



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 417 - B / AX - 2024 Date 17.04.2024

Geophysical Borehole Logging Report

Name of the site : Bakainia T/W-2, Block - Khesaraha

District : Siddharth Nagar

Date : 17.04.2024

Depth logged : 165.0 mbgl

Depth drilled : 170.0 mbgl - as reported

Logger use : Robertson make

Presence : Rep. of M/S VSAIPPL-SCL JV, Siddharth Nagar

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	18.0-22.0	4.0	Good all
2	26.0-36.0	10.0	
3	40.0-44.0	4.0	
4	64.0-71.0	7.0	
5	76.0-83.0	7.0	
6	116.0-123.0	7.0	
7	134.0-138.0	4.0	

Not e. All zones are intermixed with fine bands of kankar. Sl. No. 7 is fine sand. No suitable zones were encountered below 138.0 mbgl till depth logged.

for Aqua Xplore

To
M/S VSAIPPL- SCL JV, Siddharth Nagar
Uttar Pradesh



GIP → Baikunier - II.107
 block - Khesasaha
 Dist - Siddhartha Nagar

Tubewell size (200x150)
 (165/170)

LPM = 550

As per logging Report

- ① 18.0 - 22.0 = 4.0
- ② 26.0 - 36.0 = 10.0
- ③ 40.0 - 71.0 = 4.0
- ④ 64.0 - 71 = 7.0 (B)
- ⑤ 76.0 - 83 = 7.0 (B)
- ⑥ 116.0 - 123.0 = 7.0 (B)
- ⑦ 134.0 - 138.0 = 4.0

MS plain pipe cutting

① 6.00 = 4.72 + 1.28

② 6.00 = 4.00 + 2.00

