

Borehole Information

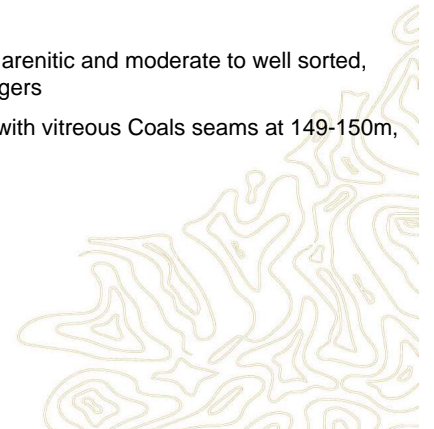
Borehole Number:
105/24/X008

Prospecting Company: De Beers Holdings Botswana
Prospecting License No.: PL109/88
Coordinates Type: WGS 84
Coordinates Format: Decimal Degrees
Coordinates: -22.834752 , 26.195671
Location: Moralane

Start Drill: 1900-01-02
End Drill: N/A
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: 1197 Metres
Borehole Water Strike: N/A
End of Hole (Depth): 236 Metres

Log Formation:

| No. | From (m) | To (m) | Log Formation |
|-----|----------|--------|---|
| 1. | 0 | 7 | U Kalahari - unconsolidated reddish brown ferricreted and buff white nodular hardpan calcrete fragments. Few +2mm chips recovered. |
| 2. | 7 | 9 | U Kalahari - buff white sub to mature nodular and medium to fine grained, moderately sorted calcareous Sandstone pervasively ferricreted at base |
| 3. | 9 | 45 | Mosolotshane Fm - reddish brown/maroon - grey massive and mature, uniform and competent argillaceous ferruginous siltstone/mudstone |
| 4. | 45 | 78 | Thlabala Fm - dull pale greyish green massive and mature competent and argillaceous Shaley mudstone with occasional dark organic Shale layers |
| 5. | 78 | 99 | Tlapana Fm - dull dark grey black massive and mature, competent and uniform carbonaceous Shale with vitranous Coaly layers at 89-92m, 93-94m, 95-96m, and 98-99m depths |
| 6. | 99 | 108 | Tlapana Fm - dull dark grey black mature and vitranous shaly Coal with several thin vitreous Coal layers |
| 7. | 108 | 115 | Tlapana Fm - dull grey massive and mature, moderately sorted organic Shale/siltstone |
| 8. | 115 | 116 | Tlapana Fm - dull dark grey black mature and vitranous Shaley Coal |
| 9. | 116 | 128 | Tlapana Fm - light to dull grey white spotted, medium to coarse grained arenitic and moderate to well sorted, mature and micaceous Sandstone - quartz wacke with thin organic stringers |
| 10. | 128 | 185 | Tlapana Fm - dull dark grey black, uniform and mature vitranous Shale with vitreous Coals seams at 149-150m, 152 - 161m, 163-165m, 167-169m and 170-171m |





Borehole Information

| | | | |
|-----|-----|-----|---|
| 11. | 185 | 201 | Tlapana Fm - dull grey mature and uniform, medium grained massive quartzite |
| 12. | 201 | 208 | Very fine grained, crystalline and mottled dolerite |
| 13. | 208 | 216 | Tlapana Fm - Dull grey - black carbonaceous Shale/siltstone |
| 14. | 216 | 231 | Dull grey medium grained mottled and crystalline dolerite |
| 15. | 231 | 236 | No chips available. Sample missing |

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

