTHA TRUST NOMMER II	T12108/2012
1 BEUKES ANNA CECILIA	T7062/2009
2 S J BEUKES TRUST	T13756/2015

All farms are situated in the magisterial district of Viljoenskroon.

1.7. List the lawful occupiers of the land concerned.

The land Owners occupy the land and are farming on all the properties.

1.8. Explain whether or not other persons' (including on adjacent and non-adjacent properties) socio-economic conditions will be directly affected by the proposed prospecting or mining operation and if not, explain why not.

The potential benefits if all the quality and quantity of the sought mineral can be established by exploration during the prospecting period will change the current economic landscape of the area for the betterment of the local communities through job creation if the development is taken ahead.

1.9. Name the Local Municipality identified by the applicant

Moqhaka Municipality (Viljoenskroon).

1.10. Name the relevant Government Departments, agencies and institutions responsible for the various aspects of the environment and for infrastructure which may be affected by the proposed project.

Rural Development and Land Reform/Land Affairs

Department of Water Affairs and Sanitation

- 1.11. Submit evidence that the landowner or lawful occupier of the land in question, and any other interested and affected parties including all those listed above, were notified.

Mr Herman Nel owner of ptn 1 of the farm Beaton (Groenfontein nel Boerdery Trust) was consulted at his office in Vierfontein Town on the 13th July 2016.

Mr Japie Van Den Berg was consulted on the 13th of July 2016 at the farm Hillbrow 120.

Mr Hanco Steyn owner of ptn 0 of the farm Beaton was consulted telephonically and through emails on the 14th July 2016. He was not at the farm at the time of farm visit.

Mr Erasmus Jacobus Coetzee, owner of ptn 2 of the farm Beaton was consulted telephonically and through emails on the 14th July 2016. He was not at the farm at the time of farm visit.

Mr Cobus Botha was consulted on the 13th of July 2016 at the farm Lynch 246.

Mr Stefan Beukes (S J Beukes Trust) , owner of ptn 1 and 2 of the farm Lynch 246 was consulted telephonically and through emails on the 14th July 2016. He was not at the farm at the time of farm visit.

All the farms were visited on the 13th July 2016

Mr Dawid Senekal (Attorney for all the landowners) was consulted on the 25th August 2016 at his offices.

Site Notices were put at Moghaka Municipality and Viljoenskroon Library notice boards on the 12th of August 2016.

A Newspaper Advertisement appeared on the Volksblad on the week of 17th August 2016, notifying the public and any other interested and affected parties.

A public Participation meeting was held on the 26th of August 2016 at Viljoenskroon Library.

Interested and affected parties were also sent the copy of the Basic Assessment Report and EMPr through email for their comments

The Basic Assessment Report and EMPr was also uploaded to the South African Heritage Resource Agency website SAHRIS System on the 15th September 2016.

A letter was sent to the Department of Water and Sanitation, Bloemfontein Office on the 15th of September 2016, notifying them of the application in the farms.

2. Description of the existing status of the cultural, socio-economic or biophysical environment, as the case may be, prior to the proposed prospecting or mining operation.

2.1.1. Confirm that the identified and consulted interested and affected parties agree on the description of the existing status of the environment.

The area falls within the Vierfontein Biosphere with several sub-habitats, which is fundamentally a dry deciduous forest, Vaal-vet Sandy Grassland and Pure Grassveld type. The interested parties agree on the description. However the area has been extensively cleared for maize crop farming that no original vegetation exist on the farm.

2.1.2. Describe the existing status of the cultural environment that may be affected

No cultural environment has been identified that might be affected by mineral prospecting thus far.

2.1.3. Describe the existing status of any heritage environment that may be affected

No heritage site were identified and any area that might be identified later on will thus be noted and avoided during prospecting activities. There are grave sites on the farm which are fenced and will be avoided at all times.

2.1.4. Describe the existing status of any current land uses and the socio-economic environment that may be directly affected

The farms are fully maize crop fields with some lucern grass also grown in some farms. Prospecting will not occur during crop season or the farmers will be compensated for the loss of crops should there be a need to clear some crops to make space for the drill rigs.

2.1.5. Describe the existing status of any infrastructure that may be affected.

Current road, water and electrical infrastructure will not be adversely affected. The roads might be improved for greater access to some remote areas in some cases although this will be done in conjunction with farmers and local authorities.

2.1.6. Describe the existing status of the biophysical environment that will be affected, including the main aspects such as water resources, flora, fauna, air, soil, topography etc.

Drilling will be done about 100 m away from Roads, Water and build up areas to make sure not be affected by the prospecting. Flora, fauna that will be identified as under threat from prospecting activities will be avoided.

2.1.7. Provide any relevant additional information.

See attached comments

3. The anticipated environmental, social or cultural impacts identified.

3.1. Confirm that the community and identified interested and affected parties have been consulted and that they agree that the potential impacts identified include those identified by them.

3.1.1. Provide a list and description of potential impacts identified on the cultural environment.

No concerns relating to cultural heritage environments

3.1.2. Provide a list and description of potential impacts identified on the heritage environment, if applicable.

Heritage resources, including archaeological or palaeontological site may not be disturbed without a permit from the heritage specialist

3.1.3. Provide a list and description of potential impacts identified on the socio-economic conditions of any person on the property and on any adjacent or non adjacent property who may be affected by the proposed prospecting or mining operation.

The growth potential of the largely agrarian economy will be transformed to add more people into the working and middle class income level while their domestic infrastructure is bound to improve as well.

3.1.4. Provide a list and description of potential impacts (positive & negative) identified on: employment opportunities, community health, community proximity.

Dust- low- Vehicle will be instructed to drive at low speeds

Access roads -will be swept regularly

Prospect activities will mainly occur during season of low wind gust

Noise pollution- Low- All rigs are fitted with silencers to minimize noise

Rigs will not be allowed to operate at night close to communities

Minor Exhaust Smoke- The machine will be serviced regularly to avoid minor smoke

Topsoil disturbance- low -Topsoil is normally not disturbed in the process. Where topsoil is removed it is stored for later replacement i.e. for digging of drill sumps.

Oil spills- Low - Any spillage onto the ground will be dug and disposed of in designated landfill operation

3.1.5. Provide a list and description of potential impacts identified on the biophysical environment including but not be limited to impacts on: flora, fauna, water resources, air, noise, soil etc.

Site of ecological importance identified will be avoided if there.

Sensitive grassland, clusters of indigenous trees and shrub or similar climbing that may contain a large biodiversity of threatened and endangered species will be avoided.

Farmlands actively used for farming will be avoided at all cost. Preferably to be avoided.

Access and farm regarded as preferential drilling sites where the drilling position must be structured in manner that will still allow traffic to continue normally.

3.1.6. Provide a description of potential cumulative impacts that the proposed operation may contribute to considering other identified land uses which may have potential environmental linkages to the land concerned.

Main activity in the area is maize crop farming. Minimal to no impact as the only probable environmental impact might be clearing of maize crops to access some potential drilling/sampling locations.

4. Land use or development alternatives, alternative means of carrying out the proposed operation, and the consequences of not proceeding with the proposed operation.

4.1. Provide a list of and describe any alternative land uses that exist on the property or on adjacent or non-adjacent properties that may be affected by the proposed mining operation.

