

APPENDIX V

Please note:

This is only a summary of the IAP Consultation completed. The communication column summaries letters sent and receive.

Due to the Post Office Strike most letters were sent by e-mail.

One complete copy of all the letters sent and received is also attached to the EMPs and was uploaded on the SAMRAD system.

NAME OF APPLICANT: De Beers Consolidated Mines Proprietary Limited

REFERENCE NUMBER: NC 30/5/1/1/2/11437PR

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.**



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

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.

No community identified in close proximity, this was confirmed by asking farm owners during the consultation. The area applied for is located 17km north-east of Hopetown

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

No community is reported.

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

A letter was hand delivered to Department of Rural Development and Land Reform. No response has been received to date. The letter is attached in ANNEXURE C

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

A letter was hand delivered to Department of Rural Development and Land Reform. No response has been received to date. The letter is attached in ANNEXURE C.

No land claims were reported by the existing surface owners.

1.5. Name the Traditional Authority identified

No traditional authority was identified as there is no community present.

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

***PAULUS PHILIPPUS BESSELAAR owner of ROSCOMMON 206 ptn 1 (Wilverdiend)**

***JOHANNES JACOBUS PIENAAR & PETRONELLA JACOMINA PIENAAR owners of ROSCOMMON 206 (Remaining Extent)**

1.7. List the lawful occupiers of the land concerned.

***PAULUS PHILIPPUS BESSELAAR and**

***JOHANNES JACOBUS PIENAAR & PETRONELLA JACOMINA PIENAAR**

- 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.

Neighbours were contacted and meeting was held. There will be no impact on their socio-economic conditions due to the fact that after geo-physics exercise, only a small target area will be identified - see ANNEXURE B

- 1.9. Name the Local Municipality identified by the applicant

SIYANCUMA LOCAL MUNICIPALITY - Due to post office strikes, a letter was emailed and faxed to the municipal manager. No response has been received to date.

- 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.

**Department of Water Affairs
Land Claims Commissioner
Department of Rural Development and Land Reform
South African Heritage Resources Agency
Department Tourism Environment & Conservation
Siyancuma Local Municipality**

- 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.

See ANNEXURES A, B and C for letters sent to all IAPs.

- 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.

During the consultation process, the parties were asked about existing land use, the environment, protected areas, protected tree and animal species both verbally and in the form of a short questionnaire. Completed questionnaire were submitted during consultation meeting held on the 13th November 2014. Replies from those consulted described the existing status of the environment as follows:

Grasslands

Water depth approximately 50m deep

The minutes of meetings with surface owners (Annexure D) as well as replies from farmowners and their neighbours are attached as Annexures A and B

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

There are no specific cultural aspects identified; the area comprises of privately owned farms used for commercial purposes; only 1 owner uses the farm for residential purposes.

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

Application was submitted on the SAHRA's website as required with reference number: 6634. To date no response was received. Status: Pending and Under Assessment.

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

The land in the property is being used for commercial farming (grazing of livestock) and game farming. The area is also used as residence for surface owners and farm workers as well as their respective families with supporting infrastructure such as water points supplied by wind pumps, shed, farmhouse and enclosures (kraals).

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

The existing infrastructures in the land are area wind pumps, small reservoirs, shed, power lines, farmhouse, enclosures (kraals). The area is accessed by means of a public road, then by private farm tracks which pass through gates in the fences.

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.

Water resources: There is no permanent surface water in the area. The farms rely on ground water, with the water table reported to be approximately 50 metres below surface.

Flora: The vegetation type of most of the area applied for comprises of Northern Upper Karoo and Vaalbos Rocky Shrubland, with minor Highveld salt pans occurring in the area as well.

Fauna: The following mammal species are known to naturally occur in the region as a whole. This however does not imply that all of these species will occur at any given place in the region.

African Wild Dog

African Wild Cat

African Elephant

Kudu

Springbok

Mountain Reedbuck

Black Wildebeest

Red Hartebeest

White Rhinoceros

Buffalo

Zebra

Eland

Giraffe

Air: There are no direct sources of air pollution on the property itself, aside from seasonal grass fires and the potential for dust to be raised by the wind from the ground, particularly from tracks and other bare areas.

Soil: The soil for the majority of the area, which is applied for is red-yellow Apedal (code Ag146), freely drained soil of approximately 300mm deep. Shales and/or mudstones of the Ecca Group contribute to the Apedal soil formation, along with wind blown sand. A smaller section of the soil within the area falls with the Ib346 soil code, which is a rocky area with aeolian sands.

Topography: The general area is relatively flat, at an average elevation of between 1153m and 1158m above sea level (Refer to 1:50,000 topographic map sheets 2824CA and 2824CC). The area applied for is approximately 12.6km north east of the Orange River.

2.1.7. Provide any relevant additional information.

None

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.

There are no specific cultural aspects reported by interested and affected parties.

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

None

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 main concerns are generally around safety of the livestock and water. The farmers are concerned about the issue of access to the farms, security for themselves and the livestock and impacts of prospecting on the farming activities. They further requested that they be notified prior to coming to the farms.

The farmers also raised questions about compensation during prospecting.

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

None identified by IAPs. The issue of temporary local employment was raised, only local people with a minimum requirements (Grade 12) as prescribed by company HR policy will be employed temporarily and paid as per company pay scales. No health impacts were identified and there is no

community in or near the area. There will be no impact due to close proximity..

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.

There is a concern about water supply due to mining activities. At this stage De Beers is only applying for prospecting right and the programme that will be undertaken is still at the early stages with minimal requirement for water and infrastructures. Use of water from the farms will only be considered should approval be obtained from surface owner and only if there is sufficient supply to allow the normal farming activities to continue. This means that any water to be used for drilling will have to be sourced either externally or only from the stronger boreholes in the area, provided a permissions is obtained from surface owner. Ground water pollution must be avoided through the use of only environmentally friendly drilling additives and the proper closing of boreholes on completion.

Other aspects to be addressed in all our prospecting work (although not raised directly) through the Environmental Management Plan include:

Avoiding soil pollution - preventing and controlling oil or hydraulic fluid spills.

Avoiding grass fires - no fires to be used when prospecting, precautions and controls in place for machinery.

Avoiding littering - proper waste removal and disposal to be practiced.

Minimising vegetation destruction - by limiting the creation of new tracks, clearing minimal areas for drilling and rehabilitating effectively. Disturbed areas may need to be fenced off to allow vegetation recovery.

Avoiding excessive noise & dust - this will require specific measures depending on the nature of work. Prospecting is mostly restricted to daylight hours so noise will be limited to these periods. Dust suppression measures can be taken where this is a problem.

Impact on fauna - as prospecting takes place in a limited area for a relatively short duration, impacts on fauna will be minimal.

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.

None specifically identified by the IAPs. The successive phases of work (from 3 through to 6) could create a cumulative impacts on vegetation and soil at the much localised site , as well as on access tracks where prospecting activities may contribute to creation of dust; in extreme cases dust suppression may be required. Disturbance and removal of soil has the potential to directly and indirectly impact on vegetation in the prospecting area and also impact wildlife by removing habitat that is used for foraging, burrowing/nest, and breeding.

The cumulative impact may also be on the roads and tracks, where prospecting activities may contribute to wear on the roads and raising of dust. In extreme cases this may require the grading or scraping of farm tracks & roads. If a lot of traffic is to be using tracks e.g. during bulk sampling, dust suppression may be

required. Another cumulative impact could be the presence of historical diggings/disturbances on the properties. An environmental liability assessment will be conducted on the disturbances, this will be addressed through the Environmental Management Plan and consultation with DMR.

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.

The land in the property is being used for commercial farming (grazing of livestock) and game farming.

- 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.

No land developments identified/ reported by interested and affected parties.

- 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.

None - not a mining application. Access to farms to be made by appointment and details of staff to be provided to maintain control.

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

Opportunity to discover and test any new kimberlite pipes will be missed or delayed, as would potential development of new mines. Temporary employment and local procurement opportunities will be missed

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;

An introductory letter was sent to all parties and responses requested.

A meeting was held on 13th November. Invites were sent via e-mail and sms. Minutes of the meeting is attached as Appendix D

Presentation of Prosecting process was given at meeting and attached as Appendix E

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

See 1.6 and 1.7 and 1.10

Neighbours identified are:

***Director of SAKARA PTY LTD, owner of Tyrone 205: Registered letter was sent on**

***Trustees of the JEAN TRUST, owner of FERMANAGH 200: Email was sent to a confirmed email-address**

***Trustees of the WAG 'N BIETJIE TRUST, owner of EDINBURGH 199: Email was sent to a confirmed email-address**

*** Ms AM WIID ALBERTINA MAGDALENA, owner of BRECHIN 207 and SPRINGVALE 240: Email was sent to a confirmed email-address**

***Trustees of the NIC STRACHAN TRUST, owner of ROSCOMMON 206: Email was sent to a confirmed email-address**

***J J PIENAAR , owner of KILDARE 215: Email was sent to a confirmed email-address**

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.

***Only 1 neighbour stated that he reserves his right to comment after he knows the impact on his farm.**

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.

The main concerns are generally around safety of the livestock, impacts of prospecting activities on the farmers livelihood and water.

The farmers are concerned about the issue of access to the farms, security and impacts of prospecting on the farming activities and that they requested that they be notified prior to coming to the farms.

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

No any other concerns raised

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

See Appendix A to F

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.

In terms of the safety, security/ access concerns, De Beers will send the names and ID numbers of all the people beforehand and inform the surface owners of the exact dates they will be present on the farm.

In terms of loss of animals due to leaving gates opened; this issue will be addressed by briefing De Beers's employees on the consequences and implications of negligence when working in the property. Any loss or damage will be compensated thereof.

Groundwater is also a concern of the surface owners as the groundwater is very limited to some of the properties. This means that any water to be used for drilling will have to be sourced either externally or only from the stronger boreholes in the area, provided the permissions is obtained from surface owners. Ground water pollution must be avoided through the use of only environmentally friendly drilling additives and the proper closing of boreholes on completion.

