

SUMMARY OF THE PROPOSED PROSPECTING OPERATION.

1. List of activities applied for

All mining related activities for the recovering of diamonds by means of trenching:

- Geological Investigation – NEMA GNR 983 Listed 1 Activity 20
- Drilling – NEMA GNR 983 Listed 1 Activity 20
- Sampling – NEMA GNR 983 Listed 1 Activity 20
- Rehabilitation – NEMA GNR 983 Listed 1 Activity 20
- Ablution facility – NEMA GNR 983 Listed 1 Activity 20
- Vehicle storage – NEMA GNR 983 Listed 1 Activity 20
- Chemical storage – NEMA GNR 983 Listed 1 Activity 20
- Diesel storage – NEMA GNR 983 Listed 1 Activity 20
- Domestic waste facility – NEMA GNR 983 Listed 1 Activity 20
- Access road – NEMA GNR 983 Listed 1 Activity 20
- Mine roads – NEMA GNR 983 Listed 1 Activity 20

2. Scale and extent of activities

- Geological Investigation – ± 2322.7619 ha
- Drilling – ± 0.0640 ha
- Sampling –
- Rehabilitation – ± 0.0640 ha
- Ablution facility – ± 0.0016 ha
- Vehicle storage –
- Chemical storage –
- Diesel storage –
- Domestic waste facility –
- Access road – ± 0.4 ha
- Mine roads – -

3. Typical impacts of activities

The total aerial extent for the prospecting activities to be authorized and rehabilitated is 0,9312 ha. As rehabilitation is planned as an integral part of the prospecting activities final rehabilitation during decommissioning of the project will be minimal and rehabilitation cost less costly.

- The drilling operations are foreseen to have a total footprint of 0.0640 ha, but the actual footprint of the activity can be calculated per borehole (0.0040 ha). This is due to the compulsive rehabilitation of a drilled hole before commencement to the following, thus as the end of the drilling phase only (0.0040 ha) needs to be rehabilitated. Rehabilitation will be done by the backfilling of the drill chips in their respective manner. The area, suffering ground compaction, will be ripped and rehabilitated.

- Ablution facilities (0.0016 ha) is installed before drilling operations start and active till the decommissioning of the mine. During the drilling operations, mobile chemical toilets will be available to the contractors. As the drilling commences these toilets needs to be re-located from time to time for easy access when necessary. Once they are re-located the area compacted will be ripped and rehabilitated. Ablution contractors will be used to facilitate in the removal of these structures and the compacted area ripped and rehabilitated.
- The vehicle storage area is included in the drilling space as the drill rig and associated equipment will be left at its current location for continuation of drilling the following day. Rehabilitation entails the decommissioning and removing of all infrastructure, where after the area as a whole is ripped and rehabilitated.
- The domestic waste facility will be a container mounted on one of the drilling vehicles and clearly marked. The container will be emptied on a regular basis to ensure no spillage or littering occurs in the surrounding area and all staff will be notified were the waste container is.
- All access (0.4 ha) and mine roads will be ripped and rehabilitated during the decommissioning of the project.

4. Duration of each activity

All of the listed activities will be occurring concurrently and the time frame applied for at the Department of Mineral Resources is 2 years which is the duration of the permit.

5. Details regarding intended operation

DESCRIPTION OF PLANNED NON-INVASIVE ACTIVITIES:

(These activities do not disturb the land where prospecting will take place e.g. aerial photography, desktop studies, aeromagnetic surveys, etc)

Phase 1 – Geological investigations (4 months)

Geological investigations (months 1 to 4)

Initial geological investigations will be in the form of desktop studies using existing literature, available data of the area and satellite imagery. From these information obtained the current geological maps is updated to be more area specific.

Field visits will also be conducted for the purpose of geological surveys for determining the existence of specific trace minerals as well as outcrop evaluation. All findings will be digitally captured and geological models drafted.

Geological overview (month 5)

All results obtained during the first phase activities are communicated and explained within the geological overview. Within this report all data is summarized and final drilling positions determined and recommended.

Phase 2 – RC Drilling (12 months)

Logging (months 6 to 18)

All drill holes will be logged every meter containing information such as hole location, hole depth, gravel depth and other geological structures encountered within the hole. The dust samples will be taken and stored within sealed chip trays and safeguarded for future referencing.

Phase 3 – Geological Report (6 months)

Data input and mapping (months 19 to 22)

All data obtained during the proposed activities will be digitally captured and already existing maps updated to form more detailed and accurate models of the study area.

Geological Report writing (months 23 to 24)

All findings and results will be drafted and explained within a geological report. The geological models created will be used for the purpose and also be included within the report. The report will further include recommendations on future activities.