N/A

4.2. Provide a list of and describe any land developments identified by the community or interested and affected parties that are in progress and which may be affected by the proposed mining operation.

N/A

- 4.3. Provide a list of and describe any proposals made in the consultation process to adjust the operational plans of the mine to accommodate the needs of the community, landowners and interested and affected parties.

N/A

- 4.4. Provide information in relation to the consequences of not proceeding with proposed operation

This will be a missed opportunity to potentially transform and grow the town of Viljoenskroon and also the opportunity to improve the socio-economic conditions of the local communities through job creations and skills development.

5. Description of the process of engagement referred to in 3.2.1 and 3.2.2 above with identified communities, landowners and interested and affected parties.

- 5.1. Provide a description of the information provided to the community, landowners, and interested and affected parties to inform them in sufficient detail of what the prospecting or mining operation will entail on the land, in order for them to assess what impact the prospecting will have on them or on the use of their land;

Acceptance letter, detailing the status of affairs with regards to our application for prospecting in their area. A Basic Information Document (BID), Questionnaire and a map were also provided to the Land Owner, interested and affected parties.

- 5.2. Provide a list of which of the identified communities, landowners, lawful occupiers, and other interested and affected parties were in fact consulted.

- 1. Mr Hanko Steyn - Beaton Ptn 0. - Cell: 072 783 4845**
- 2. Mr Herman Nel - Beaton Ptn 1. - Cell:**
- 3. Mr Erasmus Jacobus Coetzee - Beaton Ptn 2. - Cell: 082 554 4920**
- 5. Mr Japie Van Den Berg - Hillbrow 120 Ptn 0 and 1. - Cell: 083 378 8911**
- 6. Mr Cobus Botha - Lynch 246 Ptn 0. - Cell: 082 464 4429**
- 7. Mr Stefan Beukes - Lynch 246 Ptn 1 and 2. - Cell: 082 871 1767**
- 8. Mr Dawid Senekal (land Owners Attorney - Cell: 082 416 7094**
- 9. The Public - Through site notices and Newspaper Advertisement**

- 5.3. Provide a list of their views raised in regard to the existing cultural, socio-economic or biophysical environment, as the case may be.

The area is mainly cleared flat lands for maize crop farming. The area is arable land. Coal is there but they are not sure of the quality.

- 5.4. Provide a list of their views raised on how their existing cultural, socio-economic or biophysical environment potentially will be impacted on by the proposed prospecting or mining operation.

Prospecting should be done after harvesting and before planting.

A contract will have to be agreed on with the land owners before drilling commences.

Prospecting should be done in a responsible manner so that there is no

Water pollution

Noise and air pollution.

Disturbance of Roads

Security risk on Land Occupiers

- 5.5. Provide list of any other concerns raised by the aforesaid parties.

The land owners agree that prospecting should be done once all the specialist studies are done and agreed by all parties.

- 5.6. Provide the applicable minutes and records of the consultations as appendices.

Please see attached supporting documentation

- 5.7. Provide information with regard to any objections received.

None.

- 6. Describe the most appropriate means to carry out the proposed operation with due accommodation of the issues raised in the consultation process.**

Prospecting to be done in conjunction with the land owners. They will be included in the drilling process so as to guide the drilling company should the need arise. Access agreements and compensation should also be agreed on before prospecting commences.

C. IDENTIFICATION OF THE REPORT

The report on the results of consultation must, at the end of the report include a certificate of identification as follows;

Herewith I, the person whose name and identity number is stated below, confirm that I am the person authorised to act as representative of the applicant in terms of the resolution submitted with the application, and confirm that the above report comprises the results of consultation as contemplated in Section 16 (4) (b) or 27 (5) (b) of the Act, as the case may be.	
Full Names and Surname	Tshifularo Gregory Ngoma
Identity Number	811007 5504 083

- END -

**MINERAL RESOURCES****Department
Mineral Resources
REPUBLIC OF SOUTH AFRICA**

Private Bag X33, Welkom, 9460, Tel: (057) 391 1300, Fax: (057) 357 6003
314 Stateway, The Strip Building, Second Floor, Welkom, 9459
Enquiries: D. Gumede Ref: FS 30/5/1/1/2/10429 PR

REGISTERED MAIL

The Member/s
Amogelang Logistics CC
P.O Box 39094
Booysens
2016

Fax: 012 460 3564/ 086 667 7365/ 086 577 8970
Tel: 012 460 3564/078 093 2277

Attention: K.M Nchoke

**NOTICE OF AN ACCEPTANCE OF AN APPLICATION FOR PROSPECTING
RIGHT IN TERMS OF SECTION 16(2) OF THE MINERAL AND PETROLEUM
RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) (AS
AMENDED) [HEREIN AFTER REFERRED TO AS THE MPRDA]**

1. Please be informed that your application for prospecting of Coal and Clay on remaining extent and portion 1 of the farm Beaton 30, remaining extent and portion 1 of the farm Hillbrow 120 and remaining extent, portions 1 and 2 of the farm Lynch 246, all situated in the Magisterial district of Viljoenskroon is hereby accepted in terms of section 16(2) of the MPRDA.

2. Please note further that in terms of section 17(1) MPRDA, you are required to give effect to the objects referred to at section 2(d) of the MPRDA. Therefore please submit on or before **26 July 2016** to this office any documentation proving such including but not limited to:-
- 2.1. Certified copies of share certificates and shareholders register
 - 2.2. Certified copies of Shareholders agreements
 - 2.3. Certified copies articles and memorandum of association of the Close Corporation
 - 2.4. Trust deed documents and letters of authority for any trust holding shares
 - 2.5. Details relating to funding (all relevant agreements)
 - 2.6. 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 MPRDA and Mining Charter.
3. Take further note that the acceptance of this application does not imply that you may prospect on the land accepted for, however merely implies that your application is being processed further.

Yours faithfully



K.M MUDAU

ACTING REGIONAL MANAGER: MINERAL REGULATION

FREE STATE REGION

DATE: 14/06/2016

APPLICATION FOR A PROSPECTING RIGHT FOR COAL AND CLAY ON THE FARMS BEATON 38, HILLBROW 120 AND LYNCH 246, REFERENCED FS 30/5/1/1/2/10429 PR SITUATED IN THE VILJOENSKROON MAGISTERIAL DISTRICT, FREE STATE PROVINCE

BASIC INFORMATION DOCUMENT

DESCRIPTION OF THE PROPOSED ACTIVITIES

INTRODUCTION

Amogelang Logistics CC is a junior mining company focusing on the prospecting, development, commissioning, extraction and marketing of Coal, Copper, Platinum Group Metals and other Base Metals.

The company has submitted an application that was accepted by the Department of Mineral Resources (DMR) in the Free State Region, Welkom Office.

The farms on which the prospecting activities are to take place include:

Farm Name	No.	Portions
Beaton	38	Whole Farm
Hillbrow	120	Whole Farm
Lynch	246	Whole Farm

The area lie about 20 KM West of Viljoenskroon Town west of the R501 Road.

PURPOSE OF THE INFORMATION DOCUMENT

The purpose of this document is to:

- Create an awareness of the project and the planned activities;
- Invite you to provide input which you believe needs to be taken into consideration during the prospecting activities and implementation of the Environmental Management Plan and Basic Assessment Report.

