

Borehole Information

Borehole Number:

105/17/X920/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL107/96

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.352815 , 25.235976

Location: Orapa

Start Drill: 2005-03-15

End Drill: 2005-03-16

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: 980 Metres

Borehole Water Strike: 48 Metres

End of Hole (Depth): 71 Metres

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	1	Dark brown top Topsoil mixed of Silcrete and calcrete.
2.	1	5	Very light grey creamish calcrete silcretised.
3.	5	10	Light grey weathered amygdals and calcite abundant basalt.
4.	10	12	Medium brown calcite rich weathered basalt.
5.	12	16	Medium brown reddish fresh competent basalt with few calcite contain.
6.	16	20	Dark reddish grey competent basalt.
7.	20	23	Medium greyish brown fresh basalt.
8.	23	25	Calcite rich yellowish brown fresh basalt.
9.	25	28	Dark grey competent fresh basalt.
10.	28	30	Dark grey yellowish competent basalt.
11.	30	32	Dark reddish yellow oxidised less weathered igneous mafic rock (Gabbro ?) comprising pyrite.
12.	32	33	Dark greenish grey weathered igneous mafic rock (gabbro ?).
13.	33	39	Light yellowish orange weathered igneous mafic rock (Gabbro ?) with largest white amygdals.
14.	39	42	Dark yellowish brown weathered moderately competent igneous mafic rock pyrite observed.
15.	42	44	Dark green yellowish fresh to moderate competent igneous mafic rock plus pyrite.

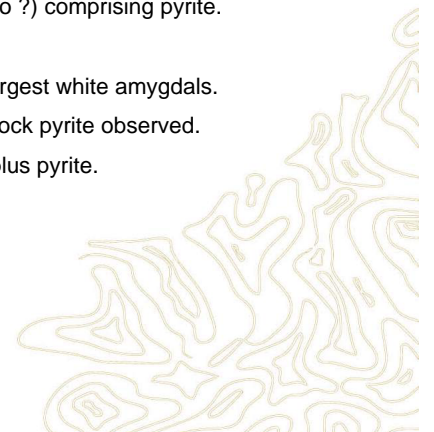
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16.	44	45	Light grey creamish weathered igneous mafic rock (Gabbro ?).
17.	45	46	Dark grey moderate competent Sandstone.
18.	46	55	Light yellowish pink weathered Sandstone, very fine grained.
19.	55	56	Light greyish green weathered mudstone fine grained.
20.	56	58	Dark reddish brown weathered mudstone.
21.	58	67	Dark reddish brown weathered fine grained Sandstone.
22.	67	70	Light yellowish orange muddy Sandstone very weathered.
23.	70	71	Dark brown weathered mudstone.

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