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	Anette Basson
Identity Number	5807310083087

- END -

A

FARM OWNERS

HERBERT DISTRICT, NORTHERN CAPE PROVINCE
NC 30/5/1/1/2/11437 PR

FARM OWNERS

FARM	PTN	AREA (Hb)	SURFACE TITLE	SURFACE OWNER	ADDRESS	TELEPHONE	SG DIAGRAMME	COMMUNICATION
1 ROSCOMMON 206	1 Welverdiend	1648.5186	T4696/1996	BESSELAAR PAULUS PHILIPPUS 5706275011085	P O BOX 196, HOPETOWN, 8750 Details Confirmed	0833823288 flipbesselaar@gmail.com	F1631/1919	Email sent 80ct2014 Reply received: * Road servitude (Proklammeerde pad) *Access to farm through his brother's farm (FJ Besselaar C 0727820057) *Cattle *Grasslands * +- 50m water depth *No residents on the farm
2 ROSCOMMON 206	RE	396.1479	T501/1997	JOHANNES JACOBUS PIENAAR 5401195096081 PETRONELLA JACOMINA PIENAAR 5607100023008	P O BOX 3512 DIAMOND 8305 Spoken to Mrs. Pienaar. Address and email confirmed.	H&W 0538325227 0794944507 jjpie@absamail.co.za	FB79/1875	Email sent 80ct2014

2044.6665

B

NEIGHBOURS OF FARMS

**HERBERT DISTRICT, NORTHERN CAPE PROVINCE
NC 30/5/1/12/11437 PR
NEIGHBOURS**

FARM	PTN	SURFACE TITLE	SURFACE OWNER	ADDRESS	TELEPHONE	NEXT TO	COMMUNICATION
1 TYRONE 205	RE	T1306/1972	SAKARA PTY LTD 12/06516 Boswald Brahman VAN DER WALT, JOHAN CHRISTIAAN 3808245032084	ORANIEWGE 3, HOPETOWN, 8750 P O BOX 64 HOPETOWN 8750	Johan v/d Walt (JC v/d Walt) jvdw@mtloaded.co.za Also in Roscommon 0532030909 0532030919 0832556540 Confirmed	ROSCOMMON 206 Ptn 1 and RE	RC 023 531 130 ZA Did not receive communication. Got email address. Emailed on 18Nov2014
2 FERMANAGH 200	RE	T1459/2007	JEAN TRUST IT 12863/2006 Trustee: JH du Raan	Postnet Suite 71 P/Bag X2 Diamond 8305	Jean du Raan 0538320881 jhduraan@absamail.co.za Confirmed	ROSCOMMON 206 Ptn 1	Email sent 16Oct2014 Feedback received. Reserve his right to comment until he gets a report on the impact on his farm.
3 EDINBURGH 199	RE	T37/2005	WAG 'N BIETJIE TRUST IT 395/2002 Johannes Marthinus Dames 5509275006083 Anna-Maria Besselaar 5509135177082 Frederik Johannes Besselaar 5509135177082	P.O. Box 252 HOPETOWN 8750	Freddie J Besselaar H 0532040057 C 0727820057 gariepnguni@gmail.com Confirm	ROSCOMMON 206 Ptn 1	Email sent 16Oct2014 Feedback received 20Oct2014. No comment.
4 BRECHIN 207	RE	T1525/1995	WIID ALBERTINA MAGDALENA 2909090046087	SPRINGVALE P O BOX 226 HOPETOWN 8750	H 0532030875 W 0532038068 Siebert Wiid 0538333361 0725785600 siebertw@vodamail.co.za Confirmed	ROSCOMMON 206 Ptn 1	Email sent 16Oct2014
5 SPRINGVALE 240	RE	T1528/1995				ROSCOMMON 206 Ptn 1 and RE	
6 ROSCOMMON 206	2	T2768/2008	NIC STRACHAN TRUST T431 (deceased) Trustee: Nic Strachan	P O BOX 185 HOPETOWN 8750	0823784746 0532030415 Confirmed	ROSCOMMON 206 Ptn 1 and RE	RC 023 531 112 ZA SMS Sent 16Oct2014

**HERBERT DISTRICT, NORTHERN CAPE PROVINCE
NC 30/5/1/1/2/11437 PR**

NEIGHBOURS

7	KILDARE 215	1	T501/1997	PIENAAR JOHANNES JACOBUS 5401195096008	P O BOX 3512 DIAMOND 8305	H/W 0538325227 C 0828296192 jjpie@absamail.co.za Confirmed	ROSCOMMON 206 RE	Letter not required. Owner as well.
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C

GOVERNMENT DEPARTMENTS

- Department Environment & Nature Conservation
- SAHRA
- Local Municipality
- Department Rural Development & Land Reform
- Land Claims Commissioner

HERBERT DISTRICT, NORTHERN CAPE PROVINCE						
GOVERNMENT PARTIES						
SURFACE OWNER	NAME	Postal Address	ADDRESS	E_MAIL	TELEPHONE	COMMUNICATION
1	Land Claims Commissioner	P. O. Box 2458, KIMBERLEY, 8300	4 - 8 Main Road Hyesco Arcade Building KIMBERLEY 8301	RBaulackey@ruraldevelopment.ent.gov.za	(053) 807 5700 Fax (053)831-6501	Email/Fax sent 15Oct2014 Hand delivery of letter
2	Department of Rural Development and Land Reform	Private Bag X5007 Kimberley 8300	New Public Building 6th Floor, Cnr Knights and Stead Street KIMBERLEY 8301	OBMVULA@ruraldevelopment.ent.gov.za	Tel: 0538304001 Fax: 0538328137 Cell: 0824405032	Email/Fax sent 15Oct2014 Hand delivery of letter
3	The Provincial Manager South African Heritage Resources Agency	P.O. Box 1930 KIMBERLEY	1 Robb Street KIMBERLEY 8301	Submit on SAHRIS	Tel: (053) 831 2537 Fax: (053) 833 1435	Submitted on SAHRIS on 28Oct2014 Ref: 6634 Status: Pending and under Assessment Heritage Report: Appendix D2- Archaeological Impact Assessment Report_0
4	Department Tourism Environment & Conservation	Private Bag X6010 Kimberley 8301	Metliffe Towers, 4th Floor, cnr Market Square and Stead	bbotes@ncpdg.gov.za	Tel: 053 807 7420 Fax: 0866256470	Email/Fax sent 15Oct2014 Hand delivery of letter
5	The Municipal Manager Siyancuma Local Municipality	PO Box 27, Douglas, 8730	7 Charl Street, Douglas	geraldine@siyancuma.gov.za	T 053 298 1810 F: 053 298 3141	Email/Fax sent 15Oct2014 Letter will be sent via registered mail RC 023 531 041 ZA

REGISTERED LETTERS

GEREGISTREERDE BRIEWE

(with an insurance option/met 'n versekeringsopsie)

(with full tracking and tracing/Volledige volg en spoor)



Post Office

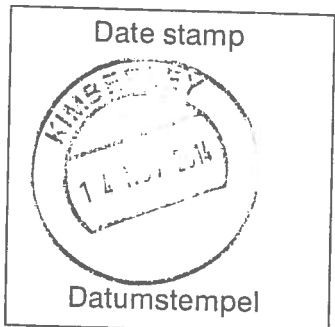
Enquiries/Navrae
Sharecall
number/nommer
0860 111 502
www.postoffice.co.za

Name and address of sender:
Naam en adres van afsender: Sauntie Bats
P.O. Box 616
Kimberley
8300

No	Name and address of addressee Naam en adres van geadreseerde	Insured amount Versekerde bedrag	Insurance fee Versekeringsgeld	Postage Posgeld	Service fee Diensgeld	Affix Track and Trace customer copy Plak Volg-en-Spoor-Kliëntafskrif	
1	Rossuman, Scholtzfontein, The Grange Municipal Municipality Siyancumba Local Municipality					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 023 531 041 ZA CUSTOMER COPY 301028R	
2	P.O. Box 27, Douglas, 8730						
3	Woolrooien, Farm 236, 78, 214 Enslin West Dikgatlong Local Municipality					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 023 531 038 ZA CUSTOMER COPY 301028R	
4	P/Bag x5, Barkly West, 8375						
5	Biesse Langte, Blijdes Pan Thembelike Local Municipality					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 023 531 069 ZA CUSTOMER COPY 301028R	
6	P/Bag x3, Hope Town, 8750						
7	Arnotsdale Siyia Tenda Local Municipality Enslin West					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 023 531 055 ZA CUSTOMER COPY 301028R	
8	Municipality, P.O. Box 27, Douglas, 8730					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 023 531 086 ZA CUSTOMER COPY 301028R	
9							
10							
Number of letters posted Getal briewe gepos		Total Totaal		R	R	R	R

Signature of client
Handtekening van kliënt: [Signature]

Signature of accepting officer
Handtekening van aanneembeampte: [Signature]



The value of the contents of these letters is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance of up to R200.00 is available and applies to domestic registered letters only.

Die waarde van die inhoud van hierdie briewe is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering van tot R2 000.00 is beskikbaar en is slegs binnelandse geregistreerde briewe van toepassing.

Britz, Santie

From: Britz, Santie
Sent: 16 October 2014 08:28 AM
To: 'geraldine@siyancuma.gov.za'
Subject: FW: PROSPECTING RIGHT APPLICATIONS
Attachments: Siyancuma Local Municipality.pdf; Siyancuma Local Municipality.pdf

Attention: Municipal Manager

Attached please find letters for the following prospecting right applications:

- Roscommon NC 30/5/1/1/2/11437 PR
- The Grange NC 30/5/1/1/2/11438 PR

Kind Regards

Santie Britz
Exploration Office Administrator – DBCM Properties

The De Beers Group of Companies
36 Stockdale Street, Kimberley
P O Box 616
Kimberley
8300

Tel: +27 (0) 53 839 4188
Fax: +27 (0) 53 839 4880

www.debeersgroup.com

Britz, Santie

From: Britz, Santie
Sent: 15 October 2014 09:14 AM
To: 'bbotes@ncpg.gov.za'
Cc: '0866256470'
Subject: PROSPECTING RIGHT APPLICATION
Attachments: Department Tourism Environment & Conservation.pdf; Department Tourism Environment & Conservation.pdf; Department Tourism Environment & Conservation.pdf; Department Tourism Environment & Conservation.pdf; Department Tourism Environment & Conservation.pdf; Department Tourism Environment & Conservation.pdf; Department Tourism Environment & Conservation.pdf; Department Tourism Environment & Conservation.pdf; Department Tourism Environment & Conservation.pdf

Attached please find letters for the following prospecting right applications:

- Biessie Laagte NC 30/5/1/1/2/11436 PR
- Roscommon NC 30/5/1/1/2/11437 PR
- The Grange NC 30/5/1/1/2/11438 PR
- Machoragan NC 30/5/1/1/2/11441 PR
- Farm 236_7_8 & 274 NC 30/5/1/1/2/11449 PR
- Enslin West Cons NC 30/5/1/1/2/11447 PR
- Klipjes Pan NC 30/5/1/1/2/11448 PR
- Scholtzfontein NC 30/5/1/1/2/11446 PR
- Arnotsdale NC 30/5/1/1/2/11445 PR

Kind Regards

Santie Britz
Exploration Office Administrator – DBCM Properties

The De Beers Group of Companies
36 Stockdale Street, Kimberley
P O Box 616
Kimberley
8300

Tel: +27 (0) 53 839 4188
Fax: +27 (0) 53 839 4880

www.debeersgroup.com

Received by: S. Mutha

Sign: Mutha



Britz, Santie

From: Britz, Santie
Sent: 15 October 2014 09:14 AM
To: 'RBaulackey@ruraldevelopment.gov.za'
Cc: '0538316501'
Subject: PROSPECTING RIGHT APPLICATIONS
Attachments: Land Claims Commissioner.pdf; Land Claims Commissioner.pdf; Land Claims Commissioner.pdf; Land Claims Commissioner.pdf; Land Claims Commissioner.pdf; Land Claims Commissioner.pdf; Land Claims Commissioner.pdf; Land Claims Commissioner.pdf

Attached please find letters for the following prospecting right applications:

- Biessie Laagte NC 30/5/1/1/2/11436 PR
- **Roscommon NC 30/5/1/1/2/11437 PR**
- The Grange NC 30/5/1/1/2/11438 PR
- Machoragan NC 30/5/1/1/2/11441 PR
- Farm 236_7_8 & 274 NC 30/5/1/1/2/11449 PR
- Enslin West Cons NC 30/5/1/1/2/11447 PR
- Klipjes Pan NC 30/5/1/1/2/11448 PR
- Scholtzfontein NC 30/5/1/1/2/11446 PR
- Arnotsdale NC 30/5/1/1/2/11445 PR

Kind Regards

Santie Britz
Exploration Office Administrator – DBCM Properties


The De Beers Group of Companies
36 Stockdale Street, Kimberley
P O Box 616
Kimberley
8300

Tel: +27 (0) 53 839 4188
Fax: +27 (0) 53 839 4880

www.debeersgroup.com

REGIONAL LAND CLAIMS COMMISSION NORTHERN CAPE
RECEIVED BY:..... 2014-10-16
SIGNATURE:.....