The company intends to undertake a prospecting work programme which includes the following activities:

Phase 1 (Month 1 to 12)

- Desktop studies: This will include a study of historical geological data for the commodities of interest
- Reconnaissance Mapping: Geological Mapping of the area using historical data and satellite photography;
- Geochemical surveys: this involves the sampling of rock chips or surface samples to understand the geochemical make up of the rocks and the mineralization potential;

Phase 2 (Month 13 to 24)

- Diamond and percussion drilling: stratigraphic data will be obtained through drilling of boreholes; It is estimated that
- Diamond core drilling of 10 boreholes to an average depth of 100 meters on a Wide Grid

Phase 3 (Month 25 to 36)

- Infill Diamond core drilling of a further 10 boreholes to an average depth of 100 meters on a narrow grid to further establish the resource.
- Geological Analysis: Ongoing office based mapping of information collected in the field. Ongoing data analysis to guide and prioritize prospecting activities.

Phase 4 (Month 37 to 60)

- Feasibility Study
- Desktop study of geological reports, drilling results, resource estimations and market research
- Mine Planning, Possible Mine Infrastructure and designs
- Environmental Impact Assessments
Environmental Management Plans to mitigate and manage possible impacts on the environment.

These activities will be taking place simultaneously at any given time; however, some activities may be undertaken only if the preceding activities yield favorable results.

POTENTIAL ENVIRONMENTAL IMPACTS

Taking the proposed activities and the project area into consideration, the following potential environmental impacts have been identified:

- Impacts on fauna and flora – although no access roads are to be constructed, access to the site by vehicle and on foot will adversely affect the flora. The drilling activities will also require the clearing of flora where the drill rig will be placed. Protected plant species will not be removed
- Impacts resulting from noise – this is most likely to occur during the drilling operations;
- Impacts on air quality – dust from vehicles accessing the project area on gravel roads and from drilling will have little impact on the regional and local air quality.
- Impacts on Water Resources – waste water from the drill rig will be captured in a lined sump and be reused and finally disposed in a responsible manner;
- Waste generation - Waste generated on site will also be disposed in a responsible manner according to guidelines in the Environmental Management Plan.
- Rehabilitation of disturbed areas and capping of boreholes.

You are welcome to comment on the above list of potential impacts and to provide additional anticipated issues and possible impacts which should be addressed.

For more information and/or to submit comments on the project, please use the contact details provided below.

CONTACT DETAILS

Mr Tshifularo Gregory Ngoma
Cell: 079 912 6434
Fax: 086 577 8970
tshifularo.ngoma@yahoo.com

Title Deed Details

Ptn	Farm Owner	Title Deed No
	Beaton 28	
0	STEYN ELIZABETH AGNES	T10513/2007
1	GROENFONTEIN NEL BOERDERY TRUST	T31754/2000
2	ERASMUS JACOBUS COETZEE	T28414/1999
	Hillbrow 120	
0	JAPIE VAN DEN BERG TRUST	T12501/1996
1	JAPIE VAN DEN BERG TRUST	T12501/1996
	Lynch 246	
0	COBUS BOTHA TRUST NOMMER II	T12108/2012
1	BEUKES ANNA CECILIA	T7062/2009
2	S J BEUKES TRUST	T13756/2015

Consultation

Date: July 2016

Mr Tshifularo Gregory Ngoma
Cell: 079 912 6434 Fax: 086 577 8970
Email: tshifularo.ngoma@yahoo.com

Amogelang Logistics CC intends to prospect for **Coal and Clay**, application referenced: **FS 30/5/1/1/2/ 10429 PR** on the farms **Beaton 38, Hillbrow 120 and Lynch 246**, situated in the magisterial district of **Viljoenskroon** in the **Free State Province** of South Africa.

Please Mark with an X

No Objection	
Objection	

Reasons for Objection/Comments

--

My contact details are as follows:

Name: _____

Owner/Interested and Affected party of: _____

Postal address: _____

Email address/Fax: _____

Cell/ Tel: _____

Yours sincerely,

Signature

Consultation

Date: 13 July 2016

Mr Tshifularo Gregory Ngoma

Cell: 079 912 6434 Fax: 086 577 8970

Email: tshifularo.ngoma@yahoo.com

Amogelang Logistics CC intends to prospect for **Coal and Clay**, application referenced: **FS 30/5/1/1/2/ 10429 PR** on the farms **Beaton 38, Hillbrow 120 and Lynch 246**, situated in the magisterial district of **Viljoenskroon** in the **Free State Province** of South Africa.

Please Mark with an X

No Objection	
Objection	X

Reasons for Objection/Comments

Lawyers will handle it

My contact details are as follows:

Name: Herman

Owner/Interested and Affected party of: ptn 1 of Beaton 38

Postal address:

Email address/Fax:

Cell/ Tel:

Yours sincerely,

Signature

Herman

Consultation

Date: 13 July 2016

Mr Tshifularo Gregory Ngoma
Cell: 079 912 6434 Fax: 086 577 8970
Email: tshifularo.ngoma@yahoo.com

Amogelang Logistics CC intends to prospect for **Coal and Clay**, application referenced: FS 30/5/1/1/2/ 10429 PR on the farms **Beaton 38, Hillbrow 120 and Lynch 246**, situated in the magisterial district of **Viljoenskroon** in the **Free State Province** of South Africa.

Please Mark with an X

No Objection	
Objection	X

Reasons for Objection/Comments

Our lawyers will be in touch.

My contact details are as follows:

Name: Cobus

Owner/Interested and Affected party of: Lynch 246 ptn 0


Postal address:

Email address/Fax:

Cell/ Tel: 082 464 4429

Yours sincerely,

Signature



DAWID SENEKAL ING

Reg. No. 1997/017254/21

PROKUREURS/NOTARISSE/AKTEVERVAARDIGERS/BOEDELBEREDDERAARS/TAKSATEUR
ATTORNEYS/NOTARIES/CONVEYANCERS/ADMINISTRATOR OF ESTATES/APPRaiser

SEDERT * 1925 * SINCE

18 ENGELBRECHT STR. 18

VILJOENSKROON
9520
VRYSTAAT/FREE STATE

P O BOX / POSBUS 2

VILJOENSKROON
9520

TEL: (056) 343 3041

TEL: 0824167094/6

FAKS: (056) 343 0793/086 621 4623

Email: linette@dsing.co.za

Ons Verw / Our Ref : D J SENEKAL/LB/D/J

U Verw / Your Ref :

4 August 2016

The Members

Amogelang Logistics CC

E-mail : admin@amogelang.co.za

Cc: tshifularo.ngoma@yahoo.com

Sir

PROSPECTING FOR COAL AND CLAY ON FARMS BEATON 38, HILLBROW 120 AND LYNCH 246 VILJOENSKROON

We are acting on behalf of all the land owners of the above-mentioned farms. The owners of the respective farms are as follows:

	PORTION	OWNER	TITLE DEED NUMBER
FARM BEATON 38	0	STEYN ELIZABETH AGNES	T 10513/2007
	1	GROENFONTEIN NEL BOERDERY TRUST	T 31754/2000
	2	ERASMUS JACOBUS COETZEE	T 28414/1999
FARM HILLBROW 120	0	JAPIE VAN DEN BERG TRUST	T 12501/1996
	1	JAPIE VAN DEN BERG TRUST	T 12501/1996
FARM LYNCH 246	0	COBUS BOTHA TRUST NO II	T 12108/2012
	1	BEUKES ANNA CECILIA	T 7062/2009
	2	S J BEUKES TRUST	T 13756/2015

We confirm that all the owners are objecting to the prospecting rights being granted since these farms consist of high potential arable land. All correspondence to the above-mentioned land owners must be addressed to our offices in future.

