

Borehole Information

Borehole Number:

105/17/X212/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL107/96

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.474468 , 24.569426

Location: Orapa

Start Drill: 2004-08-20

End Drill: 2004-08-24

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: 932 Metres

Borehole Water Strike: 60 Metres

End of Hole (Depth): 190 Metres

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	2	Surface vegetation: grass and shrub. Dark-grey Topsoil & dull (dirty) cream calcrete.
2.	2	8	Grey - orange to cream yellowish calcrete.
3.	8	17	Pale orange Silcrete (fine grained) with cream-yellow Sandy calcrete.
4.	17	35	Pale-orange & white Sandy calcrete.
5.	35	46	Dark-red medium grained Sandstone (poorly consolidated) colour index increases downward.
6.	46	60	Very hard red-brown coarse grained (matrix free) Sandstone with "dirty" weathering/oxidation (quartzite-like) chips. Water struck at 60m.
7.	60	74	Grey-red- brown fine grained Sandstone.
8.	74	86	Grey Sandstone with large (very coarse) up to 10mm size rounded quartz pebbles to 80m. Possible gravel layer(s) within Sandstone.
9.	86	180	Mixture of grey & red-brown siltstone with some grey intercalations. Colour gradually changes to brown then orange-brown towards 112 - 115m then greyish at 120m.
10.	180	190	Grey siltstone. Note the mixture of colour grey & dark-grey. Some chips show dark laminations. E.O.H at 190m in grey siltstone.

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

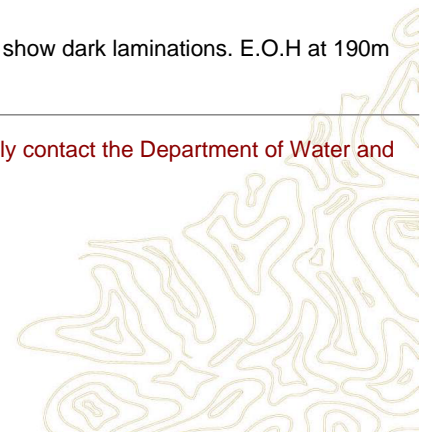
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Sanitation for assistance.

