

## Borehole Information

**Borehole Number:**

**105/19/X016/H1**

**Prospecting Company:** De Beers Holdings Botswana

**Prospecting License No.:** PL119/93

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -21.433123 , 27.889372

**Location:** Matsiloje

**Start Drill:** 2000-05-01

**End Drill:** 2000-05-02

**Borehole Type:** Exploration

**Drilling Method:** Percussion & Core

**Sample Type:** Core & Chips

**Depth of Surface Casing:** N/A

**Azimuth:** Degrees

**Hole Inclination:** -90 Degrees

**Collar Elevation:** 970 Metres

**Borehole Water Strike:** N/A

**End of Hole (Depth):** 46 Metres

**Log Formation:**

| No. | From (m) | To (m) | Log Formation  |
|-----|----------|--------|--|
| 1.  | 0        | 1      | Dark brown Topsoil with fragments of gravel  |
| 2.  | 0        | 1      | Dark brown Topsoil with fragments of gravel  |
| 3.  | 1        | 10     | Greyish aphanetic rock with lath shaped black shiny crystals of Amphiboliteibole (pxy?). Fractured with calcite fillings |
| 4.  | 1        | 10     | Greyish aphanetic rock with lath shaped black shiny crystals of Amphiboliteibole (pxy?). Fractured with calcite fillings |
| 5.  | 10       | 14     | Light pinkish granitic gneiss with quartz veins  |
| 6.  | 10       | 14     | Light pinkish granitic gneiss with quartz veins  |
| 7.  | 14       | 16     | Light greyish phaneritic basalt (Fractured)  |
| 8.  | 14       | 16     | Light greyish phaneritic basalt (Fractured)  |
| 9.  | 16       | 18     | Light pinkish granitic gneiss with quartz veins  |
| 10. | 16       | 20     | Light pinkish granitic gneiss with quartz veins.   |
| 11. | 16       | 18     | Light pinkish granitic gneiss with quartz veins  |
| 12. | 16       | 20     | Light pinkish granitic gneiss with quartz veins.   |
| 13. | 18       | 20     | Dark greyish aphanetic Amphiboliteibolite with lath shaped opaque and shiny phenocrysts of Amphiboliteiboles             |
| 14. | 18       | 20     | Dark greyish aphanetic Amphiboliteibolite with lath shaped opaque and shiny phenocrysts of Amphiboliteiboles             |

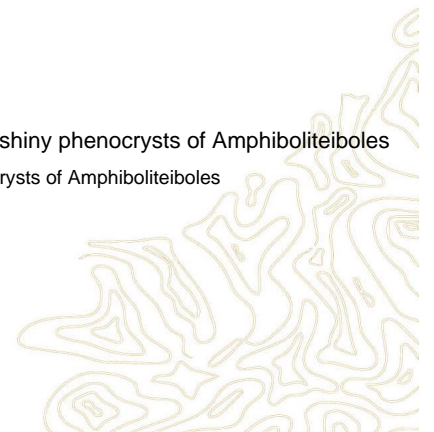
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**Page Number:** 1 | **Date/Time Stamp:** Sun, 22 Dec 24 10:32:53 +0200





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|     |    |    |  |
|-----|----|----|--|
| 15. | 20 | 22 | Pinkish granitic gneiss with creamish soft rock containing opaque shiny crystals (~15 - 20%) |
| 16. | 20 | 22 | Pinkish granitic gneiss with creamish soft rock containing opaque shiny crystals (~15 - 20%) |
| 17. | 22 | 25 | Dark grey aphanitic rock with phenocrysts of elongate opaque shiny mineral (fractured)       |
| 18. | 22 | 25 | Dark grey aphanitic rock with phenocrysts of elongate opaque shiny mineral (fractured)       |
| 19. | 25 | 31 | Pink granitic gneiss with traces of a creamish soft rock with opaque crystals at 23m & 30m.  |
| 20. | 25 | 31 | Pink granitic gneiss with traces of a creamish soft rock with opaque crystals at 23m & 30m.  |
| 21. | 31 | 32 | Light greyish basaltic gneiss meta basalt  |
| 22. | 31 | 32 | Light greyish basaltic gneiss meta basalt  |
| 23. | 32 | 35 | Pinkish granitic gneiss  |
| 24. | 32 | 35 | Pinkish granitic gneiss  |
| 25. | 35 | 36 | Light grey to greenish meta basalt   |
| 26. | 35 | 36 | Light grey to greenish meta basalt   |
| 27. | 36 | 45 | Phaneritic light greyish amygdaloidal meta? basalt   |
| 28. | 36 | 45 | Phaneritic light greyish amygdaloidal meta? basalt   |
| 29. | 45 | 46 | Light pinkish granitic gneiss  |
| 30. | 45 | 46 | Light pinkish granitic gneiss  |

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**NB:** For any enquiries, application, acquisition or verifications related to Water Boreholes, kindly contact the Department of Water and Sanitation for assistance.