Yours faithfully

DAWID SENEKAL INC

www.volksblad.com

OM TE ADVERTEER SKAKEL

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E: adverts@volksblad.com / rochelle.langeveldt@volksblad.com (Kimberley)

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ROMMEL-VERWYDERING

1-STOP-VERVOER: Vervoer meubels, boumateriaal, tuynwulvis en boumateriaal. Saag van bome, dek grasdakke. Jan 082 415 5812.

SEKURITEIT

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• Noodinstallasies binne 24 uur

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LEWENDE HAWE EN PLUIMVEE

Geregistreerde veevoer: Droogteppie R160/40 kg. Ram-/lam-/oipille R120/40 kg. Winterblok R125/25 kg. Perde- en wildpille /lekklok. Integrifeeds. BFN Anri 072 928 9635.

PRODUKTE

Braaikuikenis te koop - groot vrage. Skakel 082 448 8876.

SAKE

Arboretum: 1 sk, 1 bad, parking. R3 500 p.m. onmiddellik.

LHP: 1 sk, 1 bad, 1 afdak, R3 950 p.m. 1 Sept. beskikbaar.

Willows: 1 sk, 1 bad, 1 afdak, R3 500 p.m. 1 Sept. beskikbaar.

Nancy: 072 220 2520. Empire Prop.

Gemeubileerde 2-sik woonstel te huur vir R10 000 per maand. Langtermynhuurders. 1-sik ongemeubileerde woonstel te huur. R3 500 p.m. in Unieaan. Skakel Terra Rand 051 430 4400 tussen 08:00 en 12:30.

Hospitaalpark: Ruim 1 sk tuin woonstel R2500 p.m. plus water en elek. Jan 082 7673312

1-sik-woonstel vir 1 persoon in Pellissier. R2 800 p.m. plus dep. Water ingesl. Krag uitgesl. Afdak. GEEN DIERE. ☎ 081 411 7757.

PELLISSIER: 2 bedr. 1 bath. Lounge. 1 carport. R4 800 p.m. Available immediately. Jan 082 451 5068.

TE HUUR
Hamilton: Stoor 1 - 576 vk m Stoor 2 - 122 vk m of beide: 698 vk m. Kruger 083 305 8805.

TE HUUR
Vir die koop, verkoop en verhuur van eiendom. Skakel ons gerus: Schalk 082 579 1845. Hantie en Irene 051 448 9431. EDRIC TRUST.

GEMEUBILEERDE AKKOMMODASIE
CASABLANCA: Fully furnished, air-conditioned, self-catering chalets. Safe under-roof parking. 076 319 6822.

TUINWOONSTELLE TE HUUR
Vellige 2-sik-tuin-woonstel in Fichardtpark te huur. Geen klein kinder of diere. R4 500 p.m. W en F ingesl. ☎ 082 856 1173.

HUISE TE KOOP
BAYSWATER: R4,5 miljoen. Karakervolle 6-sik, 4 bad, 4 gesel-lyke leefareas. Onthaal by swembad, pragtuit, boor- gat, swembad. 3 m/2, 2 in suite-geskepers. Nancy 072 220 2520 Empire Prop.

LHP: R1,599 m. 3 sik, dubbelgeriewe, lapa, swembad. Bonus: 2-sik-woonstel. Rie 076 081 7857 RP.

HUISE TE HUUR
Ruim 3-sik-leefarea, 2 bad, groot leefarea, motorhuis vir 4 motors, groot tuin, trektrek, swembad. R8 800 p.m. Bainsvlei. Slegs 3 km van LHP. Skakel 073 145 6309.

Westdene, BFN: 125-vk m-kantoorruimte te huur. Ontersneties, baie vlieë, besk. 1 Sept. Skakel 082 375 6610.

Hamilton, 500 sm: Warehouse/Workshop with offices, 3 phase elec. R7000 plus VAT. 0725665995

Kantoorruimte te huur in goeie geleë sentrum in Westdene, BFN. 082 553 9447.

WATER IS LEWE! BOOR! R15 is 31 jaar in die bedryf. Skakel Jacques Coetzee by 083 486 9539 of Dawie Coetzee by 083 368 3725/051 443 8932.

WATERBOORGATE: BOORKONTRAKTEUR: Boor, teels en toers. Gediensdierse sawmyns. Conrad 082 781 3219. thebanuchdrilling.co.za

WATER IS LEWE! BOOR! R15 is 31 jaar in die bedryf. Skakel Jacques Coetzee by 083 486 9539 of Dawie Coetzee by 083 368 3725/051 443 8932.

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WOONSTELLE TE KOOP

WILLOWS: AFTREE- EENHEID. 2 sk, 1 bad. Dringende verkoop. R650 000. Hennie 082 923 5653 Pan Golding Properties

WOONSTELLE TE HUUR
2 Lovely Bainsvlei Lodge 2 bedroom flats available for rent from 1 Sept. Pre-paid electricity, undercover parking. 24 Hour security on the premises. R4 500 p.m. Annemarie 082 537 9680 Beverly 051 451 2070 ref:0406

WOONSTELLE TE HUUR
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Uitsig: 3-sik-huis met woonstel en buur. W 1 uitgesluit. R7 000 p.m.

Dep. vooruit betaalbaar: R7 000 Besk. 1 Sept. 2016. Skakel 083 630 2533.

AFTREEOORDE TE HUUR
HOSPITAALPARK: Woonstel in Aftree-Oord te huur. 1 bedr, 1 bath, lounge, 1 carport. R4 300 p.m. Available 1 SEPT. 2016. Jan 082 451 5068 BCF Properties.

MEENTHUISE TE KOOP
HELICONHOOGTE: Pragtige 3-sik, 2 bad, kombuis, aparte opwas, baie kaste, groot spens, 2 m. Looftand. 177 vk m. Nancy 072 220 2520 Empire Prop.

LHP: Winkoop van die jaar! 2 sik, volbad, oopplan, parking. Slegs R675 000. Gou spring. Chris 082 377 2895.

Pell



NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

Moqhaka is given of a joint application to the Free State Department of Economic Small Business Development, Tourism and Affairs (Economic Development) in terms of the NEMA (Act No. 203 of 2002) for the decommissioning and closure of a landfill on a portion 1 of the farm Northwagh 422, Vrijheidsspoor.

A Basic Assessment Process will be undertaken as required as the activity is defined as a listed activity in terms of GMA (Act 1999-2013) Category A, Activity 14.

Activities will include the decommissioning and rehabilitation of the existing landfill. Waste will be removed and stored and the facility will be fenced to restrict access. The area will be seeded to encourage the regrowth of vegetation.

Applicant: Moqhaka Local Municipality

The environmental consultant is EKO Environmental, Suite 156, Pilling 801, Brandvlei-BLOOMFONTEIN, 9294, in contact with Mr. De Villiers at 011 444 4100 (Tel: 086 587 2110 (Fax: 011 444 4100)). The reports can also be obtained from Mr. De Villiers on request.

