

## Borehole Information

**Borehole Number:**

**105/12/X072/H01**

**Prospecting Company:** De Beers Prospecting Botswana (Pty) Ltd

**Prospecting License No.:** PL64/99

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -20.99831 , 24.89869

**Location:** Makgadikgadi

**Start Drill:** 2005-07-05

**End Drill:** 2005-07-12

**Borehole Type:** Exploration

**Drilling Method:** Percussion

**Sample Type:** Core

**Depth of Surface Casing:** N/A

**Azimuth:** Degrees

**Hole Inclination:** N/A

**Collar Elevation:** N/A

**Borehole Water Strike:** 56 Metres

**End of Hole (Depth):** 77 Metres

**Log Formation:**

No.	From (m)	To (m)	Log Formation
1.	0	3	
2.	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.
3.	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.
4.	3	5	
5.	3	5	Pale green to light brown weathered calcrete and Silcrete.
6.	3	5	Pale green to light brown weathered calcrete and Silcrete.
7.	5	12	
8.	5	12	Pale green calcretised Silcrete (very hard) mixed with calcretised tabular shaped coarse grained Silcrete fragments.
9.	5	12	Pale green calcretised Silcrete (very hard) mixed with calcretised tabular shaped coarse grained Silcrete fragments.
10.	12	22	
11.	12	22	Light greenish to grey, medium to coarse grained calcretised Silcrete fragments, with high clay content.
12.	12	22	Light greenish to grey, medium to coarse grained calcretised Silcrete fragments, with high clay content.

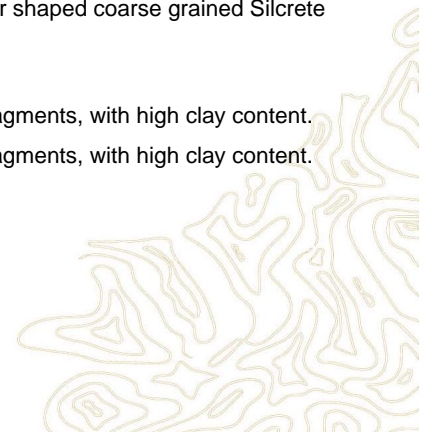
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## Borehole Information

13.	22	30	
14.	22	30	Greenish grey, medium to coarse grained calcretised Sandstone with tabular shaped (stalagmides and stalagtides like). Highly contaminated by the overlying Silcrete.
15.	22	30	Greenish grey, medium to coarse grained calcretised Sandstone with tabular shaped (stalagmides and stalagtides like). Highly contaminated by the overlying Silcrete.
16.	30	41	
17.	30	41	Pale greenish to grey, very fine-grained calcretised Sandstone (very hard).
18.	30	41	Pale greenish to grey, very fine-grained calcretised Sandstone (very hard).
19.	41	46	
20.	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?)
21.	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?)
22.	46	64	
23.	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.
24.	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.
25.	64	77	
26.	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.
27.	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 Sanitation for assistance.