Received by: D.L. Esterhuizen

Sign: 

Britz, Santie

From: Britz, Santie
Sent: 15 October 2014 09:14 AM
To: 'OBMVULA@ruraldevelopment.gov.za'
Cc: '0538328137 '
Subject: PROSPECTING RIGHT APPLICATIONS
Attachments: Department of Land Affairs.pdf; Department of Land Affairs.pdf; Department of Land Affairs.pdf; Department of Land Affairs.pdf; Department of Land Affairs.pdf; Department of Land Affairs.pdf; Department of Land Affairs.pdf; Department of Land Affairs.pdf; Department of Land Affairs.pdf; Department of Land Affairs.pdf

Attached please find letters for the following prospecting right applications:

- Biessie Laagte NC 30/5/1/1/2/11436 PR
- Roscommon NC 30/5/1/1/2/11437 PR
- The Grange NC 30/5/1/1/2/11438 PR
- Machoragan NC 30/5/1/1/2/11441 PR
- Farm 236_7_8 & 274 NC 30/5/1/1/2/11449 PR
- Enslin West Cons NC 30/5/1/1/2/11447 PR
- Klipjes Pan NC 30/5/1/1/2/11448 PR
- Scholtzfontein NC 30/5/1/1/2/11446 PR
- Arnotsdale NC 30/5/1/1/2/11445 PR

Kind Regards

Santie Britz
Exploration Office Administrator – DBCM Properties

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36 Stockdale Street, Kimberley
P O Box 616
Kimberley
8300

Tel: +27 (0) 53 839 4188
Fax: +27 (0) 53 839 4880

www.debeersgroup.com

Received by: K-S Mahobe

Sign: [Signature]

DEPARTMENT OF RURAL DEVELOPMENT & LAND REFORM	
REGISTRY	
2014 -10- 16	
handmail	
RECEIVED - Mail <input checked="" type="checkbox"/> Fax <input type="checkbox"/>	
PRIVATE BAG X5007, KIMBERLEY 8300	
TEL: 053 831 4000 FAX: 053 831 4095	

Our Ref:

Enquiries: Phillip Hine
Tel: 021 462 4502
Email: phine@sahra.org.za
CaseID: 6634

Date: Thursday November 20, 2014

Page No: 1



Letter

In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Mrs Anette Basson
De Beers Consolidated Mines - Kimberley Mines
36 Stockdale street
Kimberley
8300

NC 30/5/1/1/2/11437 PR Roscommon: Roscommon 206 portion 1 and remaining extent

Thank you for your indication that development is to take place in this area.

In terms of the National Heritage Resources Act, no 25 of 1999, heritage resources, including archaeological or palaeontological sites over 100 years old, graves older than 60 years, structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources authority. This means that before such sites are disturbed by development it is incumbent on the developer (or mine) to ensure that a **Heritage Impact Assessment** is done. This must include the archaeological component (Phase 1) and any other applicable heritage components. Appropriate (Phase 2) mitigation, which involves recording, sampling and dating sites that are to be destroyed, must be done as required.

The Phase 1 Impact Assessment Report will identify the archaeological sites and assess their significance. It should also make recommendations (as indicated in section 38 of the NHRA) about the process to be followed. For example, there may need to be a mitigation phase (Phase 2) where the specialist will collect or excavate material and date the site. At the end of the process the heritage authority may give permission for destruction of the sites.

According to the SAHRA fossil sensitivity map, the prospecting area falls within an area that is considered to have very high to high sensitivity, while certain areas are considered to have an insignificant sensitivity. In this regard a desktop palaeontological assessment should be undertaken and dependent on the results, a field assessment is likely.

Any other heritage resources that may be impacted such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.

In order for SAHRA to determine if any heritage studies are required the Environmental Management Plan (EMP) must be submitted to SAHRA. Only once this has been done can SAHRA issue a comment regarding the prospecting application.



The South African Heritage Resources Agency

Street Address: 111 Harrington Street, Cape Town 8000 * Postal Address: PO Box 4637, Cape Town 8000
* Tel: +27 21 462 4502 * Fax: +27 21 462 4509 * Web: <http://www.sahra.org.za>

Our Ref:

Enquiries: Phillip Hine
Tel: 021 462 4502
Email: phine@sahra.org.za
CaseID: 6634

Date: Thursday November 20, 2014

Page No: 2

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully



Phillip Hine
Heritage Officer



Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/180477>
(DMR - NC, Ref: NC 30/5/1/1/2/11437 PR)

Terms & Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.



The South African Heritage Resources Agency

Street Address: 111 Harrington Street, Cape Town 8000 * Postal Address: PO Box 4637, Cape Town 8000
* Tel: +27 21 462 4502 * Fax: +27 21 462 4509 * Web: <http://www.sahra.org.za>

D

ATTENDANCE AND
MINUTES OF MEETING

CONSOLIDATED MINUTES OF CONSULTATION MEETINGS

Held on 13th November 2014 at 9:00am at the Ulco Boere Hall
Held on 13th November 2014 at 2:00pm at De Beers Head Office
Held on 13th November 2014 at 4:00pm at the offices of Van de Wall and partners
Held on 14th November 2014 at 9:00am at the Bennie Pieterse Hall in Hopetown

BETWEEN DE BEERS CONSOLIDATED MINES PROPRIETARY LIMITED AND AFFECTED FARMERS

APOLOGIES:

N.B. Jansen	Aasvogel Pan 141 (2)
D. Joubert - SANPARKS	Zoutfontein 166 (2)
Dr. GDJ Scholtz	Zoutfontein 166 (4)

PRESENT PER APPLICATION:

Gabisile Simelane	Exploration Programmes Manager RSA Exploration – DBGS
Anette Basson	Exploration Administrator – DBCM
Santie Britz	Exploration Office Administrator - DBCM
NC 30/5/1/1/2/11453 PR Representatives of	Karolusdrift 219 Harrisdale 226
NC 30/5/1/1/2/11436 PR Representatives of	Biessie Laage 96 (RE) Aasvogel Pan 141 (2)
NC 30/5/1/1/2/11437 PR Representatives of	Roscommon 206 (1) Roscommon 206 (RE)
NC 30/5/1/1/2/11438 PR Representatives of	The Grange 208 (1)
NC 30/5/1/1/2/11445 PR Representatives of	Scholtzfontein South 165 (6)
NC 30/5/1/1/2/11446 PR Representatives of	Scholtzfontein South 165 (RE) Zoutfontein 166 (2)
NC 30/5/1/1/2/11447 PR Representatives of	Enslin West Cons 134 (RE)
NC 30/5/1/1/2/11448 PR Representatives of	Klipjes Pan 145
NC 30/5/1/1/2/11449 PR Representatives of	Farm 236 Farm 237 Farm 238
NC 30/5/1/1/2/11453 PR Representatives of	Likatlong 317 (RE) Likatlong 317 (1)

DE BEERS CONSOLIDATED MINES PROPRIETARY LIMITED

36 Stockdale Street Kimberley 8301 PO Box 616 Kimberley 8300 South Africa
Tel +27 (0)53 839 4111 | Fax +27 (0)53 839 4210 | www.debeersgroup.com
Incorporated in the Republic of South Africa | Registration number 1888/000007/07

A member of the Anglo American plc group

Directors: B Petersen (Chairman), E M Dipico (Deputy Chairman), A P Barton (Chief Executive Officer),
Ms CA Carolus, B A Cleaver, P A J Lowery, P J C Mellier (French), G Mostyn (British), Ms N D Zikalala

	Likatlong 317 (RE of ptn 2) Karolusdrift 219
NC 30/5/1/1/2/11454 PR Representatives of	Platfontein 68 (ptn of farm)
NC 30/5/1/1/2/11455 PR Representatives of	Wolwedam 87 (RE of ptn 1)
NC 30/5/1/1/2/11480 PR Representatives of	Harrisdale 226 (ptn of RE)
NC 30/5/1/1/2/11482 PR Representatives of	Ferny Hoek Flat 108 (ptn of ptn2)
NC 30/5/1/1/2/11484 PR Representatives of	Farm 90 (2)
NC 30/5/1/1/2/11508 PR Representatives of	Middeldam 88 (ptn of farm)

ABBREVIATIONS

De Beers	= De Beers Consolidated Mines Proprietary Limited
DMR	= Department Mineral Resources
MPRDA	= Mineral and Petroleum Resources Development Act
EMP	= Environmental Management Plan

Meeting was held in Afrikaans on request.

After the standard presentation, the following issues were addressed:

- Q1: What is the remuneration when prospecting on a farm?
A1: When the geo-physics exercise is done, no remuneration is involved. As soon as the drilling starts, the farmer will be compensated at a rate of R10 000 per month for the drill period. Water will be bought from the farmer at local municipal rates. Should the drilling or prospecting activities interfere with normal activities, i.e. on field where crops are growing, the farmer will be compensated according to market related tariffs.
- Q2: Will De Beers notify a farmer if alluvial diamond deposits are found?
A2: Should farmers enquire about the deposit findings, it can be made available. All results must be sent to the DMR and the DMR in turn sends the data to the Geophysics Council. It can also be obtained from either of these bodies; however, De Beers considers the interpretation of data as intellectual property and will not divulge it.
- Q3: The 'small' farmer is up against a 'big' company. How will issues be addressed without the farmer having to face huge legal litigation costs?
A3: De Beers is pro-negotiating issues until a solution can be found that will be in the interest of both parties. Prospecting is supported by a wide range of acts to protect both the interest of the applicant and the farmer. The environmental management

plan addresses most of the issues relevant in a prospecting application and an agreement is also signed which is legally binding.