A public meeting will be held at the Vrijheidsspoor library at 12 CE on Thursday, 20 September 2015 to discuss the project.

NOTICE - DNR REF NO: ES/14/EM/15/1

ALLENBURY ENVIRONMENTAL CONSULTING (Pty) Ltd, 111, 113, 115, 117, 119, 121, 123, 125, 127, 129, 131, 133, 135, 137, 139, 141, 143, 145, 147, 149, 151, 153, 155, 157, 159, 161, 163, 165, 167, 169, 171, 173, 175, 177, 179, 181, 183, 185, 187, 189, 191, 193, 195, 197, 199, 201, 203, 205, 207, 209, 211, 213, 215, 217, 219, 221, 223, 225, 227, 229, 231, 233, 235, 237, 239, 241, 243, 245, 247, 249, 251, 253, 255, 257, 259, 261, 263, 265, 267, 269, 271, 273, 275, 277, 279, 281, 283, 285, 287, 289, 291, 293, 295, 297, 299, 301, 303, 305, 307, 309, 311, 313, 315, 317, 319, 321, 323, 325, 327, 329, 331, 333, 335, 337, 339, 341, 343, 345, 347, 349, 351, 353, 355, 357, 359, 361, 363, 365, 367, 369, 371, 373, 375, 377, 379, 381, 383, 385, 387, 389, 391, 393, 395, 397, 399, 401, 403, 405, 407, 409, 411, 413, 415, 417, 419, 421, 423, 425, 427, 429, 431, 433, 435, 437, 439, 441, 443, 445, 447, 449, 451, 453, 455, 457, 459, 461, 463, 465, 467, 469, 471, 473, 475, 477, 479, 481, 483, 485, 487, 489, 491, 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Minutes of the meeting with Mr Dawid Senekal

Place : Dawid Senekal Ing, 18 Engelbrecht Street (Viljoenskroon Town), Free State

Participants : Mr Tshifularo. G. Ngoma and Mr Dawid Senekal

Called by : Amogelang Logistics CC

Date/Time : 25th August 2016/ 12- 13:00pm (SA Time)

AGENDA:

1. Amogelang Logistics CC Application for prospecting right for coal and clay on the farms Beaton 38, Hillbrow 120 and Lynch 246 Referenced: **FS 10429 PR**
2. Amogelang Logistics CC received a letter dated 04 August 2016 from Dawid Senekal Ing indicating that they represent all the land owners and all correspondence should be through their office.

Mr Tshifularo Gregory Ngoma chaired the meeting:

- Mr Tshifularo G Ngoma gave copies of the consultation pack to Mr D Senekal. The pack consisted of Acceptance Letter from the Department of Mineral Resources, A Basic Information Document (BID)/summary of the prospecting work programme and a reply template and Questionnaire about the land applied for.
- Mr Tshifularo Gregory Ngoma introduced the company and the purpose of the meeting.
- Amogelang Logistics CC has applied for a prospecting right for coal and clay over the farms Beaton 38, Hillbrow 120 and Lynch 246 over a 5 year period.
- In summary the Application has four phases
 - A) Phase 1 (0-12 Months)
 - This will be the first 12 months of the prospecting activities. Various literature studies and historic geological data will be studied to try and establish previous data on the farms
 - Geo-Physical surveys may also be done by walking through the farm with hand held instruments to detect mineralisation or mineral distribution on the farm.
 - Specialist studies.
 - B) Phase 2 (13-24 Months)

AMOGELANG LOGISTICS CC REG: 2008/044614/23

- About 10 Boreholes will be drilled through out the farms. Samples will be taken to the labrotary to determine the quality and Quality. Boreholes will be rehabilitated concurrently.

C) Phase 3 (25-36 Months)

- About 10 further Boreholes will be drilled where the minerals were found during phase 1. Samples will be taken to the labrotary to determine the quality and Quality. Boreholes will be rehabilitated immediately.

D) Phase 4 (37-60 Months)

- Feasibility studies will be conducted on the boreholes data. Should the results of drilling yield positive results, a mining right will be applied for.
- MrTshifularo indicated that prospecting is not mining and will have less impact on the land.
- The company needs comments, inputs, suggestions from the landowners, interested and affeced parties on how we can work together to conduct the best prospecting activities on the farms in question.

Mr Dawid Senekal commented that:

- The land owners of the three farms Beaton 38, Hillbrow 120 and Lynch 246 have given him a mandate to represent them on this appplication.
- He also indicated that Mr Cobus Botha had initially requested Richter and Hill Attorneys and they sent a letter to Amogelang Logistics CC. However, the letter does not apply anymore as he has the joint mandate from all the farmers involved.
- The farmers will not object to prospecting on their land. The landowners are worried about mining in the area and not so much about prospecting area.
- Their land is mainly arable land used for maize crops farming, Lucerne and cattle farming.
- The landowners need Amogelang Logistics to comply with the Legislation. They will have their Environmental Practitioner to look at their interest regarding Environmental Management Plan/Basic Assessment Reports so that everything is done lawfully.
- If Amogelang Logististics CC obtains the prospecting rights a drilling contranct will have to be agreed on.
This will include:

AMOGELANG LOGISTICS CC REG: 2008/044614/23

- Drilling after harvesting and before planting
- Access - Drilling days and hours
- Compensation for every borehole drilled

Responses

- Mr Gregory Ngoma responded that the company has as per the Department of Mineral Resources (DMR) requirements conducted consultations and have done site notices, newspaper advertisement and will be conducting a Public Participation Meeting on the 26th of August 2016 at Viljoenskroon Library between 11H00 and 13H00.
- The company is also having a draft Basic Assessment Report to be completed and submitted to the DMR on or before the 15th September 2016.
- The company will comply with the legislation and adhere the best industry practice and standards during prospecting activities and is looking forward to work together with the land owners and their representatives in this project.

Action Items :

- Mr Dawid Senekal will write a response to Amogelang Logistics CC regarding this consultation and copy the Department of Mineral Resources.
- They would like to have a copy of the Environmental Management Plan/Basic Assessment Report to be able to make comments and for the Environmental Practitioner appointed by the land owners to comment on the project.
- The meeting ended.....

Next meeting schedule: To be announced

Minutes of the public participation meeting on the 26th August 2016

Place : Viljoenskroon Library (Viljoenskroon Town), Free State

Participants : Mr Tshifularo. G. Ngoma and Interested and Affected Parties

Called by : Amogelang Logistics CC

Date/Time : 26th August 2016/ 11- 13:00pm (SA Time)

AGENDA:

1. Amogelang Logistics CC Application for prospecting right for coal and clay on the farms Beaton 38, Hillbrow 120 and Lynch 246 Referenced: **FS 10429 PR**
2. Attendance register was circulated to attendants.

Mr Tshifularo Gregory Ngoma chaired the meeting:

- Mr Tshifularo G Ngoma gave copies of the consultation pack to the attendants. The pack consisted of Acceptance Letter from the Department of Mineral Resources, A Basic Information Document (BID)/summary of the prospecting work programme and a reply template and Questionnaire about the land applied for.
- Mr Tshifularo Gregory Ngoma introduced the company and the purpose of the meeting.
- Amogelang Logistics CC has applied for a prospecting right for coal and clay over the farms Beaton 38, Hillbrow 120 and Lynch 246 over a 5 year period.
- The company has put a newspaper advert on Volksblad on the 17th August 2016. Site notices were also placed on the notice boards of Viljoenskroon Library and also at Moqhaka Municipality.

