

Borehole Information

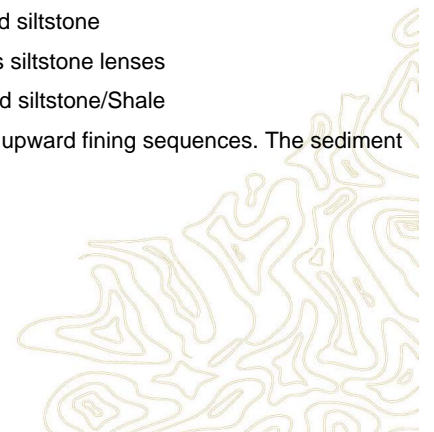
Borehole Number:
105/24/X003

Prospecting Company: De Beers Holdings Botswana
Prospecting License No.: PL109/88
Coordinates Type: WGS 84
Coordinates Format: Decimal Degrees
Coordinates: -22.763756 , 26.096669
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): 289 Metres

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	7	U Kalahari - Buff grey massive and mottled calcreted Silcrete
2.	7	25	U Kalahari - L Kalahari - buff white fine grained, sub to mature argillaceous and calcareous Sandstone
3.	25	27	L Kalahari - buff red tinged/stained fine grained, sub to mature argillaceous and calcareous Sandstone
4.	27	32	Mosolotshane Fm - purplish mature gritstone comprising predominantly dark grey Silcrete fragments and buff white calcareous Sandstone
5.	32	39	Mosolotshane Fm - purplish mauve mature and very fine grained well sorted argillaceous mudstone
6.	39	47	Mosolotshane Fm - Purple grey sub mature gritstone comprising predominantly mottled dark grey Silcrete and minor amounts of mauve argillaceous mudstone
7.	47	53	Mosolotshane Fm - mauve greenish grey tinted feldspathic and mature greywacke
8.	53	57	Mosolotshane Fm - buff grey, moderately sorted, sub to mature argillaceous and massive siltstone
9.	57	58	Mosolotshane Fm - Purple mauve sub mature gritstone dominated by mottled grey Silcrete clasts/fragments
10.	58	60	Mosolotshane Fm - cream - white sub to mature, moderate to well sorted siltstone
11.	60	74	Mosolotshane Fm - purple mauve platy mud/Claystone with argillaceous siltstone lenses
12.	74	76	Mosolotshane Fm - light purple - brown, massive and mature, well sorted siltstone/Shale
13.	76	96	Mosolotshane Fm - purple - mauve massive and mature mudstone with upward fining sequences. The sediment exhibits greyish lamination bands towards base.





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14.	96	148	Mosolotshane Fm - buff pale grey - brown massive and mottled siltstones, Shales, mud and Claystones
15.	148	278	Tlapana Fm - grey - black massive and mature carbonaceous Shales with intermittent vitreous Coaly layers at 215-221m, 227-233m, 245-248m, and 250-262m depths
16.	278	289	Basement - weathered/altered dark brown probable Amphibolitebolite becoming dark grey black and fresh at depth

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