Q4: Can De Beers confirm that no one will stay over on the farm?

A4: According to the standard agreements, the following is not allowed:

- No one will stay on the property after working hours
- No collection of fire wood
- No authorised personnel allowed on the farm
- No fire or pollution

De Beers' personnel and contract personnel must adhere to the following:

- MPRDA
- Agri SA's farm protocol
- Other legislation regarding waste, environment, water, etc.
- Approved Environmental Management Plan
- ISO 14000 requirements
- Security clearance for each person working on the site
- Only day light hours allowed to work

Should the farmers require the working personnel's identification details, it can be arranged prior to accessing the farm.

Q5: If Kimberlite is not found, or the Kimberlite found is not economically viable for De Beers, will De Beers sell the information?

A5: Should the information show that it can be economically viable for another company, De Beers can sell the interpreted data; however, the next applicant will have to go through the same application and consulting processes and must prove that they are technically competent and financially able to fulfill the DMR's requirements. De Beers cannot prevent the acquisition of information from the DMR or the Geophysics Council.

Q6: How much water is used in the prospecting process?

A6: Between 30kl and 55kl can be used. The water is treated and re-used to ensure optimal use. Water is bought from the farmer at normal municipal tariffs. If the farmer does not have water or refuses to sell water, water is bought from the local municipality.

Q7: If water is found with the prospecting process, may the farmer keep the hole?

A7: Yes. De Beers will leave the casing and the farmer will sign an agreement whereby he will take responsibility of the hole and the registering of it.

Q8: Should the prospecting results in mining activity, does the farmer have to sell the farm?

A8: No one can be forced to sell or to rent. De Beers will negotiate with the farmer. Negotiations are handled on individual basis.

Q9: How does the pending prospecting process affect the farming activities?

- A9: Farmers are encouraged to carry on with normal farm activities. Initially the impact will be minimal to none. The geophysics survey is done by foot to determine the density of the geology. As soon as spots are identified, De Beers will discuss it with the farmer to ensure that the farming activities are not disrupted. De Beers, with the help of experts, will plan the prospecting activities should it require the movement of wild life or livestock.
- Q10: Costs?
- A10: Should it require that herds be moved to other enclosures or it requires invasion of crops, De Beers will compensate the farmer accordingly.
- Q11: Where exactly on the farm will be drilled?
- A11: De Beers is applying for the whole farm or in some cases, portions of farms. Only after the geophysical survey will the exact locations be known.
- Q12: What about sensitive areas? i.e. pans, big trees, endangered plant species, etc.
- A12: There will be looked at the areas where the anomalies occur and a deviation can be made to ensure that it will not be disturbed.
- Q13: How often will visits to the farm take place?
- A13: As soon as the permit is granted, the activities have to start within 120 days. It starts with the geophysical survey, which is done on foot (20m apart). Depending on the area that needs to be surveyed, it should be done within ± 2 weeks. After that desk studies will take place to evaluate and interpret the data. The drilling process will commence within ± 6 months after that. After each process, the data is re-evaluated and if the forecast is promising, they will proceed to the next phase. Results are reviewed from phase to phase to decide whether to continue or apply for closure.
- Q13: Farmers are worried that in water-scarce areas water will flow into cracks and newly drilled holes and will influence their current water pressure.
- A13: Holes can be plugged to reduce the risk of water soaking away. To mitigate the risk, experts can be consulted to advise.
- Q14: Farmers are worried that un-used granted rights will result in 'fly-by-nights' accessing the property for prospecting.
- A14: Any other applicant, like De Beers, has to follow the correct procedures, adhere to the same standards, prove the same technical competency and give the same financial guarantees, before they can enter the property to execute the right.
- Q15: How is accessing to farm managed?
- A15: To access a farm, prior arrangements must be made with the owner or tenant of the farm. If the timing does not suit the owner/tenant, arrangements must be made for a more appropriate time (i.e. hunting season, harvest time, etc.)
- Q16: What is De Beers looking at when flying over a farm?

A16: Aerial surveys are performed to plot the magnetic fields and the geophysical survey is done to establish the density of the geology.

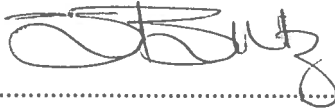
Q17: For some farms, farmers are concerned over the safety of workers due to dangerous animals roaming the farm. How will that be handled?

A17: De Beers will consult with farmers to find a solution to ensure the safety of all working on the farm. If this results in costs for the farmer, De Beers will carry the cost. As soon as application is granted, the areas can be revealed to the farmers to establish which areas will be involved and if it additional measures are necessary.

Q18: What is the time of a prospecting right?

A18: De Beers applied for 5 years, but as soon as the prospecting has been completed, De Beers will apply for closure. It is difficult to know how long the DMR will take to complete the closure.

Meeting adjourned.



.....
DE BEERS CONSOLIDATED MINES (PTY) LIMITED

17 Nov 2014

.....
Date

.....
FARMER





.....
Date

NORTHERN CAPE PROSPECTING RIGHT APPLICATIONS

VENUE ULCO BAESJAJ DATE: 13 NOVEMBER 2014 TIME: 09:30
 VENUE DE BEERS DATE: 13^e NOVEMBER 2014 TIME: 14:00
 VENUE HOPETOWN - BENNIE PIETER DATE: 14^e NOVEMBER 2014 TIME: 09:00
 VENUE Van de Walle - Offices DATE: 13^e NOVEMBER 2014 TIME: 16:00



Application Name	Application Nr	Farm Name	PTN	Surface owner	Address	Telephone/Fax	e-mail	Signature	Comment
Blesslaaie	11436PR	BIESSIE LAAGTE 96	RE	MEMAPA TRUST 85/2006 Paul Petrus van Niekerk 5609245067007 JEC van Niekerk 570519 0063 080	P. O. BOX 171 HOPETOWN 8750	W 0532038055 0824155815	paulpetrus1@gmail.com		Kaart
Blesslaaie	11436PR	AASVOGEL PAN 141	2 (RE) Aasvogel Pan Zuid	NICOLAAS BESTER JANSEN 5303275031006	4 WITBOSKRAAI PELLUSSIER 9301	H 0514224129 0828256522	besterjansen@telkom.net		Kaart - Verstoring
Blesslaaie	11436PR	AASVOGEL PAN 141	6 PTN OF 2	SMIT MARTINUS CORNELIUS 5602275062089	P. O. Box 157 HOPETOWN 8750 Tienie Smit	H 0532038061 W 0532030053 0827848828	tsmit@cnery.co.za		
Roscommon	11437PR	ROSCOMMON 206	1 Welverdiend	BESSELAAR PAULUS PHILIPPUS 5706275011085	P O BOX 196, HOPETOWN, 8750	G: 0828257902 Updated info: Tel: 0532040057 Fax: 0532040057 0727820057	filibesselaar@gmail.com gardepaungun@gmail.com		Kaart
Roscommon	11437PR	ROSCOMMON 206	RE	JOHANNES JACOBUS PIENAAR 5401195096008- 9! PETRONELLA JACOMINA PIENAAR 5607100023008	P O BOX 3512 DIAMOND 8305	0794944504 0828296192 0828296192	jilole@absamail.co.za		Kaart

54011950960081

Application Name	Application Nr	Farm Name	PTN	Surface owner	Address	Telephone/Fax	e-mail	Signature	Comment
The Grange	11438PR	THE GRANGE 208	1 Ptn of Ptn 7	W A S BASSON TRUST IT80/2002 AJ BASSON 5802265102081 S ROODT 6507031030870 650703103087	AJB: P O BOX 6003, HADISON PARK, 8306 SR: HALKETT WEG 75, KIMBERLEY, 8301	Workers on farm :0532040129 AJ Basson resident on farm 0827862402 for access to farm SR details: Tel: 0538332036 0822025220	sr@tioplus.co.za		
Machorogan	11441PR	MACHOROGAN 106	13 (Ptn of Ptn 2)	ANDRIES JOHANNES BURGER 8904035235081	P. O. Box 29 DELPORTSHOOP 8377 Address and email confirmed	Fax: 0866343416 0827701427	brangus@vodamail.co.za		
Arnotsdale	11445PR	ZOUTFONTEIN 166	4	ARNOTSDALE BOERDERY CC SCHOLTZ, GERT DANIEL JACOBUS aka Gerrie Scholtz	POSBUS 358, HOPETOWN, 8750	H/W 0532038298 C 0836336006	gsblinfo@mashuajsdc.co.za		Apology. Will not attend.
Arnotsdale	11445PR	SCHOLTZFONTEIN SOUTH 165	6 VAALBOSCHLA AGTE Ptn of ptn 2	JOHANN SONNEKUS KINDERTRUST IT279/1998 Johann Wilhelm Sonnekus Frans Jacobus Lubbe Norma Stephine Sonnekus	Posbus 5 Belmont	0833143641	iwssonnekus@webmail.co.za		
Arnotsdale	11445PR	ARNOTS DALE 175	FARM	ARNOTSDALE BOERDERY CC 199703588923 No Director, but trustee SCHOLTZ, GERT DANIEL JACOBUS 7509215106082	POSBUS 358, HOPETOWN, 8750	H/W 0532038298 C 0836336006	gsblinfo@mashuajsdc.co.za		
Scholtzfontein	11446PR	SCHOLTZFONTEIN SOUTH 165	RE	JOHANN SONNEKUS KINDERTRUST IT279/1998 Johann Wilhelm Sonnekus Frans Jacobus Lubbe Norma Stephine Sonnekus	Posbus 5 Belmont	Fax/Tel: 0532040024 0833143641	iwssonnekus@webmail.co.za		
Scholtzfontein	11446PR	ZOUTFONTEIN 166	2	CIENDO 44 PTY LTD 201301369807 WIAAN VAN DER LINDE 7203285023084 0	P. O. Box 134, Modderrivier 8700	W 0532040042 - office Wintershoek Safari's Johnny 0824903332 Strauss 0824122106	wiaan@wintershoek.co.za		




