

## Borehole Information

**Borehole Number:**

**105/17/X913/H01**

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

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

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -21.15965 , 24.92402

**Location:** Makgadikgadi

**Start Drill:** 2005-08-20

**End Drill:** 2005-08-22

**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:** 67 Metres

**End of Hole (Depth):** 149 Metres

**Log Formation:**

No.	From (m)	To (m)	Log Formation
1.	0	7	Cream white to light brown, weathered calcrete.
2.	0	7	
3.	0	7	Cream white to light brown, weathered calcrete.
4.	7	14	Dark greenish (the colour fading with depth), massive crystalline, fresh and competent Silcrete.
5.	7	14	
6.	7	14	Dark greenish (the colour fading with depth), massive crystalline, fresh and competent Silcrete.
7.	14	23	Pale greenish, weathered siltstone.
8.	14	23	
9.	14	23	Pale greenish, weathered siltstone.
10.	23	25	Greenish brown, silty Mudstone.
11.	23	25	
12.	23	25	Greenish brown, silty Mudstone.
13.	25	29	Greenish brown, muddy Siltstone.
14.	25	29	
15.	25	29	Greenish brown, muddy Siltstone.

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16.	29	40	Reddish brown, oxidised silty Mudstone.
17.	29	40	Reddish brown, oxidised silty Mudstone.
18.	29	40	
19.	40	65	Light greyish, finely laminated silty Mudstone.
20.	40	65	Light greyish, finely laminated silty Mudstone.
21.	40	65	
22.	65	69	Very dark grey to black, massive carbonaceous Mudstone, shiny pyrite crystals observed.
23.	65	69	Very dark grey to black, massive carbonaceous Mudstone, shiny pyrite crystals observed.
24.	65	69	
25.	69	77	Very dark grey to black, thinly laminated carbonaceous Mudstone (Coally), with super abundant pyrite as both the veinlets or crystals
26.	69	77	Very dark grey to black, thinly laminated carbonaceous Mudstone (Coally), with super abundant pyrite as both the veinlets or crystals
27.	69	77	
28.	77	81	Light greyish, thinly laminated carbonaceous Mudstone (Coal), with super-abundant crystals of pyrite.
29.	77	81	Light greyish, thinly laminated carbonaceous Mudstone (Coal), with super-abundant crystals of pyrite.
30.	77	81	
31.	81	101	Dark grey to black, thinly laminated carbonaceous Mudstone (Coally) with abundant pyrite.
32.	81	101	Dark grey to black, thinly laminated carbonaceous Mudstone (Coally) with abundant pyrite.
33.	81	101	
34.	101	120	
35.	101	120	Dark greyish, fine-grained, fresh and competent igneous mafic rock. Pyrite recovered in concentrate. Sparkling crystals against the sun are observed.
36.	101	120	Dark greyish, fine-grained, fresh and competent igneous mafic rock. Pyrite recovered in concentrate. Sparkling crystals against the sun are observed.
37.	120	149	
38.	120	149	Greenish grey, fine to medium grained igneous mafic rock, fresh and competent, and is characterised by the presence of mica like minerals.
39.	120	149	Greenish grey, fine to medium grained igneous mafic rock, fresh and competent, and is characterised by the presence of mica like minerals.

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

