



## **Background Information Document**

### **Stakeholder Engagement Process as part of the compilation of the Environmental Management Plan in the application for a Prospecting Right**

Vaalboschfontein 11; Remainder and Portions 1, 2, 3, and 4 of Farm 12; Remainder and Portion 1 of Farm 13; Farm 14; Farm 21; Remainder and Portion 1 of Kook Fontein 31; Northern Cape, Dikgatlong Municipal Area

**Applicant: Finsch Diamond Mine (Pty) Ltd**

**Consultant: Lizelle Prosch Environmental and Sustainability Consulting Services (Pty) Ltd**

**27 November 2013**

# Background Information Document and Call for Stakeholder Registration

Reference Number: (NC)30/5/1/1/2/11057PR

Finsch Diamond Mine (Pty) Ltd (owned by Petra Diamonds) submitted an application for the prospecting of diamonds (alluvial and kimberlite) in terms of Section 16 of the Mineral and Petroleum Resources Development Act 28 of 2002 (“MPRDA” or “the act”). The application was accepted by the Department of Mineral Resources (“DMR” or “the department”) on the 11<sup>th</sup> of November 2013.

The applicant is now required to prepare and submit an Environmental Management Plan and undertake stakeholder consultation in accordance with the Act.

The Department will review the Environmental Management Plan and the stakeholder consultation information prior to making a decision on whether to grant a prospecting right.

## 1. Location of the Planned Prospecting Activities

The Prospecting Right Application is in respect of farms in the Northern Cape, Dikgatlong Municipal Area. The farms being applied for include Vaalboschfontein 11; Remainder and Portions 1, 2, 3, and 4 of Farm 12; Remainder and Portion 1 of Farm 13; Farm 14; Farm 21; Remainder and Portion 1 of Kook Fontein 31 (refer to the locality plan attached as **Addendum A and B**).

## 2. Purpose of Stakeholder Consultation

The purpose of the stakeholder consultation process is to:

1. Engage with stakeholders as part of a process to identify the potential social and environmental impacts which may result from the planned prospecting activities.
2. Develop an understanding of the views, concerns and expectations of stakeholders.
3. Engage with stakeholders to determine the closure objectives as input into the development of a rehabilitation plan.

## 3. Consultation Process

The stakeholder consultation process is undertaken as detailed below:

1. Key stakeholders have been identified including:
  - (a) Landowners and/or occupiers of affected land portions.
  - (b) Landowners and/or occupiers located on land portions directly adjacent to the farms where prospecting will take place.
  - (c) Government bodies / organs of state that have jurisdiction over the area where prospecting will take place.

**Legal Framework** (including but not limited to):

Section 16 of the MPRDA – As part of an application for a prospecting right, a stakeholder consultation process must be undertaken.

Section 39 of the MPRDA – The Environmental Management Plan must meet the requirements of Section 39 of the Act.

Section 52 of the MPRDA Regulations - Prescribes the content of the Environmental Management Plan and the extent of the stakeholder consultation process.

**Notice is hereby given in terms of Section 16 of the MPRDA.**

- (d) Ward Councillors are consulted to ensure that host communities in proximity to the site are afforded the opportunity to participate.
  - (e) The Department of Rural Development and Land Reform are contacted to confirm land claims and if applicable, land claimants will be registered as stakeholders.
  - (f) Associations and non-governmental organisations that might have an interest in the area.
2. The identified stakeholders are contacted and requested to register (the registration process is described in **Section 5** below) to become part of the consultation process.
  3. All stakeholders are afforded the opportunity to share their views, raise concerns and clarify their expectations as it relates to the planned prospecting activities. Comments and concerns can be submitted in writing via email or fax (details provided in **Section 5**). **Registered** stakeholders will also be invited to a stakeholder meeting (to be scheduled at a suitable time and venue) at which time the following will be presented:
    - (a) An overview of the application process.
    - (b) The planned prospecting activities (also outlined in **Section 4** below).
    - (c) The anticipated social and environmental impacts and the measures to manage these impacts.
    - (d) The objectives for closure and rehabilitation.

