

Borehole Information

Borehole Number:

105/17/X926/H01

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL107/96

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -21.02557 , 24.62122

Location: Khoekhe

Start Drill: 2005-09-02

End Drill: 2005-09-06

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: 11 Metres

End of Hole (Depth): 191 Metres

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	1	Light yellowish, fine-grained loose Sand.
2.	1	10	Light to dark greenish, calcretised Silcrete (very hard).
3.	10	36	Brownish to yellowish green, calcretised tabular shaped (elongated needle like) mixture of Silcrete (very hard) and Sandstone (gravel size fragments referred to as pan sediments).
4.	36	41	Cream whitish, calcretised (weathered), medium to coarse grained Sandstone characterised by abundant quartz clasts.
5.	41	54	Greyish green to brownish, silty Mudstone, highly contaminated by the overlying Kalahari sediments.
6.	54	58	Yellowish brown (orangish), thinly laminated silty Mudstone. Pyrite observed in concentrate.
7.	58	62	Dark brownish to light yellowish, thinly laminated Mudstone.
8.	62	69	Yellowish orange, weathered, thinly laminated silty Mudstone. Pyrite recovered in concentrate.
9.	69	90	Reddish brown, oxidised, thinly laminated silty Mudstone. Pyrite observed in concentrate.
10.	90	146	Dark greyish to black (darkening with depth), thinly laminated carbonaceous (Coally), pyrite rich Mudstone.
11.	146	149	Cream white, fine to medium grained weathered Sandstone.
12.	149	179	Dark greyish to black, thinly laminated carbonaceous (Coally) Mudstone with super abundant pyrite.
13.	179	183	Dark greyish (black), carbonaceous (Coally), thinly laminated Mudstone, rich in pyrite, with increasing sediment contaminant with depth.

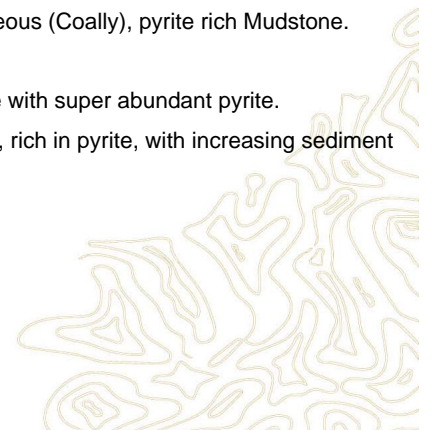
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Page Number: 1 | **Date/Time Stamp:** Sun, 22 Dec 24 11:25:10 +0200





Borehole Information

14. 183 191 Light brown, medium grained, weathered micaceous Sandstone.

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

