

Borehole Information

Borehole Number:

105/17/X903/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL107/96

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.467106 , 25.477623

Location: Orapa

Start Drill: 2005-02-01

End Drill: 2005-02-01

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: 1006 Metres

Borehole Water Strike: 81 Metres

End of Hole (Depth): 125 Metres

Log Formation:

| No. | From (m) | To (m) | Log Formation |
|-----|----------|--------|--|
| 1. | 0 | 1 | Dark brown fine grained Sand. |
| 2. | 1 | 2 | Dark yellow to creamish Sand mixed of Silcrete. |
| 3. | 2 | 9 | Light brown creamish, highly competent Silcrete + 10% calcrete. |
| 4. | 9 | 10 | Red brown weathered basalt plus vein quartz. |
| 5. | 10 | 11 | Dark grey weathered basalt comprising vein quartz. |
| 6. | 11 | 13 | Mediu grey basalt mixed of abundant vein quartz. |
| 7. | 13 | 16 | Dark red brown to greenish amygdaloidales basalt, moderate competent. |
| 8. | 16 | 19 | Dark grey fresh basalt containing abundant vein quartz (highly competent). |
| 9. | 19 | 23 | Light brown medium competent weathered basalt comprising few quartz. |
| 10. | 23 | 26 | Red brown to grey fresh competent basalt. |
| 11. | 26 | 30 | dark red brown amygdaloidale basalt with quartz rich. |
| 12. | 30 | 33 | Red brown to greyish oxidised basalt comprising abundant green minerals. |
| 13. | 33 | 34 | Dark brown quartz rich oxidised basalt. |
| 14. | 34 | 36 | Red brown oxidised basalt containing green minerals. |
| 15. | 36 | 37 | Oxidised basalt comprising green minerals. |

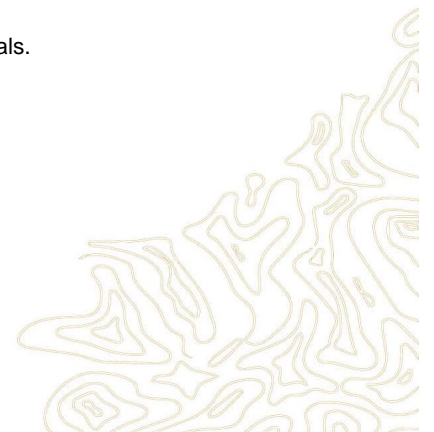
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Page Number: 1 | **Date/Time Stamp:** Wed, 22 Jan 25 19:06:29 +0200



Borehole Information

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| 16. | 37 | 40 | Dark brown greenish fresh basalt. |
| 17. | 40 | 42 | Dark grey fresh basalt with abundant greenish minerals. |
| 18. | 42 | 49 | Dark grey greenish fresh basalt containing few green minerals. |
| 19. | 49 | 50 | Red brown to grey amygdaloidal basalt comprising quartz. |
| 20. | 50 | 53 | dark grey fresh basalt consist of vein quartz, amygdal and green minerals. |
| 21. | 53 | 56 | Dark grey fresh basalt containing green minerals. |
| 22. | 56 | 59 | Dark grey to brown amygdaloidal fine grained fresh basalt. |
| 23. | 59 | 66 | dark grey greenish fine grained fresh basalt, green minerals observed. |
| 24. | 66 | 67 | Dark grey greenish fresh amygdaloidal basalt. |
| 25. | 67 | 68 | dark red brown fresh amygdaloidal basalt. |
| 26. | 68 | 71 | Dark brown competent fresh basalt. |
| 27. | 71 | 80 | Dark grey greenish fresh basalt (highly competent). |
| 28. | 80 | 81 | Dark brown blackish fresh basalt. |
| 29. | 81 | 84 | Red brown amygdaloidal oxidised basalt. |
| 30. | 84 | 86 | Red brown oxidised basalt containing green minerals and few amygdals. |
| 31. | 86 | 89 | Dark grey fresh basalt comprising blackish and greenish minerals with quartz. |
| 32. | 89 | 91 | Red brown oxidised amygdaloidal basalt. |
| 33. | 91 | 95 | dark grey to greenish fresh competent basalt. |
| 34. | 95 | 97 | dark greenish fresh competent basalt. |
| 35. | 97 | 99 | Red brown blackish fresh competent basalt. |
| 36. | 99 | 100 | Dark green blackish fresh competent basalt. |
| 37. | 100 | 101 | Red brown oxidised basalt medium competent. |
| 38. | 101 | 102 | Red brown oxidised basalt comprising quartz. |
| 39. | 102 | 104 | Light red medium grained Sandstone. |
| 40. | 104 | 110 | Light brown fine grained weathered Sandstone. |
| 41. | 110 | 125 | Light orange fine grained weathered basalt. |

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

