



Aqua Xplore

(Groundwater Assessment & Allied Services)
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Advisor - Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 528 - M/ AX - 2023

Date 28.05.2023

Geophysical Borehole Logging Report

Name of the site : Maanpur, Block - Barhni

District : Siddharth Nagar

Date : 28.05.2023

Depth logged : 186.0 mbgl

Depth drilled : 210.0 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	34.0-38.0	4.0	Good all
2	54.0-62.0	8.0	
3	70.0-76.0	6.0	
4	110.0-114.0	4.0	
5	117.0-130.0	13.0	
6	136.0-150.0	14.0	
7	176.0-180.0	4.0	
8	182.0-186.0	4.0	

Note. All zones are intermixed with kankar. Sl. No. 1 is fine sand.

Verified as per
logs provided

[Signature]

for Aqua Xplore

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

[Signature]
29/05/23

M. campur
Barhni

200 x 150 mm

Loggung report

54-38 = 4

54-62 = 8

70-76 = 6

110-114 = 4

117-130 = 13 = 6 M

136-150 = 14 = 12 M

176-180 = 4

192-186 = 4

150 mm ϕ plain pipe cutting

6.01 = 5.10 + x

	6.00	0.5746
26	6.02	
25	6.02	
24	6.00	= 42.07 M
23	6.01	
22	6.01	
21	6.01	
20		41.57 M
	0.2	
		41.77 M
19	6.0	
18	6.0	
17	6.0	
16	6.0	
15	6.03	
14	6.0	
13	6.0	= 78.05 M
12	6.0	
11	6.0	
10	6.0	
9	6.02	
8	6.0	
7	6.0	
		119.82
6	6.03	125.85
5	6.04	11.14 M
4	5.10	136.99
3	6.0	
2	6.0	148.99
1	6.03	155.02
		+ 0.5 M
		155.52 M