

## Borehole Information

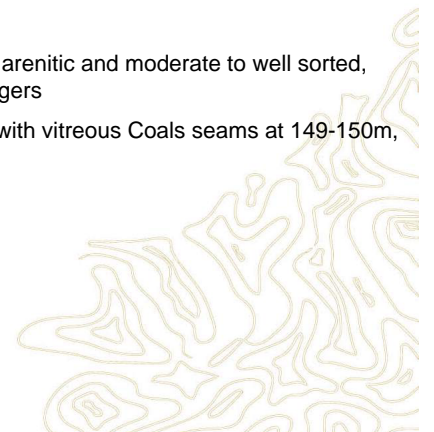
**Borehole Number:**  
**105/24/X008**

**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





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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

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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.