- In summary the Application has four phases

A) Phase 1 (0-12 Months)

- This will be the first 12 months of the prospecting activities. Various literature studies and historic geological data will be studied to try and establish previous data on the farms
- Geo-Physical surveys may also be done by walking through the farm with hand held instruments to detect mineralisation or mineral distribution on the farm.
- Specialist studies.

B) Phase 2 (13-24 Months)

AMOGELANG LOGISTICS CC REG: 2008/044614/23

- About 10 Boreholes will be drilled through out the farms. Samples will be taken to the labrotary to determine the quality and Quality. Boreholes will be rehabilitated concurrently.

C) Phase 3 (25-36 Months)

- About 10 further Boreholes will be drilled where the minerals were found during phase 1. Samples will be taken to the labrotary to determine the quality and Quality. Boreholes will be rehabilitated immediately.

D) Phase 4 (37-60 Months)

- Feasibility studies will be conducted on the boreholes data. Should the results of drilling yield positive results, a mining right will be applied for.
- MrTshifularo indicated that prospecting is not mining and will have less impact on the land.
- The company needs comments, inputs, suggestions from the landowners, interested and affeced parties on how we can work together to conduct the best prospecting activities on the farms in question.

Questions asked:

- How does the community of Ramolotsi benefit should the project succeed and the mine is opened?
- What is the feeling of the land owners to this application?
- How big is the company and who owns it?
- What type of mine will it be, Open Pit or Underground?
- How long will it take to finish prospecting and know if there is enough quality coal
- How will the company ensure that the community benefit and how will it deal with the politicians and municipality to ensure that not only politically connected people benefit?
- How will the mine help small business development?

Responses

- Amogelang Logistics CC is a 100% Black Owned Company. The company is well establishe and have several busses servicing Northern Cape and North West Provinces. The company has been around since 2008. The company is financially capable of carrying out a proper prospecting activities and rehabilitation
- The company has done farm visits and consulted with the land owners at the farms. The company also consulted the lawyers for the farm owners and the response has been positive.

AMOGELANG LOGISTICS CC REG: 2008/044614/23

- The company has applied for 5 years prospecting right but aim to complete the prospecting activities in 3 years and apply for a mining right should there be positive outcome from the lab results and tests of the samples.
- The coal in the area is expected to be between 20 and 70 meters deep. Therefore open cast mining is the main possibility.
- If the coal is established and the coal is of good quality a mine will be established. Mining right application will require Amogelang Logistics to do a Social and Labour Plan programme. This will estimates all the development, job opportunities, skills development and development projects te company will bring to the area. le.
- Job opportunities for the local people
- Skills development
- Bursaries for students
- Jobs for small businesses
- The company wil be required to work with Moqhaka municipality as they are in charge of infrastructure in the area. The community will have their forums and councillors represented if the need arise.

Mr Tshifularo G Ngoma thanked everyone for attending the meeting

- The meeting ended.....

Pamatra
3 Nov

P.O. Box 39094
Booyens
2016
79 Steenbok Avenue
Monument Office Park
Suite 102 Block 2
Tel: 012 460 3564/04/21
Fax: 012 460 3560
admin@amogelang.co.za

PUBLIC PARTICIPATION MEETING FOR AMOGELANG LOGISTICS CC
REFERENCE NO: FS 30/5/1/1/2/10429 PR
ATTENDANCE REGISTER
DATE: 26 AUGUST 2016, VIJOENSKROON LIBRARY – TIME: 11H00

	NAME	COMPANY	PHONE NUMBERS	SIGNATURE
1	THEMBILE STOKWE	Rammulotsi	0621701471	[Signature]
2	THABISO SEBE	Rammulotsi	076 886 0028	[Signature]
3	Tshepo Mokatsane	Rammulotsi	0722826221	[Signature]
4	MOSHIE JOEL MONTSETO	Rammulotsi	063 086 1263	[Signature]
5	ierato gregoria MOLIPA	LEGREMOIPA (Pty) Ltd	0617599332	[Signature]
6	MONTISI MFUMBA HENDRIK	Rammulotsi	0768764184	[Signature]
7	Sello Motetane	Rammulotsi Trading & Projects (Pty) Ltd	0793246633	[Signature]
8	Lucky J. Z. XOBIA	Rammulotsi	078 607 9820	[Signature]
9	Mzwakhe Mphwi	Rammulotsi	0604273009	[Signature]
10	MIEKE MOLETANE	Rammulotsi	0719597211	[Signature]
11	MXOLISE ERDEST XOBIA	Rammulotsi	0734361919	[Signature]
12	KEDIDIMETSE MOTLHALE	Rammulotsi	0734066585	[Signature]
13	MAISELISO LUCIA KAKUPI	Rammulotsi	0840495424	[Signature]
14	Masemmo Kiasa	Rammulotsi	0735891257	[Signature]
15	Tshifularo Ngoma	Amogelang Logistics cc	0799126434	[Signature]

DAWID SENEKAL ING

Reg. No. 1997/017254/21

**PROKUREURS/NOTARISSE/AKTEVERVAARDIGERS/BOEDELBEREDDERAARS/TAKSATEUR
ATTORNEYS/NOTARIES/CONVEYANCERS/ADMINISTRATOR OF ESTATES/APPRaiser**

SEDERT * 1925 * SINCE

18 ENGELBRECHT STR. 18

**VILJOENSKROON
9520**

VRYSTAAT/FREE STATE

P O BOX / POSBUS 2

**VILJOENSKROON
9520**

TEL: (056) 343 3041

TEL: 0824167094/6

FAKS: (056) 343 0793

Email: linette@dsing.co.za

Ons Verw / Our Ref : D J SENEKAL/LB/D/J

U Verw / Your Ref :

6 September 2016

The Consultant

Amogelang Logistics CC

E-mail : tshifularo.ngoma@yahoo.com

The Department of Mineral Resources

Free State Region

E-mail : mathapelo.mosikidi@dmr.gov.za

Sir

APPLICATION FOR PROSPECTING RIGHT : REFERENCE FS 30/5/1/1/2/10429 PR

We confirm that a meeting was held between writer hereof and mr T G Ngoma , the consultant of Amogelang Logistics CC.

During the meeting the application for a prospecting right was discussed and it was agreed that should the application be granted the respective owners of the various farms will have specific conditions before the applicant will be allowed to gain access to the farms. The specific conditions for access and time frames will be agreed upon and a prospecting contract will be drafted before the applicant will gain access to the various farms.

Yours faithfully

DAWID SENEKAL INC

**DIREKTEUR/DIRECTOR: D.J. SENEKAL B.PROC
BTW NO. 4090171887 VAT NO.
BEE COMPLIANT – CERTIFICATE NO. BMV 562/07**

ATTENTION : Department of Mineral Resource
TITTLE : Public Participation (Granting of Mining License)
TO: Amogelang Logistics C.C

FROM : Rammolutsi Community
CONTACTS :Email : Tshepomokatsane@gmail.com

DATE: 05-09-2016

Dear Sir/ Madam

On the 26th August 2016 as community we attended the workshop called by Amogelang Logistics C.C briefing us of the opening of the mine in our municipality.

