

Borehole Information

Borehole Number:

105/25/K003/1A/NDQ

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL31/88

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -22.703636 , 27.883524

Location: Lerala

Start Drill: N/A

End Drill: N/A

Borehole Type: Exploration

Drilling Method: Core

Sample Type: Core

Depth of Surface Casing: N/A

Azimuth: Degrees

Hole Inclination: N/A

Collar Elevation: N/A

Borehole Water Strike: N/A

End of Hole (Depth): N/A

Log Formation:

| No. | From (m) | To (m) | Log Formation |
|-----|----------|--------|--|
| 1. | 0 | 1 | Brown Topsoil. |
| 2. | 1 | 3 | Calcretised Sand and basement fragments + some free quartz, feldspar and mica Schist. |
| 3. | 3 | 6 | Highly weathered brown kimberlite (difficult to distinguish from weathered Schist despite foliation in latter). Variable proportions of inclusions (95-50%) pink granite gneiss, micaceous - Amphibolitebolite Schist, quartz. |
| 4. | 6 | 23 | Fresh to moderately fresh grey, greenish grey or brown grey fine grained featureless hypabyssal kimberlite - rare macrocrystic phlogopite. |
| 5. | 23 | 27 | Variable inclusions content 80-50% quartz, k-feldspar, Amphibolitebolite. |
| 6. | 27 | 34 | Moderately fresh hypabyssal kimberlite 80-50% inclusions. |
| 7. | 34 | 43 | 44m - no sample recovered. |
| 8. | 43 | 48 | Qtz and feldspar veined Amphibolitebolite. |
| 9. | 48 | 67 | Amphibolitebolite |
| 10. | 67 | 75 | 76m - water. |
| 11. | 75 | 81 | 82m - chlorite bearing feldspar and Amphibolitebolite. |
| 12. | 81 | 83 | Fine grained light grey featureless hypabyssal kimberlite - occasional |
| 13. | 83 | 86 | 86-88m no sample. |
| 14. | 86 | 89 | 89m - 95% inclusions. |

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| 15. | 89 | 90 | 90m no sample. |
| 16. | 90 | 94 | 91m - 40% inclusions (Amphiboliteibolite). |
| 17. | 94 | 96 | Fine light grey featureless hypabyssal kimberlite. Occasional |
| 18. | 96 | 102 | Inclusions 40% to >95% of sample - predominantly Amphiboliteibolite and chloritic feldspar. |
| 19. | 102 | 107 | 95% + inclusions. |
| 20. | 107 | 109 | 108m - 90% inclusions. |
| 21. | 109 | 110 | 110m - 95% + inclusions. |

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

