

Borehole Information

Borehole Number:

105/12/X072/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL51/88

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -20.998306 , 24.898687

Location: Dwaga

Start Drill: N/A

End Drill: N/A

Borehole Type: Exploration

Drilling Method: Core

Sample Type: Core

Depth of Surface Casing: N/A

Azimuth: Degrees

Hole Inclination: N/A

Collar Elevation: N/A

Borehole Water Strike: N/A

End of Hole (Depth): N/A

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	3	Yellowish brown, very fine-grained, clay-rich (cohesive) Sand mixed with weathered calcrete. No indicator minerals observed up to the end of hole.
2.	3	5	Pale green to light brown weathered calcrete and Silcrete.
3.	5	12	Pale green calcretised Silcrete (very hard) mixed with calcretised tabular shaped coarse grained Silcrete fragments.
4.	12	22	Light greenish to grey, medium to coarse grained calcretised Silcrete fragments, with high clay content.
5.	22	30	Greenish grey, medium to coarse grained calcretised Sandstone with tabular shaped (stalagmites and stalagmites like). Highly contaminated by the overlying Silcrete.
6.	30	41	Pale greenish to grey, very fine-grained calcretised Sandstone (very hard).
7.	41	46	Greenish brown, medium to coarse grained, moderately weathered igneous rock, characterised by calcite and metallic shiny platy minerals randomly oriented.- highly magnetic.(Dolerite or Basalt?)
8.	46	64	Dark grey to black, very fresh and competent igneous rock with shiny metallic mineral and calcite. The magnetic susceptibility of the unit is very high.
9.	64	77	Dark grey to black, very fresh and competent igneous rock with shiny metallic minerals decreasing with depth and calcite. The magnetic susceptibility of the unit is very high.

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

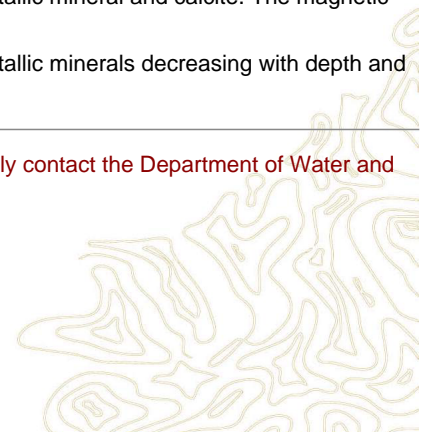
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Sanitation for assistance.