As community we find this opening of this mine beneficial to us, as it will benefit us in the following manners: 1. Eradicate/ Reduce unemployment.

2. Community development eg. Education,Infrastructure
3. Upliftment of small business
4. To provide skills for unemployed youth
5. Social development in general living standards of residents.

Like we've shown department on the above benefits, as community we are happy for Amogelang Logistic C.C to mine in our community property (land) because of their consultant/s and our (community) involvement.

We are therefore looking forward to hear from you.

Best Regards



... ..

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To tshifularo.ngoma@yahoo.com

1. THEMBILE STOKWE 062 1701471
2. MFUMBA HONTSI 076 8764184
3. JOSEPH XOBA 078 6079820
4. TSHEPO MOKATSANE 072 2826221
5. THABISO SEBE
6. JOEL MONTSHO 063 0861 263
7. KOTONKOANE THAMSAQA 0744036710
8. TSHIDISO XABA 071 3055514
9. APRIL NKOSI 078 148 1660
10. KUTUKLA SAMUEL 0608766606
11. MATHA MICHAEL FANINKOSI 061 9703391
12. MOSASA ISHMAEL MOEKETSI 079 4663430
13. RADEBE THATO 072 8184239
14. NOMBISELO BELO 078 0308836
15. MPHO MOGOROSI 073 8698325
16. NDOYISILE NCAPAYI 076 8246037
17. RAPPI PULE 079 8446111
18. BULELWA TOYI 0766358956
19. DIKANA KHEDAMILE ISHMAEL 072 9683740
20. RAMPHOHELE MOTSEMME 073 5891297
21. SIMON MOTSEMME 0717681646
22. THANDIWE JOYI 078 1802723
23. SEBATA PHILLIP 060 6224309
24. PALESA FALI 074 8408897
25. LANGA MABONA 0712988951
26. ELISABETH SHOPANE 072 3627609
27. MXOLISI XOBA 073 4361 219
28. FETSI MOSIKILI 0781682690
29. THLALOGANG SELLO 062 8150233
30. REFILOE MOKATSANE 0719334498
31. STEPHEN NTSOLE 072 4455664
32. MAPITSO ROBERTS 0749261447
33. LEFA MBELE 0623370261
34. OUBAS LESENYA
35. MAHLALE MOLOYI 0727800681
36. NCAPAYI NONTOKOLO 081 8036948
37. DIKELEDI NTSHEG 0784429812
38. MAMPHO KOLATSHWEU 073 249 3422
39. SEBOLELO LEKGWANA 0724887854
40. TLAKE MOTHOB 083 8712810
41. NTSWAKI NDABA 072 8836141
42. SIBONGILE MFUMBA 083 6628711
43. LEPATI SHABANGU 072 7934729
44. NTSWAKI MOLETSANE 0728336141
45. MZWAKHE MFUMBA 0833783715
46. ZIBA PAPIKI 084 7372821
47. AUBUTI YABO 072 6722963
48. SWAYI LEKGWABA 0722546900
49. MATSIETSI STHABELA 0607693701
50. GANY MAINE 062 3964476



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MINUTES FOR COMMUNITY MEETING ON 08 SEPTEMBER 2016

VANUE: Rammulotsi Public Library

TIME: 10H00-12H00

AGENDA: Amogelang Logistics Information Session

MEETING CO-ORDINATOR(s): Mr. Hontsi Mfumba & Mr. Thembile Stokwe

10:00- Opening by Mr. Mfumba

Apologies for the late members of the interim committee and a Brief explanation and purpose of the community meeting

10:06- Introduction of the interim members conducting the information session.

10:13-Introduction of amogelang logistics and the consulted who shared information in regards with the future plans and goals of the company and how it aims to contribute to the community of Rammulotsi.

10:27- Discussed the information received from Mr. T G Ngoma ([Consultant for Amogelang Logistics](#)) future more highlighted key information in the regards with the project of coal and clay in the in the located field of operation. Also explained the footprints and location of where the project will be in operation.

10:40- Mr. Mfumba touched the opportunities that Amogelang Logistics will be awarding the youth of Rammolutsi and the whole community.

- [Skills Development for unemployed youth](#)
- [Employment Opportunities](#)
- [Community economy growth](#)
- [Infrastructure development](#)

10:57- Introduction for the next meeting conductor (Mr. Thembile Stokwe)

11:00 Mr. Stokwe elaborated on the issue of how the community of Rammolutsi stand to grow when the project is operating, also went into depth on the rights of land/property in which Amogelang will be operating, also the importance of coal in the industry of energy and its demand.

11:21- Issues of how the process of the issuing license of mining coal in the area can be influenced by positive community activities that should not involve unnecessary political structures.

And also edged the community not to be negatively influenced by political structures on how employment with the project will be handled. The importance of participating in filling the partition form and agreeing and acknowledgement.

11:34- Mr. Stokwe emphasized the importance of having a interim elected by the community to assist and inform and seek opportunities for skilled, semi-skilled and unskilled youth in the community in order in lower the unemployment rate and poverty.

- With that said, a series of processes of employment was highlighted when the project will be seeking labour. (CV submission or Raffle process)
- The issue of skills developing facilities was the main key, and should be heavily proposed to Amogelang logistics

11:49 Mr. Stokwe opened questions.

- Worries of empty/false information?
- How fair will be the opportunities?
- What will happen to the unskilled youth who will not have a place in the project?
- Should some get employed, what will happen when the project closes down?
- What influence does politics have on the establishment of the project?
- How often are meetings going to be conducted in regards with the licensing of the project?
- How will the community be informed about vacancies?

12:09 The Community raised suggestions for a free and fair conduct of opportunities.

The Community Suggests

- Poverty lavation should be the first concern
- Conduct ward profiling, when employment is conducted.
- Establish a forum for future opportunities.
- Involve small companies and help develop them for economy sustainability in the community.
- Eliminate any form of political structure in current and future opportunities in the project.
- Provide solid skills to the unemployed youth in the community.
- Conduct a free and fair selection and opportunities to the community.
- Health awareness and basic information of the health hazards.

12:15 closing of the meeting

Information/minutes compiled by Tshepomokatsane@gmail.com

INTERIM COMMITTEE

Mr. Hontsi Mfumba	076 876 4184
Mr. Sello Moletsane	079 324 6633
Mr. Joseph Xoba	078 607 9820
Mr. Lerato Molipa	061 759 9382
Mr. Thabiso Sebe	076 886 0088
Mr. Tshediso Xaba	071 305 5514
Mr. Thembile Stokwe	062 170 1471
Mr. Tshepo Mokatsane	072 282 6221
Ms. Bulelwa Toyi	076 635 8956
Ms.Nombuiselo Belo	078 030 8836
Mr. Mxolisi Xoba	073 436 1219

ANNEXURE C

Specialist Report Letter.