APOLGY; DEON JOUBERT
MOKALA NATIONAL PARK

NC PROSPECTING RIGHT MEETING



Application Name	Application Nr	Farm Name	PTN	Surface owner	Address	Telephone/Fax	e-mail	Signature	Comment
Scholtzfontein	11446PR	ZOUTFONTEIN 166	3	KLEINBOERE VERENIGING TRUST IT 247/2001	I G Swiegers - currently renting the farm. Include Dahlia 509 Steynville Hopetown 8750	Include Mr Swiegers in invitation to meeting:0828215797 0781225487 - Abram Visagie	igz@vodamall.co.za		
Enslin West	11447PR	ENSLIN WEST CONSOLIDATED 134	RE	CIENDO 44 PTY LTD 201301369807 WIAAN VAN DER LINDE 7203285023084 0	P. O. Box 134, Modderrivier 8700	Owner Wiaan 0824545325 W 0532040042 - office Wintershoek Safari's Johnny 0824903332 Strauss 0824122106	wiaan@wintershoek.com		
Klipjes Pan	11448PR	KLIPIES PAN 145	FARM	STILLEWONING FAMILIETRUST 1136/2007 Transfer: Schutte Prokureurs Hopetown (Marthinus Bekker Schutte) POSBUS 137, HOPETOWN, 8750 053 203 0264 CJ Louw AP Louw	Posbus 147 Hopetown 8750	0822950218 - CJ Louw (Wife) 0828022400 - AP Louw (Husband)	aplouw@telkomsa.net	 Woodsken Konsaat Wiaan Wiaan Cedros Potkies	
Farm 236, 7, 7 & 274	11449PR	PLAAS 236	FARM	EDWARD CHARLES LOCKYEAR 4512285028080	P O BOX 40241 BEACONSFIELD 8315	H & W 0538322697 0832852360	tedlock@minload.co.za		Present at meeting with Vld Htail en Venole
Farm 236, 7, 7 & 275	11449PR	PLAAS 237	FARM	FORD SISTERS TRUST T301 Brian Turner 053 831 7136 - Preece & Associates - only works to 12 am Hennie Venter of Duncan & Rothman	PO BOX 245 Kimberley 8300	0538317136 08??	preece@kimberley.co.za		Present at meeting with Vld Htail en Venole


NC PROSPECTING RIGHT MEETING


Application Name	Application Nr	Farm Name	PTN	Surface owner	Address	Telephone/Fax	e-mail	Signature	Comment
Farm 236, 7, 7 & 276	11449PR	PLAAS 238	FARM	ARTHUR JAMES KENSINGTON FORD 7604155087085	P O BOX 387 BARKLY WEST 8375 p/a Schietpan Farm Koopmansfontein Post Agency M. A. J. Langeveld Koopmansfontein Centra Dikgatlong Rural Northern Cape, South Africa	0828090484	0828090484 Foid falming@ naishweise.co.za		Present at meeting with vld wall en ven etc.
Farm 236, 7, 7 & 277	11449PR	FARM 274	1	New Owners: JOHN ARTHUR TAPUCH info@hardrockhunting.co.za	PO BOX 213 ULCO 8390	082 554 5910 082 55 00 914	info@hardrockhunting.co.za		
Wolwedam	11452PR	WOLWEDAM 87	PORTION OF RE	MARAIS JOHANNES PETRUS 5903085043081	No postal address	Tenant: Frans Louw 0829046680 - contact owner for access. Owner: 0832617176	jo.marais@mmweb.co.za		
Wolwedam	11452PR	MIDDELDAM 88	PORTION OF FARM	ADAM JOHANNES BEKKER 4301015009002	P O BOX 3314 KIMBERLEY 8300 Plaas Vaalbos	H 0538315126 Mev Bekker: 0848131778 Send email to Ds Daniëlo Stolz or 0844444417	danieles@vodamail.co.za		
Wolwedam	11452PR	SECRETARIS 89	PORTION OF 3	M W DE JAGER KINDER TRUST 1159/1995	Postnet P/Bag X2 Suite Diamond 8305	MW de Jager 0824926881	mwdejager@landelani.lodge.co.za		
Likatleng	11453PR	LIKATLONG 317	RE	CENTWISE 11 CC 2001/066426/23 Representative Trustee found GREYLING, DANIEL CORNELIUS NAUDE 6603045017089	POSBUS 110008, HADISON PARK, 8306	H 0538317186 W 0538331893 C 0827752010	heid@helicon.co.za		
Likatleng	11453PR	LIKATLONG 317	1	CENTWISE 11 CC 2001/066426/23 Representative Trustee found GREYLING, DANIEL CORNELIUS NAUDE 6603045017089	POSBUS 110008, HADISON PARK, 8306	H 0538317186 W 0538331893 C 0827752010	heid@helicon.co.za		

Application Name	Application Nr	Farm Name	PTN	Surface owner	Address	Telephone/Fax	e-mail	Signature	Comment
Likalong	11453PR	LIKATLONG 317	RE OF PORTION 2	CENTWISE 11 CC 2001/066426/23 Representative Trustee found GREYLING, DANIEL CORNELIUS NAUDE 6603045017089	POSBUS 110008, HADISON PARK, 8306	H 0538317186 W 0538331893 C 0827752010	haidi@helicon.co.za		
Likalong	11453PR	KAROLUSDRIFT 219	FARM	BAREND JACOBUS LIEBENBERG 6906045080084 (GJ Liebenberg Boerdery)	P O BOX 68 DELPORTSHOOP 8377	H/W 0535610844x Cell: 0823732169	0820920003@vodacom.co.za		Wim Basson is contact
Likalong	11453PR	TOWN OF DELPORTSHOOP	Town	The Municipal Manager Dikgatong Local Municipality Att: Harold Robertson AND Department of Land Affairs Att: Obed Mvula	Private Bag X5, BARKLY WEST, 8375 Confirmed New Public Building, 6th Floor, Cnr Knights and Stead Street, KIMBERLEY, 8301 Confirmed	Cell: 0824405032 Owners' letters to Municipality AND land affairs. They must state if it is unalienated state land.	OBMVULA@ruraldevelopment.gov.za		
Pniel	11454PR	PNIEL 281	PORTION OF RE	National Government Of The Republic Of South Africa (Land Affairs)	New Public Building, 6th Floor, Cnr Knights and Stead Street, KIMBERLEY, 8301	No response from rural development (Kagiso) OBMVULA@ruraldevelopment.gov.za	OBMVULA@ruraldevelopment.gov.za		
Pniel	11454PR	NOOITGEDACHT 66	PORTION OF RE	Hall Michael Patrick	P O BOX 175 BARKLY WEST 8375	H 0535337053 C 0836464411	rootbedacht@gmail.com		
Pniel	11454PR	PLATFONTEIN 68	PORTION OF FARM	Ūxu & Khwe Vereniging Vir Gemeenskaplike Eienendom	Mano manonyo No address information 0828271586		Mano@manonyo.com		
Welgevonden	11455PR	WELGEVONDEN 84	PORTION OF RE	ANTHONY FREDERICK MICHAEL VIGNE 3307285039000	P O BOX 11102 KIMBERLEY 8300	0832615767Wife (Jackie) - vignejackie@gmail.com 08345999142	vignem@gmail.com		

NC PROSPECTING RIGHT MEETING

Application Name	Application Nr	Farm Name	PTN	Surface owner	Address	Telephone/Fax	e-mail	Signature	Comment
Welgevonden	11455PR	VAALBOSCH HOEK 85	PORTION OF RE	ANTHONY FREDERICK MICHAEL VIGNE 3307285039000	P O BOX 11102 KIMBERLEY 8300	0832615767 Wife (Jackie) - vignejackie@gmail.com '08345999142	vignem@gmail.com		
Welgevonden	11455PR	WOLWEDAM 87	RE OF PORTION 1	TREVOR DATNOW 6002285058087	P O BOX 3565 DIAMOND KIMBERLEY 8305	H 0533735000 W 0538337004 C 0836499964	trevor@marricksafad.com hdatnow@gmail.com		
Farm 277, 293 & 294	11477PR	FARM 277	FARM	Dikgatlong Local Municipality	Municipal Manager Mr Harold Robertson PO BOX 8375 Barkly West 8375	Tel: 053 531 0671 Fax: 053 531 0624	simone@dikgatlong.co.za		
Farm 277, 293 & 295	11477PR	FARM 293	1	Dikgatlong Local Municipality	Municipal Manager Mr Harold Robertson PO BOX 8375 Barkly West 8375	Tel: 053 531 0671 Fax: 053 531 0624	simone@dikgatlong.co.za		
Farm 277, 293 & 296	11477PR	FARM 294	1 De Wig	Dikgatlong Local Municipality	Municipal Manager Mr Harold Robertson PO BOX 8375 Barkly West 8375	Tel: 053 531 0671 Fax: 053 531 0624	simone@dikgatlong.co.za		
Farm 87/88	11479PR	PLAAS 87	RE	NATIONAL GOVERNMENT OF THE REPUBLIC OF SOUTH AFRICA Send letter to land affairs.	New Public Building, 6th Floor, Cnr Knights and Stead Street, KIMBERLEY, 8301				
Farm 87/89	11479PR	PLAAS 88	RE	NATIONAL GOVERNMENT OF THE REPUBLIC OF SOUTH AFRICA Send letter to land affairs.	New Public Building, 6th Floor, Cnr Knights and Stead Street, KIMBERLEY, 8302				
Harrisdale	11480PR	HARRISDALE 226	PORTION OF RE	SPRINGFIT ESTATES 1974/003208/07 SNYMAN, ABRAHAM ADRIAN 4211305017088 SNYMAN, FREDERIK PIETER MATTHEUS 3901015013085 SNYMAN, JOHANNES HENDRIK 4707095017089 SNYMAN, WILLEM VENTER 4811265018081	Co. Address: POSBUS 19, BARKLY WES, 8375	Dir tel no: H: 0535310732 W: 0535310185 C: 0826505911 Abraham 0834117620	rinahansikanon@gmail.com	 Wim Basson Is contact. harrisdaleboerdery@gmail.com	

