



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 1216 - S/ AX - 2023

Date 16.12.2023

Geophysical Borehole Logging Report

Name of the site : Son Nagar, Block - Itwa

District : Siddharth Nagar

Date : 16.12.2023

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	26.0---36.0	10.0	Good all
2	40.0---50.0	10.0	
3	55.0---60.0	5.0	
4	66.0---76.0	10.0	
5	82.0---94.0	12.0	
6	97.0---107.0	10.0	
7	118.0---128.0	10.0	
8	132.0---139.0	7.0	
9	154.0---160.0	6.0	

Note. All zones are intermixed with fine bands of kankar.

for Aqua Xplore

To

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

Cr. P:- SON Nagar W.S.S. In
 Block:- Itwa
 Dist:- Siddhartha Nagar.
 Tubewell size = (300 x 150mm)
 (165/170)

CPM:- 950
 slotted:- 30m

As per logging Report Date:- 16/12/23

- 2.1) 26.0 - 36.0 = 10
- 3.1) 40.0 - 50.0 = 10
- 4.1) 55.0 - 60.0 = 5
- 5.1) 66.0 - 76.0 = 10
- 6.1) 82.0 - 94.0 = 12
- 7.1) 97.0 - 107.0 = 10
- 8.1) 118.0 - 128.0 = 10
- 9.1) 132.0 - 139.0 = 7
- 9.1) 154.0 - 160.0 = 6

Plain Pipe Cutting 150mm:-

- 1.) 6.01 = 3.00 + 3.01
- 2.) 6.01 = 4.00 + 2.01
- 3.) 6.02 = 3.00 + 3.02
- 4.) 6.01 = 5.00 + 1.01
- 5.) 6.02 = 5.00 + 1.02
- 6.) 6.01 = 2.92 + 3.09

Slotted pipe cutting 150mm:-

- 1.) 6.01 = 3.00 + 3.01

