

20 September 2016

Laat ons asseblief weet as u die kommunikasie in Afrikaans verkies.

NOTIFICATION TO LANDOWNERS AND/OR AFFECTED PARTIES IN TERMS OF SECTION 16 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 28 OF 2002, THAT DE BEERS CONSOLIDATED MINES (PTY) LTD HAS APPLIED FOR A PROSPECTING RIGHT ON:

- PORTION 5 OF THE FARM BRISTOL 17 LR,
- THE REMAINING EXTENT OF PORTION 1 OF THE FARM FALMOUTH 26 LR,
- THE FARM BEGEMAN 146 MR.
- THE FARM ZWARTRAND 147 MR.
- THE FARM WESTERFORD 148 MR

### IN THE POTGIETERSRUS (MOKOPANE) DISTRICT, LIMPOPO PROVINCE

REF NO: LP 30/5/1/1/2/12815 PR

#### Dear Stakeholder

This letter serves to notify landowners and/or affected parties that in terms of section 16 of the Mineral and Petroleum Resources Development Act, 28 of 2002 (MPRDA) De Beers Consolidated Mines (Pty) Ltd (De Beers), has applied for a prospecting right on various farms in the Magisterial District of Potgietersrus (Mokopane), Limpopo Province.

In particular, Chapter 4, section 16(4)(a) and (b) of the MPRDA stipulate that (4) If the Regional Manager accepts the application, the Regional Manager must, within 14 days from the date of acceptance, notify the applicant in writing -

- (a) to submit relevant environmental reports required in terms of Chapter 4 of the National Environmental Management Act, 1998 within 60 days of the date of notice; and
- (b) to consult in the prescribed manner with the landowner, lawful occupier and any interested and affected party and include the result of the consultation in the relevant environmental reports;.

De Beers applied for a prospecting right on **13 September 2016.** The Draft Basic Assessment Report is attached for comment which must be completed as soon as possible.

## It contains the following information:

- a description of the planned activities which include non-invasive (e.g. desktop studies and ground geophysical surveys) and invasive (e.g. drilling) techniques. The environmental footprint of drilling will be limited to less than 0.64 Ha per site and the activities carried out will only require the clearing of shrubs and grass. Drilling water requirements fall within the "small industrial user" where the use is less than 20 m³ per day for prospecting. Therefore, the water that will be used for the prospecting activities will be sourced on agreement from an existing authorised water user which could be either the landowner or local municipality. No water will be abstracted in terms of section 21(a) of National Water Act, 1998 (Act no. 36 of 1998). Drilling may take a few days to two months to complete per site depending on the geology of the area, technical challenges and other factors:
- an assessment of potential positive and negative impacts of these activities; and
- an environmental management plan to manage and/or mitigate potential negative impacts

The boundaries of the application area for the proposed prospecting right is set out in the enclosed map which shows the properties and farm names which fall within the boundaries of the proposed prospecting right application area.

Your comment is important

#### 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

De Beers invites you to formally register as an interested and affected party (I&AP) and to participate in the Basic Assessment process and/or to comment on the draft Basic Assessment Report in any of the following ways:

- Completing the enclosed Registration and Comment Sheet and submitting it to us per email by **28 October 2016**. Also, please use the Registration and Comment Sheet to indicate your preferred method of notification and any direct business or other interest you may have in the approval or refusal of the application;
- Attending small group meetings; and/or
- Providing your comments in writing to our offices to the following address: P.O. Box 616, Kimberley, 8300 or if hand delivered: 36 Stockdale Street, Kimberley.

All stakeholders are invited to attend a public participation meeting:

Venue: Tom Burke Farmers Association Hall

Address: R572, 3km South of R572 & N22 crossing at Tom Burke

Date: Tuesday, 5 October 2016

**Time**: 14:00 (2pm)

Please contact me should you have any questions, would like more information or would like to contribute comments. I look forward to your participation in the project and receiving your comments.

Yours faithfully

**Anette Basson** 

**Exploration Administrator** 

prospecting.rights@debeersgroup.com

Fax: 053 839 4880 Telephone: 053 839 4243

Attachments: Registration and Comment Sheet, Questionnaire

**Background Information Document** 

Draft Basic Assessment Report & Environmental Management Programme

PROSPECTING RIGHT APPLICATIONS IN RESPECT OF PORTION 5 OF THE FARM BRISTOL 17 LR, THE REMAINING EXTENT OF PORTION 1 OF THE FARM FALMOUTH 26 LR, THE FARM BEGEMAN 146 MR, THE FARM ZWARTRAND 147 MR, THE FARM WESTERFORD 148 MR, POTGIETERSRUS (MOKOPANE) DISTRICT, LIMPOPO PROVINCE

REF (LP 30/5/1/1/2/12815 PR)

## INTERESTED AND AFFECTED PARTIES REGISTRATION AND/OR COMMENT FORM

Do you have any areas of concern regarding the proposed project? Please briefly list them below:
Are there any additional stakeholders who you feel should be consulted with regards to the project? YES/NO
If "yes" please list their names and contact details below:
FARM OWNERS: Does the owner reside on the property?
Are there tenants other than the owner on the property? If so, roughly how many people are resident? Please provide their contact details (or for one representative if applicable):
How many farm workers stay on the farm?
Please provide contact details of farm workers who have residential rights.