Application Name	Application Nr	Farm Name	PTN	Surface owner	Address	Telephone/Fax	e-mail	Signature	Comment
Greeffpits	11481PR	CONSOLIDATED FARM GREEFFPITS 169	A PORTION OF RE	ZELPY 2648 PTY LTD 200402076907 VAN ZYL, MARIA MAGDALENA 7807150026087 VAN ZYL, WILLEM SYBRAND 7303265208083	Co/Dir Address: P O BOX 32 BARKLY WEST 8375	Mnr. 083 627 3147 Mev 082 822 6561 H 0535610014 0761508054	bradleyruitters@gmail.com		
Greeffpits	11481PR	FARM 172	A PORTION OF RE	VAN DER WESTHUIZEN ESTATES PTY LTD 196200282607 VAN DER WESTHUIZEN, JOHANNES BENJAMIN 5107145034003 VAN DER WESTHUIZEN, LUKAS PETRUS 7804205109083	Dir Address: P O BOX 3535 DIAMOND 8305	H 0538334414 W 0538322427 C 0834524010	anzele@westhuizen.co.za juan@westhuizen.co.za		
Greeffpits	11481PR	FARM 173	A PORTION OF FARM	NATIONAL GOVERNMENT OF THE REPUBLIC OF SOUTH AFRICA (To Land Affairs)	New Public Building, 6th Floor, Cnr Knights and Stead Street, KIMBERLEY, 8301	(Fax: 0538328137);	OBM@JLA@ruraldevt.gov.za		
Ferny Hoek Flat	11482PR	FERNY HOEK FLAT 108	PORTION OF THE REMAINING EXTENT OF PORTION 1	GROOTDAM TRUST					
Ferny Hoek Flat	11482PR		PORTION OF PORTION 2 (OF PORTION 1)	EUNELL TRUST (T1110/1996)	P.O. Box 118 SECUNDA 2303 eunell@telkomsa.net	Mrs Jooste C: 27829674282	eunell@telkomsa.net		
Farm 233	11483PR	FARM 233	RE	ERINDALE TRUST IT125/2005 4202245020084	Owner Derek Potgieter P O BOX 250 ULCO 8390	0824958447	X		
Spitskop	11484PR	SPITSKOP 91	1	BAREND JOHANNES BASSON 4709305016083					
Spitskop	11484PR		11 (RE)	TWO COUSINS TRUST IT949/2011					
Spitskop	11484PR		18 (of ptn 11)	HENK VORSTER FAMILIETRUST IT121/97					
Spitskop	11484PR		19 (of ptn 11)	HENK VORSTER FAMILIETRUST IT121/97					
Spitskop	11484PR		10 (RE)	JOHANNES ZACHEUS GEORG BOTES 6701105024084					

Application Name	Application Nr	Farm Name	PTN	Surface owner	Address	Telephone/Fax	e-mail	Signature	Comment
Spilskop	11484PR		RE	VREDERUS TRUST IT253/2006					
Spilskop	11484PR	FARM 90	2	MARBLE AUTO ELECTRIC CC B1989/037303/23 MARIUS JOHAN STASSEN 5912215120008 PHILIPUS JACOBUS STASSEN 5608295109008	Co: POSBUS 533, MARBLE HALL, 0450 PJ: P O BOX 495 JAN KEMPDORP 8550 Members POSBUS 790, MARBLE HALL, 0450	PJ: H &W 0534010772 0845805985	admin@sunfox73.co.za	 S.W. Wilms attorney for Owinst.	
Spilskop	11484PR	FARM 90	3	DANIEL JOHANNES SWAN 5812125169089	P O BOX 135 BARKLY WEST 8375	H 0532981536 W 0535510276 0829482190	dampoort@vodamail.co.za		
Spilskop	11484PR	SPITSKOP 91	2(RE)	DANIEL JOHANNES SWAN 5812125169089	P O BOX 135 BARKLY WEST 8375	H 0532981536 W 0535510276 0829482190	dampoort@vodamail.co.za		
Pniel X908	11485PR	PNIEL 281	PORTION OF RE	National Government Of The Republic Of South Africa	New Public Building, 6th Floor, Cnr Knights and Stead Street, KIMBERLEY, 8301	Waiting response van rural development (Kagiso)	<a href="mailto:OBMYULA@ruraldeve
lopment.gov.za">OBMYULA@ruraldeve lopment.gov.za		
Pniel X912	11486PR	PNIEL 281	PORTION OF RE	National Government Of The Republic Of South Africa		Waiting response van rural development (Kagiso)			

W. Basson. Kabales Duij. 0786103569. South Lemane Basson manby 5@gmail.com.
 A.J. Bekker Vaalbos 0848131778 Posbus 3314 Diamant Kimberley bel./faks 0838315126

E

PRESENTATION

De Beers Consolidated Mines Limited
Prospecting Right Application
Stakeholder Engagement
Northern Cape

November 2014

DE BEERS
GROUP OF COMPANIES

Contents

- Introduction
- Application Process
- Purpose of Application
- Phases & Methods
- Initial Work Programme
- Conduct on Prospecting Rights
- Contact Details
- Questions

Introduction

Applicant is De Beers Consolidated Mines
Kimberley Head Office – Anette Basson

Supported by De Beers Group Services
Group Exploration – Gabisile Simelane

Please provide your contact details on the forms sent out with the letters, and in the
meeting register

Application Process

Applications accepted by DMR: September 2014 and ongoing
For prospecting ONLY, for diamonds ONLY

Consultation:

Continuous two-way process between De Beers & surface owners / occupiers, other interested and affected parties

From application, to operations (if granted), to closure
Initial comments / objections required by DMR within 30 days
of acceptance (see contact details at end of presentation)

Environmental Management Plan

Standard format as required by MPRDA

Draft due after 60 days

Input from surface owners to allow concerns to be addressed

Later more detailed EIA required for specific activities at specific sites

DMR then considers application, comments, objections and input from other government departments

Decision expected March 2015 or later

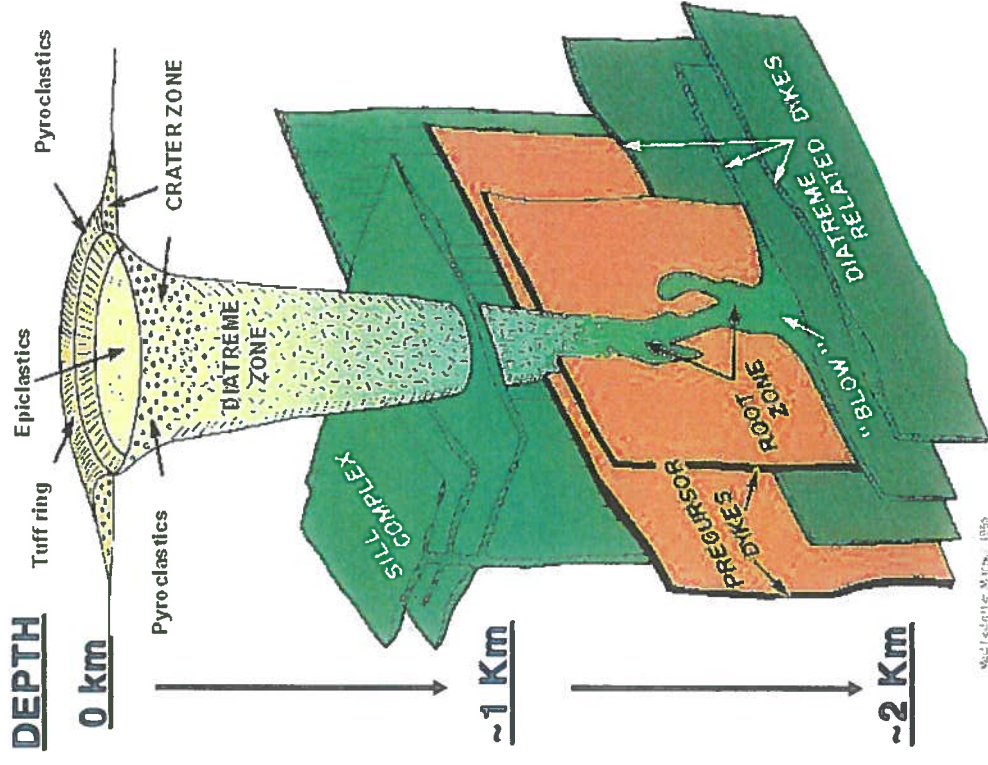
Prospecting must commence within 120 days from signature

Purpose of Application

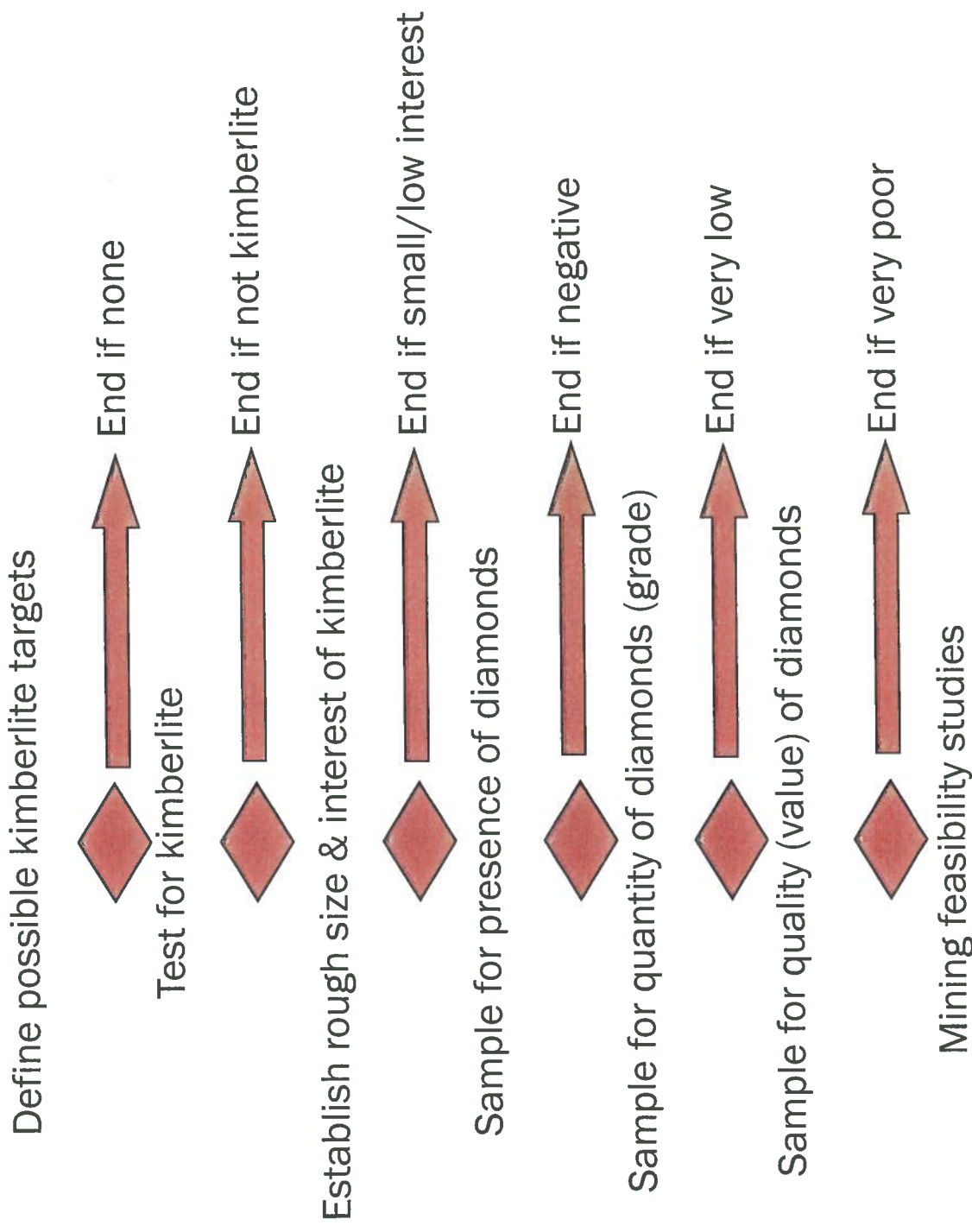
- To locate and assess economic potential of diamond deposits – or apply for closure
- To do so in a responsible manner
- Carried out in phases, depending on results
- Ultimately aim to determine the value of a diamond deposit based on:
 - Size (volume, tonnage) to certain depth
 - Diamond content (grade) to certain size
 - Diamond quality (value)