Stakeholder comments and concerns will be used to further identify social and environmental impacts, develop management measures, and determine closure objectives and rehabilitation activities.

4. A written record of the stakeholder engagement process, the stakeholder comments and concerns will be compiled into a Report on Results of Consultation, and will be submitted to the DMR for consideration.
5. All registered stakeholders will be provided with written feedback to address any questions and concerns.
6. Further opportunity to review and comment on the draft Environmental Management Plan will be afforded to all registered stakeholders.
7. All registered stakeholders will be informed of the department's decision regarding whether a prospecting right was granted or not.

#### **4. Overview of the Planned Prospecting Activities**

The detailed geology and diamond potential of the area is relatively unknown, and exploration work will commence at a very basic level. The prospecting will be undertaken in three (3) in phases, each phase will be conditional on the success of the previous phase.

##### Phase 1: Data Acquisition and Desktop Survey

A desktop study of all available data for the area will be undertaken to accumulate as much regional and historical data around the area as possible. This includes published geological reports, infrastructure mapping, satellite imagery and existing geophysical information (if available), both primary (Kimberlite or Lamproite) and secondary (alluvial) diamond deposits will be targeted.

##### Phase 2: Target Generation and Ground-Truthing

If the initial results of the desktop study are positive, further data will be generated through airborne or ground geophysics. Targets generated and/or historical information will be investigated on the ground and subject to



more detailed target-specific geophysics and loam sampling for the presence of Kimberlite Indicator Minerals (KIM).

If any of the exploration targets give a positive result, a drilling programme will be undertaken in order to identify the causative body for the geophysical and geochemical targets.

### Phase 3: Scout Drilling and Delineation Drilling

Targets that have been prioritised through detailed loam sampling and ground geophysics will be tested by initial diamond or percussion drilling. If Kimberlite is intersected, samples will be taken for Heavy Metal Abundance (HMA) sampling to extract Kimberlite Indicator Minerals (KIM) such as garnet, chromite, ilmenite and chrome diopside in representative quantities. These will be analysed by electron microprobe for major and selected minor elements and the results will be interpreted to assess diamond potential.

Dependent on HMA results, further delineation drilling and micro-diamond (MiDA) sampling would be carried out to further define the deposit and give a better indication of grade.

Positive results from MiDA would be followed by more detailed delineation diamond drilling and geological modelling to assess potential resource tonnage and diamond content. Information gathered during this phase would be used in the decision to embark on additional prospecting and evaluation activities.

## **5. How to register as a Stakeholder**

Register to take part in the stakeholder consultation process through submitting your details via one of the following methods:

Email: [lizelle@proschconsulting.co.za](mailto:lizelle@proschconsulting.co.za)

Fax: 086 718 1695

Phone or SMS: 082 804 4024

Please submit the following details:

1. Your name and surname;
2. Your telephone and/or cellular phone number (cellular phone numbers may be used for SMS notification if required);
3. Your physical and postal address; and
4. Your organisation and/or capacity (for example “Ward Councillor, Ward Number, Municipal Area” or “Landowner / Resident, Farm Name and Number”).

**To receive an invitation to the stakeholder meeting, registration must be submitted on or before 6 December 2013.**

**(The final date of the meeting will be communicated; it is anticipated that the meeting will be held on a day during the week of 9 December 2013)**

<b>Action</b>	<b>On or Before</b>	<b>Comment</b>
Register as a stakeholder and / or to attend a stakeholder meeting	<b>6 December 2013</b>	While care has been taken to identify all affected parties and interested stakeholders, should there be other stakeholders you would like to be involved in the process, please send their details to the email address above
Stakeholder Meeting	To be confirmed (week of 9 December 2013)	All registered stakeholders will be extended an invitation to the meeting
Submit comments and concerns	<b>16 December 2013</b>	All comments and concerns submitted by this date will be accepted, responded to and included in the Report on Results of Consultation
Report on Results of Consultation submitted to the Department	<b>19 December 2013</b>	N/A
Review of Environmental Management Plan	To be confirmed (January 2014)	All registered stakeholders will be afforded the opportunity to review and comment on the Draft Environmental Management Plan