

## 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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**Page Number:** 1 | **Date/Time Stamp:** Sun, 08 Sep 24 04:34:45 +0200

