

Borehole Information

Borehole Number:

105/24/DT3/H4

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL109/88

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -22.939005 , 26.103801

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: 1119 Metres

Borehole Water Strike: N/A

End of Hole (Depth): 45 Metres

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	3	U Kalahari - unconsolidated surficial Sands and gravels. Poor +2mm chip recoveries. Clasts mainly quartz/Chert and calcrete
2.	3	4	U Kalahari - buff white massive and mature Sandy hardpan calcrete
3.	4	18	U Kalahari - grey - white, massive and moderately well sorted argillaceous calcareous Sandstone, inundated with probable surficial collapse material. Poor +2mm chip recoveries. Probable LSF at base
4.	18	23	Mosolotshane Fm - pale reddish - brown/pinkish massive and mature, moderately well sorted and matrix supported calcareous Sandstone
5.	23	39	Mosolotshane Fm - pale purple and greenish - grey laminated, massive and mature argillaceous mudstone/Shale, with upward fining sequences
6.	39	41	Thlabala Fm - massive and mature black carbonaceous/Coaly Shales/mudstone
7.	41	44	Thlabala Fm - pale grey massive and mature mud/Claystone
8.	44	45	Thlabala Fm - black purplish massive and mature carbonaceous Shale

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

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