Please add more pages if necessary

## QUESTIONNAIRE FOR INTERESTED AND AFFECTED PARTIES IN RESPECT OF

## PROSPECTING RIGHT APPLICATIONS

The information below is requested purely for use in the compilation of the Environmental Management Plan for the property referred to  • PORTION 5 OF THE FARM BRISTOL 17 LR,  • THE REMAINING EXTENT OF PORTION 1 OF THE FARM FALMOUTH 26 LR,  • THE FARM BEGEMAN 146 MR,  • THE FARM ZWARTRAND 147 MR,  • THE FARM WESTERFORD 148 MR  POTGIETERSRUS (MOKOPANE) DISTRICT, LIMPOPO PROVINCE, LP 30/5/1/1/2/12815 PR	6. If known, what is the average depth to the water table (groundwater) on the property  7. Are you aware of any water resource (including wetlands, rivers and/or streams) on your property or the near environment?
Name of respondent:	
Capacity (e.g. owner, tenant, etc.):  Contact details:	8. Are there any historical buildings or grave sites on the property? If so, please provide brief details:
What type of access exists to the property?	
2. Do access roads, if any, pass through other privately owned property, if so what are the requirements to use such road (e.g.: permission from neighbours or other surface owners?	9. If you are the owner of the property, are you the sole owner or are there other individuals, trusts or companies that share legal title? If so please provide contact details so that we can consult them too:
3. What is the main activity on the property (e.g.: Crop production, cattle farming etc.)?	
	10. Is there any tribal authority or community near your farm that we should communicate with?
4. Describe the dominant natural vegetation on the property, if any (savannah, grasslands, woody, forest etc.):	11. Please inform the newspaper' name(s) which are most used in your area:
5. To your knowledge, are there any protected species (plants or animals) present on the property? If so, please provide brief details:	12. Please also provide contact details of anyone else you think should be considered as an interested and affected party with regard to this property

# BACKGROUND INFORMATION DOCUMENT FOR AN ENVIRONMENTAL AUTHORISATION APPLICATION FOR THE PROSPECTING RIGHT APPLICATION (DMR REF LP 30/5/1/1/2/12815 PR) WITH RESPECT TO:

assessment

- PORTION 5 OF THE FARM BRISTOL 17 LR.
- THE REMAINING EXTENT OF PORTION 1 OF THE FARM FALMOUTH 26 LR.
- THE FARM BEGEMAN 146 MR.
- THE FARM ZWARTRAND 147 MR.
- THE FARM WESTERFORD 148 MR

## POTGIETERSRUS (MOKOPANE) DISTRICT, LIMPOPO PROVINCE

#### PURPOSE OF THIS DOCUMENT

De Beers Consolidated Mines Proprietary Limited has lodged an application for a environmental authorization for the prospecting right in terms of the 2014 Environmental Impact Assessment Regulations, Regulation No. 983, listing 20, read together with Section 16 of the Mineral and Petroleum Resources Development Amendment Act (Act No 49 of 2008).

The purpose of this document is to:

- Consult stakeholders and provide them with an opportunity to register as Interested and Affected Parties (I&APs),
- " Provide details on the prospecting activities to be undertaken.
- Describe potential impacts associated with the prospecting activities and how these will be managed.
- "Obtain stakeholder (IAP's) comments and contribution and incorporate these into a detailed Environmental Management Plan Report.

I&APs can send their comments by completing the attached registration form within 30 days of this communication.

Mrs Anette Basson

Phone: 053 839 4243/4188

Fax: 053 839 4880

Post: PO Box 616, Kimberley, 8300

E-mail: prospecting.rights@debeersgroup.com

#### PROPOSED PROSPECTING ACTIVITIES:

Prospecting for Kimberlite is a dynamic and result-driven operation which proceeds in phases, the outcome of which cannot be predicted or predetermined. Prospecting activities will consist of non-invasive (desktop studies and ground geophysics) and invasive (drilling) prospecting methods. Prospecting activities may be terminated at any stage if the results are negative and/or the Kimberlite is uneconomic. The following is a brief description of the activities to be undertaken for each phase of work.