Phases and Methods

- The first main step in primary diamond exploration is to locate diamondiferous kimberlites
- Kimberlite is a volcanic rock which occurs randomly
- Kimberlites transport diamonds from their place of formation at great depths (+150km) below the surface of the Earth.
- Have certain physical, mineral and chemical characteristics that are used to locate them
- Second main step is to determine the quantity & quality of diamonds



Phases and Methods



Desktop Studies

- Office based interpretation of :
 - Available geological data
 - Geophysical survey work
 - Sampling and drilling results
- Carried out before each phase of field work to decide on exact scope and extent of work
- Review of results from each phase of work after completion, to decide whether to continue or not

Defining Targets

Geophysical



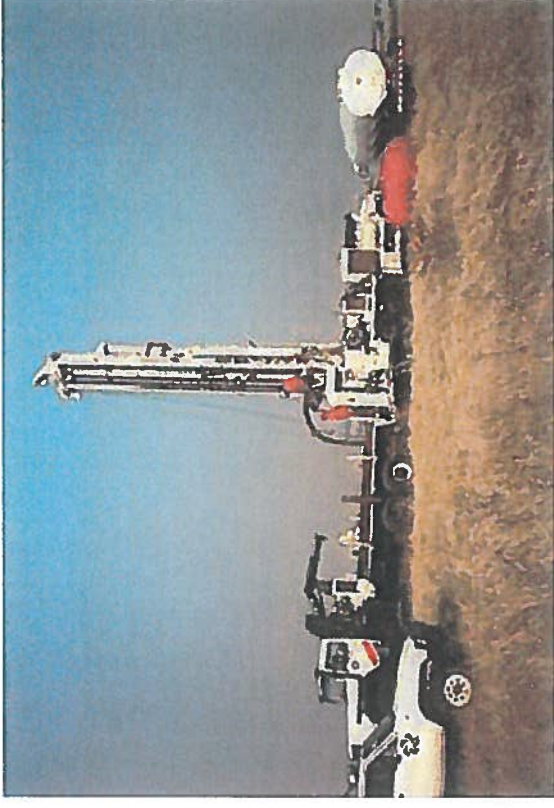
Sampling – stream or soil



Testing Targets, Establishing Size & Interest

Small diameter drilling

- Core
- Diameter ~ 63.5mm
- Depth to maximum ~400m



Supplemented by more geophysics and geochemical sampling

Sample for presence of diamonds

- Drill samples collected in previous phases
- Samples processed for micro-diamonds (< 0.5 mm)
- Require at least 600 kg per kimberlite
- Some additional core drilling may be required



Sample for quantity of diamonds (grade)

- Large Diameter Drilling
- Up to 24" diameter
- Collect at least 200 tonnes per kimberlite
- Approx 2 holes to 400m
- Require small diameter pilot holes (core)
- Temporary access track
- Water supply & sump
- Sample treated off site



Sample for quality of diamonds (value)

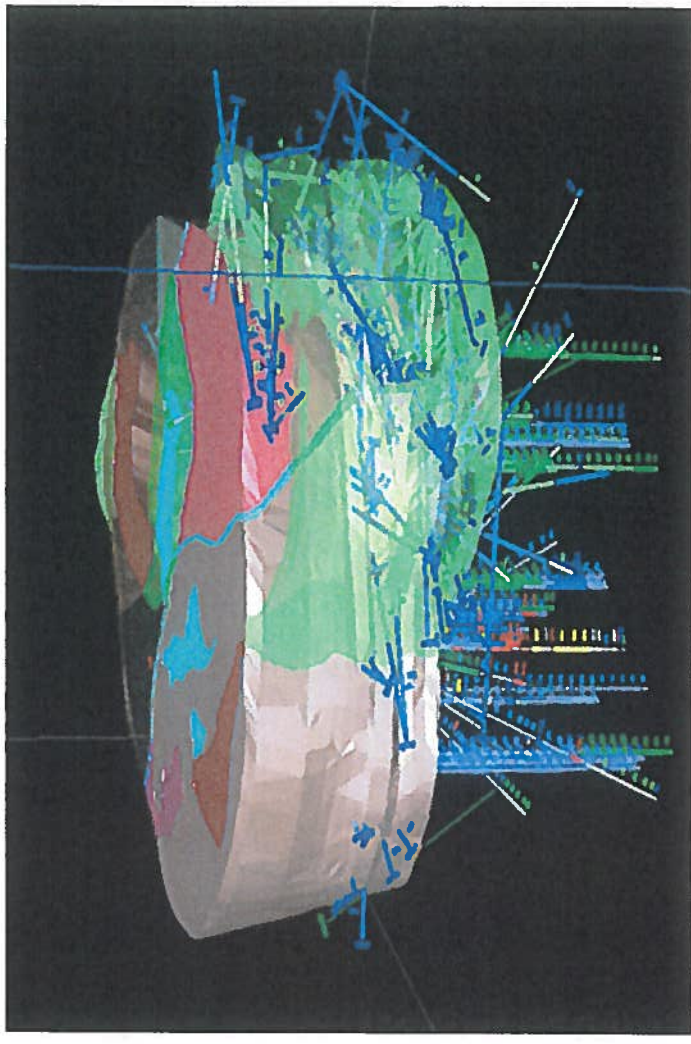
Large Diameter Drilling

- Up to 24" diameter
- Collect at least 1000 tonnes per kimberlite
- Approx 10 holes to 200 m
- Temporary access tracks
- Plant required in area
- Water supply & large sumps



Mining Feasibility Studies

- Detailed design and studies by multi-disciplinary teams
- Socio-economic & environmental impact studies
- Assessment of economic viability
- Detailed drilling for micro- and macro-diamond sampling, geological modeling, geotechnical & metallurgical studies



On completion of prospecting

If kimberlite(s) are of economic interest:

Apply for mining right

Sell if not suitable for De Beers

OR

Stop work on prospecting right

Monitor rehabilitation, take corrective action if required

Apply for closure certificate

Initial Work Programme

- Start with geophysical survey blocks – on foot
- Small diameter drilling within some of these – one or two holes per block
- Aim to complete this within first year
- No accommodation on site, no structures on site
- Further work depends on results: e.g. further survey work (ground or airborne), drilling, sampling

Conduct on prospecting rights

Safety and security

- De Beers staff & contractors must adhere to:
- Mine Health and Safety Act
- AGRI SA Farm Protocol
- Internal procedures – including risk assessments
- Requirements for staff induction / training

De Beers will continue to consult with the surface owner/occupier in order to:

- Agree on access arrangements for staff & contractors
- Agree on access routes, status of gates
- Agree on approach to recruiting of local casual staff
- Deal with any other concerns

Environmental

Prospecting does have an impact on the environment; the aim is to minimise this and avoid any significant, lasting impacts

Initial phases of work have minimal impact; this increases in later phases, but is restricted to specific sites

De Beers staff & contractors must adhere to:

- Mineral & Petroleum Resources Development Act
- Other legislation (waste, environmental, water etc)
- Approved Environmental Management Plan
- Internal procedures (ISO 14000 compliant EMS) – includes avoidance of fire, littering, oil spills, rehabilitation requirements etc.

Compensation / payments

De Beers will compensate surface owners for:

- Damage to property – by replacement or payment
- Loss directly caused by prospecting e.g. to crops, grazing land
- Based on market rates
- De Beers will pay rental for extended use of surface areas e.g. for plants (IF agreed to be located on a farm, with a formal rental agreement)
- De Beers will pay for bulk water sourced from a farm (IF agreed on by surface owner AND approved by Department of Water Affairs & DMR)
- If a mine were to be developed in future, purchase or lease of land, water rights etc. would have to be negotiated.

Comments/ Objections to be sent to:

The Regional Manager: Mineral Regulation
Northern Cape Region

Fax: 053 832 5631
Street: 29-31 Curry Street, Kimberley, 8301
Post: Private Bag X6093, Kimberley, 8300

OR

Aletta Dreyer/Anette Basson
De Beers Consolidated Mines Limited

Fax: 053 839 4250 / 4880
Street: 36 Stockdale Street, Kimberley, 8301
Post: PO Box 616, Kimberley, 8300
E-mail: prospecting-rights@debeersgroup.com

Please include reference number and contact details as per letter

Contacts at De Beers

Aletta Dreyer or Anette Basson

De Beers Consolidated Mines Limited

Phone: 053 839 4248 / 4243

Fax: 053 839 4250 / 4880

Post: PO Box 616, Kimberley, 8300

E-mail: prospecting.rights@debeersgroup.com

OR

Gabisile Simelane

De Beers Group Exploration

Phone: 011 309 3945

Cell: 072 483 3335


Fax: 011 309 3003

E-mail: gabisile.simelane@debeersgroup.com

QUESTIONS?

Be Passionate


We will be passionate
to the highest level,
for challenges we face
and the opportunities
we create.



diamondream *we are.*

Build Trust


We will always listen first,
then act with openness,
honesty and integrity
in all our relationships
throughout
the world.



diamondream *we are.*

Pull Together

We will work together
to create a better world,
for all people,
in all places,
for all time.



diamondream *we are.*

Shape the Future

We will find new ways
to create an abundant
future for all people,
through innovation and
sustainable practices
in every place.

We will work on
environmental excellence
and climate change
together.



diamondream *we are.*

Show We Care

The people who live here are
local, their communities
are important to
us. We will always think
through the consequences
of what we do in the way
of our contribution to society
in real living and making
us proud.

