

Borehole Information

Borehole Number:

105/12/X019/H1

Prospecting Company: De Beers Holdings Botswana

Prospecting License No.: PL51/88

Coordinates Type: WGS 84

Coordinates Format: Decimal Degrees

Coordinates: -20.38703 , 24.28667

Location: Senagom

Start Drill: 1900-01-02

End Drill: 1900-01-02

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: N/A

End of Hole (Depth): 258 Metres

Log Formation:

No.	From (m)	To (m)	Log Formation
1.	0	2	Residual Topsoil (lithic fragments, calcified grass fragments, pedotubes).
2.	2	22	Lake sediments - I) hardpan nodular and powder clcrete, with calcretized Sandstone hosting tabular trace fossils (placelites) and fragments of calcified grass. Magnetic susceptibility = 10 dkx10-6.
3.	22	31	ii) Sandstone - calcretised, texturally immature becoming Silcretezd at depth.
4.	31	42	iii) Green glauconitic mudstone. Magetic suscept = 20 dkx 10-6.
5.	42	48	iv) Various calcrete and Sandstone with fossil fragments (as at 3m).
6.	48	78	v) Polymictic gravel horizon rounded to angular fragments of calcrete, Silcrete and Sandstone. Mag suscep = 20 dkx 10-6.
7.	78	113	vi) Evaporite deposits gypsum/ dolomite euhedra intercalated with grey to light brown clay. Mag suscept 10-20dkx10-6.
8.	113	141	vii) Polymictic pebble horizon (lithic fragments), (evaporite deposits as at 79m).
9.	141	156	viii) Mudstone - green, glauconitic, hosting gypsum euhedra.
10.	156	160	ix) Sandstone - dark grey, fine grained, pyritised. Mag suscep = 20 dkx10-6.
11.	160	238	Description too long to fit in SQL. Please refer to file.
12.	238	239	xi) Arkosic Sandstone - coarse grained, texturally and mineralogically immature light red in colour. Mag suscep = 390 dkx 10-6.

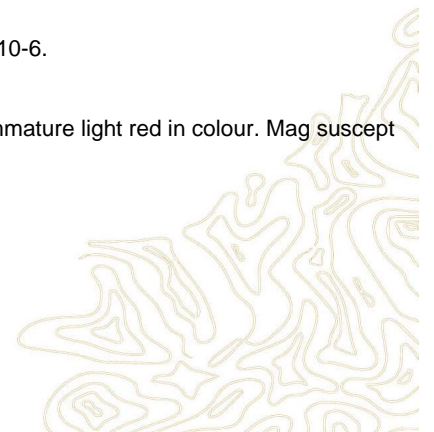
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Page Number: 1 | **Date/Time Stamp:** Thu, 16 Jan 25 03:47:10 +0200



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13. 239 257 Karoo bslt - l) wthrd, light red to brown, amygdaloidal . Mag suscept 490-1120 dkx 10-6.
14. 257 258 ii) Fresh, dark grey to black, porphiritic. Mag susiept = 2430 dkx 10-6.
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NB: For any enquiries, application, acquisition or verifications related to Water Boreholes, kindly contact the Department of Water and Sanitation for assistance.