#### **Prospecting Phases** Review of available information; and Selection of appropriate prospecting techniques. Desktop studies Geological mapping: Phase 2 Ground geophysical surveying (Magnetic and gravity methods); and Target delineation Interpretation of the new information. Soil and stream sampling Detailed geophysical surveys: **Ground Geophysics** Initial core drilling (85 mm hole diameter) (20m x 20m footprint) Max Phase 3 600m depth, core logging & drill samples; Testing of target & Laboratory analysis of drill samples for indicator minerals and/or initial testing microdiamonds and Integration & interpretation of new information. Detailed geophysical surveys and modeling: Phase 4 Further core drilling (85 mm hole diameter) (3 sites each with 20m x Kimberlite 20m footprint) maximum depth of 600m, Core logging & drill samples delineation & Laboratory analysis of drill samples for indicator minerals and/or Geophysical map 2 diamond testing microdiamonds and Interpretation of the new information and planning. Initial large diameter drilling (17" or 65cm) (40m x40m footprint) Max Phase 5 depth 600m (sample 200 tons); Deposit Test Diamond recovery and examination; and Integration & interpretation of new info. Futher Large diameter drilling (17" or 65cm) ( 2 sites each with 40m Core drilling Phase 6 x40m footprint) Max depth 600m (sample 200 tons); Deposit Micro & macro Diamond recovery and examination; and

Integration & interpretation of new info.

#### BASIC ASSESSEMNT REPORT & ENVIRONMENTAL MANAGEMENT PROGRAMME FOR PROSPECTING ACTIVITIES

Mitigation measures will be implemented to prevent disruption to the day to day running of the farm and to minimize any negative environmental impacts. Where such impacts are unavoidable, they shall be further reduced through close liaison with the lawful occupiers of the land and through specialists input.

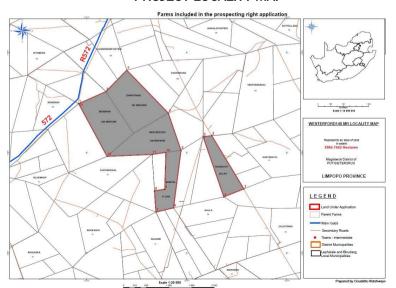
The potential environmental impacts associated with the proposed prospecting activities are managed through a comprehensive Environmental Management Plan.

#### **INITIATION PHASE**

Phases 1 and 2 involve desktop studies and ground geophysical surveys. These activities are not invasive and do not have any lasting impact on the environment. However, Phases 3 through 6 involve invasive activities relating to drilling operations. Drilling operations are restricted to small areas around the drill site. No physical construction activities will take place as no permanent infrastructure will be established. Drill site establishment entails controlled clearing of grass and shrubs to prepare the area for the setup and alignment of the drill rig and supporting equipment. Where portable sumps are not available, it may be necessary to dig a small sump for drilling water circulation. The entire established site is typically 20mx20m or 40mx40m in size for core drilling and Large Diameter Drilling (LDD) respectively. Mitigation measures will be put in place to prevent soil and water contamination (e.g. lining the sump with heavy duty plastic sheet and placing drip trays underneath the machinery). A site waste management plan will be established and maintained throughout the prospecting activities. The site establishment will be done with closure in mind taking into consideration that the rehabilitated area must be re-vegetated, safe, stable, non-polluting, and non-eroding and in a state that is suitable for the agreed post closure land use.

**Potential impacts:** Impacts on fauna and flora; dust, general waste generation, hydrocarbon spillages and potential soil erosion.

#### PROJECT LOCALITY MAP



#### **OPERATION PHASE**

Core drilling will be conducted as indicated in the prospecting phase. The water that will be used for the prospecting activities will be sourced on agreement from an existing authorized water user which could be either the land owner or local municipality. No water will be abstracted in terms of section 21(a) of National Water Act, 1998 (Act no. 36 of 1998). Drilling may take a few days to two months to complete per site depending on the geology of the area, technical challenges and other factors.

**Potential impacts:** Noise, general waste generation, ground and surface water contamination, hydrocarbon spillages and potential soil erosion.

#### REHABILITATION PHASE

The activity will involve the removal of all equipment and personnel from site. The sump lining and drill spoil/sludge will be removed and disposed in an environmentally responsible manner in line with the waste management standard. The borehole shall be covered and made safe. Once all equipment has been removed the sump will be backfilled and the area leveled with the top soil as stockpiled during the clearing activities. The stored rocks and stones will be replaced evenly over site to prevent wind and water erosion, trap seeds and aid water retention and re-vegetation.

Potential impacts: Soil erosion, dust, plants and animals

NB: It is important to note that the prospecting activities described above do not involve mining and/or mining related activities and/or trenching/pitting.

De Beers Consolidated Mines subscribes to the highest environmental international standards and is **ISO14001 certified**.

THE COMPANY'S THREE FUNDAMENTAL ECOHS PRINCIPLES ARE:





