

## Borehole Information

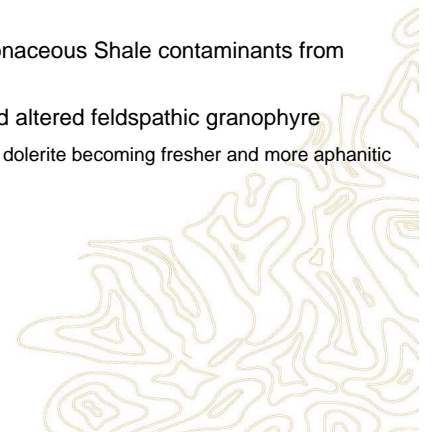
**Borehole Number:**  
**105/24/X010**

**Prospecting Company:** De Beers Holdings Botswana  
**Prospecting License No.:** PL109/88  
**Coordinates Type:** WGS 84  
**Coordinates Format:** Decimal Degrees  
**Coordinates:** -22.857756 , 26.146665  
**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:** 1144 Metres  
**Borehole Water Strike:** N/A  
**End of Hole (Depth):** 146 Metres

### Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	1	U Kalahari - unconsolidated ferricreted surficial scree. Few +2mm chips recovered
2.	1	6	U Kalahari - buff white submature, moderate to poorly sorted, medium to fine grained massive and nodular Silcreted calcareous Sand/siltstone
3.	6	11	Mosolotshane Fm - buff grey and maroon laminated, weathered and massive argillaceous and calcareous mudstone
4.	11	25	Tlapana Fm - light grey massive and mature argillaceous siltstone/Shale assuming a darker grey black organic mudstone colour below 17m depth
5.	25	48	Tlapana Fm - light grey, slightly greenish tinged mature argillaceous siltstone/Shale, well sorted with black organic spots and a dark grey/black organic mudstone lenses at 28-29m depth
6.	48	64	Tlapana Fm - dull black and mature vitranous and carbonaceous Shaley Coal with several thin (cm) vitreous Coal stringers
7.	64	78	Medium to coarse grained, massive and crystalline altered/weathered feldspathic granophyre showing extreme weathering and alteration towards the base
8.	78	81	Friable and extremely weathered granophyre with abundant black carbonaceous Shale contaminants from above horizons. Probable collapse material
9.	81	88	Medium to coarse grained, crystalline but friable severely weathered and altered feldspathic granophyre
10.	88	146	Massive and fine grained, dark coloured and moderately weathered to fresh crystalline dolerite becoming fresher and more aphanitic below 134m into a dark grey green light pinkish tinged probable basalt at base





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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.

