

Borehole Information

Borehole Number:

105/17/X920/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL107/96

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.352815 , 25.235976

Location: Orapa

Start Drill: 2005-03-15

End Drill: 2005-03-16

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: 980 Metres

Borehole Water Strike: 48 Metres

End of Hole (Depth): 71 Metres

Log Formation:

| No. | From (m) | To (m) | Log Formation |
|-----|----------|--------|--|
| 1. | 0 | 1 | Dark brown top Topsoil mixed of Silcrete and calcrete. |
| 2. | 1 | 5 | Very light grey creamish calcrete silcretised. |
| 3. | 5 | 10 | Light grey weathered amygdals and calcite abundant basalt. |
| 4. | 10 | 12 | Medium brown calcite rich weathered basalt. |
| 5. | 12 | 16 | Medium brown reddish fresh competent basalt with few calcite contain. |
| 6. | 16 | 20 | Dark reddish grey competent basalt. |
| 7. | 20 | 23 | Medium greyish brown fresh basalt. |
| 8. | 23 | 25 | Calcite rich yellowish brown fresh basalt. |
| 9. | 25 | 28 | Dark grey competent fresh basalt. |
| 10. | 28 | 30 | Dark grey yellowish competent basalt. |
| 11. | 30 | 32 | Dark reddish yellow oxidised less weathered igneous mafic rock (Gabbro ?) comprising pyrite. |
| 12. | 32 | 33 | Dark greenish grey weathered igneous mafic rock (gabbro ?). |
| 13. | 33 | 39 | Light yellowish orange weathered igneous mafic rock (Gabbro ?) with largest white amygdals. |
| 14. | 39 | 42 | Dark yellowish brown weathered moderately competent igneous mafic rock pyrite observed. |
| 15. | 42 | 44 | Dark green yellowish fresh to moderate competent igneous mafic rock plus pyrite. |

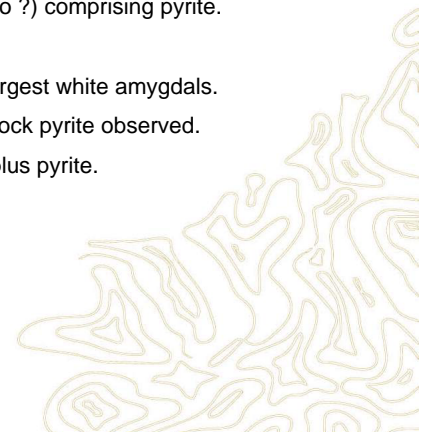
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| 16. | 44 | 45 | Light grey creamish weathered igneous mafic rock (Gabbro ?). |
| 17. | 45 | 46 | Dark grey moderate competent Sandstone. |
| 18. | 46 | 55 | Light yellowish pink weathered Sandstone, very fine grained. |
| 19. | 55 | 56 | Light greyish green weathered mudstone fine grained. |
| 20. | 56 | 58 | Dark reddish brown weathered mudstone. |
| 21. | 58 | 67 | Dark reddish brown weathered fine grained Sandstone. |
| 22. | 67 | 70 | Light yellowish orange muddy Sandstone very weathered. |
| 23. | 70 | 71 | Dark brown weathered mudstone. |

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