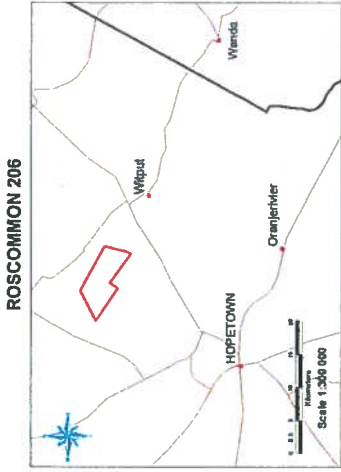
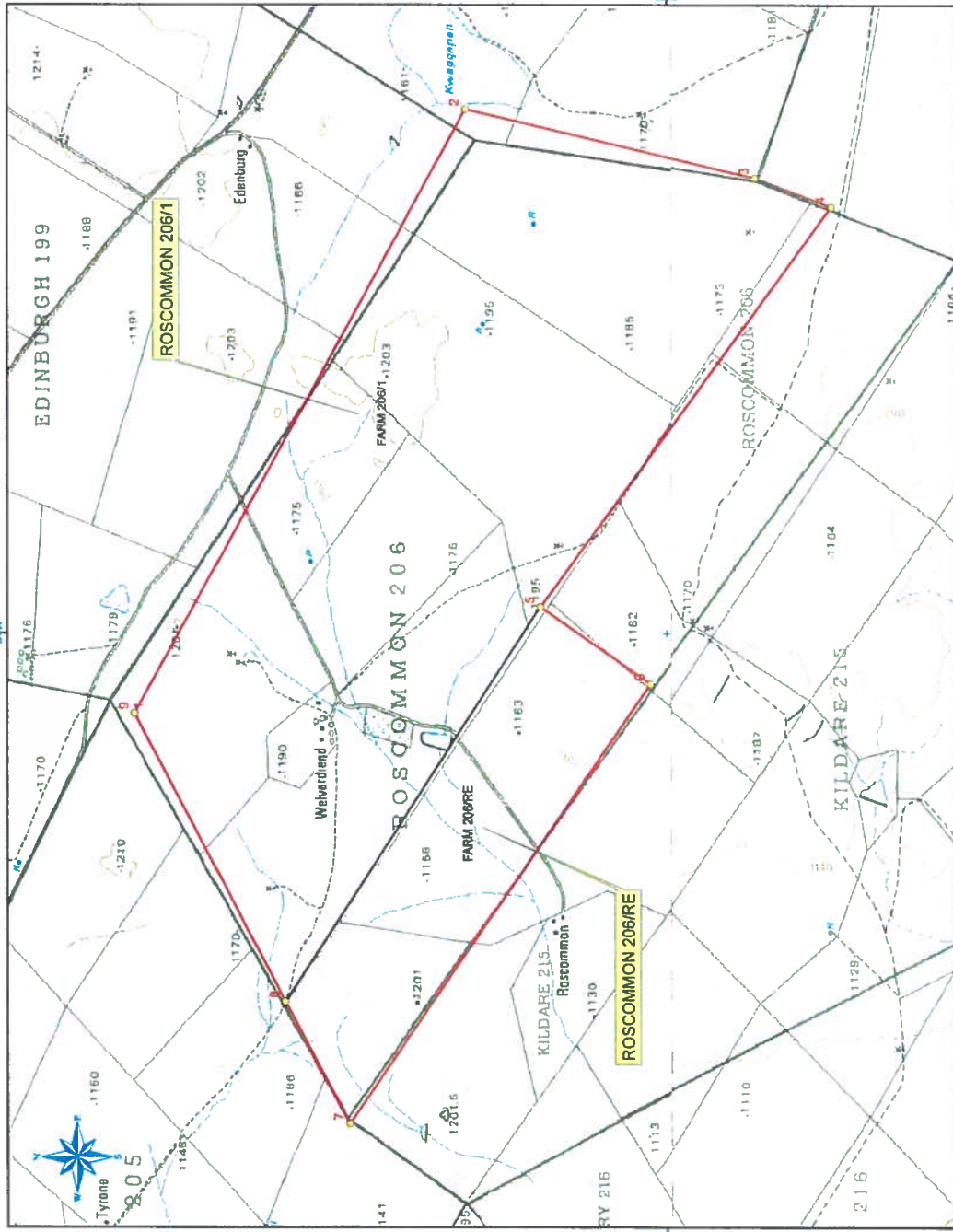


diamondream *we are.*

APPENDIX VI

APPENDIX VII

**PLAN AS REFERRED TO IN REGULATION 2.2 IN FORCE IN TERMS OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT (28 OF 2002),
IN SUPPORT OF AN APPLICATION FOR A PROSPECTING RIGHT IN TERMS OF SECTION 16 OF THE AFORESAID ACT.**



DESCRIPTION OF LAND UNDER APPLICATION FOR A PROSPECTING RIGHT

The Remaining Extent and Portion 1 (Weilverdend) of the farm Roscommon 206

The figure numbered:
1, 2, ..8, 9, 1

Represents an area of land
in extent

2044.6665 Hectares

Magisterial District of
HERBERT

NORTHERN CAPE PROVINCE

LEGEND

- City / town / villages
- Roads
- Land Under Application
- Farms
- Magisterial Districts
- Province border

NOTES

- 1) Please see Table 2 for any specific servitudes registered against the title deeds.
- 2) Coordinates for polygon of land under application: refer to accompanying listing file for details.

NAME OF APPLICANT:
DE BEERS CONSOLIDATED MINES PROPRIETARY LIMITED

SIGNATURE OF APPLICANT:
[Signature]

NAME: **AP. BARON**

DATE: **29/09/2014**

Plan Approved:

Regional Manager

NORTHERN CAPE PROVINCE

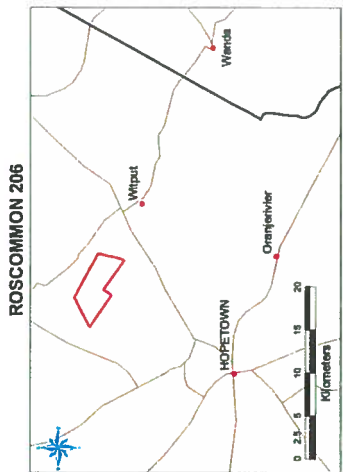
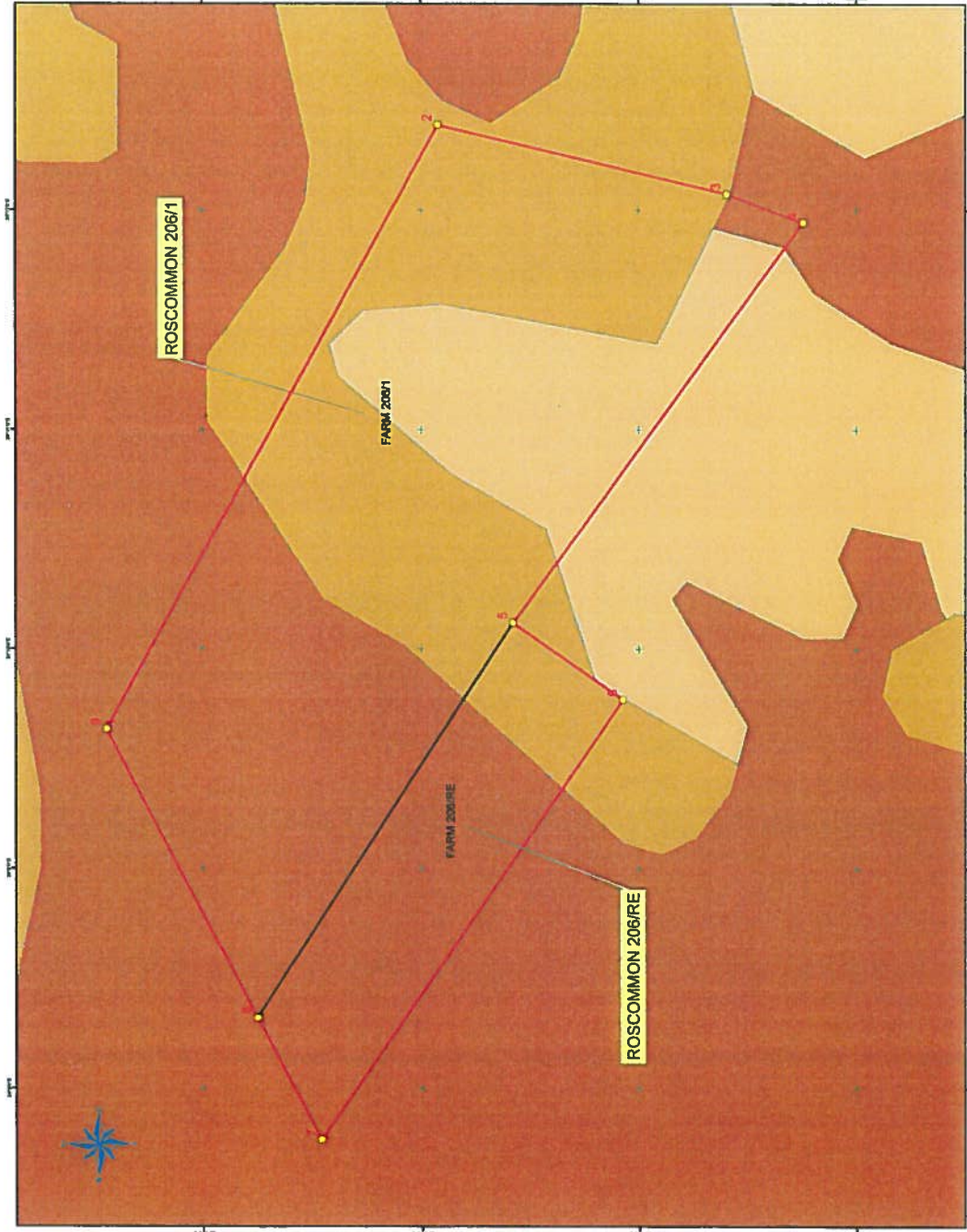
Department Mineral Resources

DATE:



GOV MAP SHEET : 2924CA AND 2924CC

**PLAN AS REFERRED TO IN REGULATION 2.2 IN FORCE IN TERMS OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT (28 OF 2002).
IN SUPPORT OF AN APPLICATION FOR A PROSPECTING RIGHT IN TERMS OF SECTION 16 OF THE AFORESAID ACT.**



DESCRIPTION OF LAND UNDER APPLICATION FOR A PROSPECTING RIGHT

The Remaining Extent and Portion 1 (Whereof) of the farm Roscommon 206

The figure numbered :
1, 2, 0, 1, 1

Represents an area of land
in extent

2044.6665 Hectares
Magisterial District of
HERBERT

NORTHERN CAPE PROVINCE

LEGEND

- City / town / villages
- Roads
- Land_Under_Application
- Farms
- Magisterial Districts
- Province border

LITHOLOGY

- DOLERITE
- SEDIMENTARY
- SHALE

NAME OF APPLICANT :
**DE BEERS CONSOLIDATED MINES
PROPRIETARY LIMITED**

SIGNATURE OF APPLICANT:
[Signature]

NAME: **A.P. BARTON (Pvt) Ltd**
DATE: **29/09/2014**

Plan Approved:

Regional Manager
NORTHERN CAPE PROVINCE
Department Mineral Resources

DATE :



GOV MAP SHEET : 2024CA AND 2024AC

Part D of Form B Annexure1, Application for Prospecting Right.
Coordinates referred to in plan. Coordinates based on Geographic, WGS84

Appendix 2

NODE ID	X	Y
1	24.160565	-29.459335
2	24.206489	-29.484646
3	24.201278	-29.506758
4	24.199077	-29.512608
5	24.168664	-29.490357
6	24.16282	-29.498761
7	24.129426	-29.475664
8	24.138695	-29.470804
9	24.160565	-29.459335