Naledzani Environmental Services

Naledzani Environmental Services

Sustainability is our responsibility

Managing Director: M Ramalivhana

Cell: 076 388 7203

Fax: 086 6064760

Email: ramalivhanam@naledzanies.co.za

E-mail: info@naledzanies.co.za

Website: www.naledzanies.co.za

Attention: Ngoma Tshifularo Gregory

Cell: 079 912 6434

Fax: 086 577 8970

Date: 10 September 2016

REF: Letter of exemption from conducting biodiversity study and wetland assessment study for the proposed prospecting right of Coal and Clay on the remaining extent and portion 1 of the farm Beaton 30, remaining extent and portion 1 of the farm Hillbrow 120 and remaining extent portions 1 and 2 of the farm Lynch 246 in the Magisterial District of Viljoenskroon in the Free State Province

This letter serves to confirm that Naledzani Environmental Services has done a desktop study including a one day site visit on the proposed site location for the proposed prospecting right of Coal and Clay. It was found that the area has been used as an agricultural field and does not have any indigenous plant species (grassland species to be precise) and as such there would not be a need to conduct an ecological/ biodiversity study on this area as the natural vegetation has been heavily impacted upon.

Regarding the wetland study, it was found that the closest wetland is located approximately 2 kilometres away from the site and there is no wetland or water body on site. This has resulted in us not conducting the wetland delineation/ assessment study as well as the ecological study.

For any questions or queries regarding this letter kindly contact the undersign

Regards,

Mpho Ramalivhana, Pr. Sci Nat.

Affiliations: SACNASP, SAAN, IAIAsa

Naledzani Environmental Services

Mobile: 076 388 7203

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ramalivhanam@gmail.com or ramalivhanam@naledzanies.co.za

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ANNEXURE D

EAP CV.

CURRICULUM VITAE OF NGOMA TSHIFULARO GREGORY

CONTACTS DETAILS

Postal Address : 2315 Mid Manor Estates
Barclay Road, Noordwyk X47
Midrand 1687

Cell Number : 079 912 6434

Fax : 086 577 8970

E-mail Address : tshifularo.ngoma@yahoo.com

PERSONAL DATA

Surname : Ngoma

First Names : Tshifularo Gregory

Identity No. : 8110075504083

Date of Birth : 07 October 1981

Gender : Male

Marital Status : Single

Dependents : Three

Nationality : South African

Home Language : Tshivenda

Criminal Offences : None

Health : Excellent

Drivers License : C1 (Code 10)

EDUCATIONAL QUALIFICATIONS

School : Mphaphuli High School

Highest Standard : Matric with Exemption (1998)

Subjects Passed : English, Afrikaans, Tshivenda, Geography,
Biology and History

TERTIARY EDUCATION

Institution : University of Venda for Science and Technology

Degree Obtained : Bachelor of Environmental Sciences Degree

Years : 1999-2001

Major Courses : Geographic Information Systems
Ecology and Resource Management
Remote Sensing, Tourism
Urban and Regional Planning

Additional Courses : Biology, Basic Mathematics, Climatology
Regional geography and Biogeography

Institution : University of Venda for Science and Technology

Qualification : Bachelor of Environmental Sciences Honours

Years : 2002- 2003

Major Courses : Geographic Information Systems

		Remote Sensing, Tourism Climatology, Biogeography
	:	Geographic Thought, research Methodology Qualitative and Quantitative Techniques
Institution	:	University of Venda for Science and Technology
Qualification	:	Computer Literacy
Year	:	2001
Operating Systems	:	MS Word, MS Excel, MS Access, MS PowerPoint, Internet Explorer and SPSS

CERTIFICATE AND AWARDS

Department	:	Environment, Economic Affairs and Tourism
Certificate	:	Environmental Conservation Practical
Period	:	2000-2001

Institution	:	Rhodes University
Certificate	:	Annual Student Geography Conference
Year	:	2002

Sol Plaatje Emergency Services:		Elementary Fire Fighting Course
Year	:	2004

Department	:	Imperial Fleet Services
Certificate	:	Advanced Driving Training
Date of Training	:	23-24 March 2004

Organisation	:	GIMS
Course	:	Introduction to Arc GIS
Date of Training	:	22-24 March 2006

Organisation	:	I.T Intellect
Course	:	MS Project Basic and Intermediate
Date of Training	:	02-06 October 2006

EMPLOYMENT HISTORY

Employer	:	University of Venda for Science and Technology
Designation	:	2002-2003 Work Study Programme Student Tutor
Department	:	Geography and Geo-Information Sciences

Employer	:	Department of Water Affairs and Forestry
Directorate	:	Northern Cape Region (Kimberley)
Position	:	Geographer –Information Services
Duration	:	02 February 2004
Main Tasks	:	

- Managing of a geographical information system (GIS) for water services and water resource management so as to facilitate informed decision-making.

- Perform customised queries on the GIS and related databases, and present these in the form of tables, graphs, maps and reports
- Assess and process the applications received from the public requesting government information thus ensuring the effective implementation of the promotion of Access to Information Act
- Undertake fieldtrips to verify data using GPS technology, site visit forms for water and sanitation projects for the M&E database
- To ensure a high level of accuracy of data available at all time.

Employer : Department of Water Affairs and Forestry
 Directorate : Water Services
 Position : GIS Expert: Chief Industrial Technician
 Duration : 01 October 2005 - 31 October 2005
 Main Tasks :

- Manage the Operations of GIS and support Water Use Authorisation and Management Systems (WARMS) operations from a data point of view.
- Ensure adequate quality assurance for GIS data in the WARMS database.
- Liaise with external data sources (Deeds office, Dermaction Board, Land Affairs, etc)

Employer : Department of Minerals and Energy
 Directorate : Systems Development and Maintenance
 Position : ASD: Geographic Information Systems
 Duration : 01 November 2005 - 15 November 2007
 Main Tasks :

- Manage the development of Geographic Information Systems.
- Test, Support and maintenance of GIS applications.
- Management of consultants and service providers.
- Supervision and editing the capturing of Mining applications on the National Mining Promotion system database.
- MSSQL Server Database administration on GIS applications
- The production of GIS Maps and Cartographiv products using Arc GIS 9.
- Dissemination of mining spatial data to DMR parastatals and Government departments on request.

Employer : Umthombo Resources/Sumo Colliery
 Division : Technical Services
 Position : Manager
 Duration : 1 November 2007 - 30 September 2008
 Duties :

- Manage the Technical Division dealing with preparation of Mining applications, Public Participation and consultations, Prospecting Work Programmes, and Environmental Management Plans.

- Manage and Maintain the Geographic Information System database and mapping activities.
- Supervise and mentor the performance of employees in the technical division.

Employer : Self Employed
 Company : Dzingoma Consulting
 Position : Environmental Consultant
 Duration : 01 October 2008 to date
 Services provided :

- Preparation of prospecting rights, mining permits and mining right applications
- Preparation of Environmental Management Plans and Basic Assessment Reports.
- Consultative processes of Social and Labor Plans, Environmental Impact Assessments and consultations with land owners as well as affected and interested parties
- Water Use Licence and Waste Use Licence Applications
- Environmental Authorisations Applications
- Public Participations
- Application of Geographical Information Systems (GIS) databases, Map productions and interpretations, Drafting of Sketch Plans and Cartographic products using Arc GIS 9.
- Project Management

REFERENCES

Mr Wilbert Neswiswi : Mineral Rights Manager
 Organisation : Ngululu Resources (Pty) Ltd
 Tel : 086 140 4030
 Cell No : 083 289 5820

Mr Kenneth Ndlovu : Managing Director
 Organisation : Amogelang Logistics CC
 Tel : (012) 460 3564
 Cell Number : 079 492 1092

Mr Muraga Mudau : Director
 Organisation : Mulonga Consulting
 Tel : 011 513 4276
 Cell Number : 082 059 8408