



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 1207 - I / AX - 2023

Date 07.12.2023

Geophysical Borehole Logging Report

Name of the site : Itwa Baksl & Pipri Bujurg & Suhelwa, Block - Itwa

District : Siddharth Nagar

Date : 07.12.2023

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	22.0-30.0	8.0	Good all
2	39.0-49.0	10.0	
3	65.0-72.0	7.0	
4	76.0-84.0	8.0	
5	90.0-106.0	16.0	
6	116.0-120.0	4.0	
7	122.0-126.0	4.0	
8	140.0-150.0	10.0	

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

for Aqua Xplore

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

Jug & submerg
W.S.S in
Block - Tug
Dist - Siddharth Nagar

Tubewell size (300x150)
Logging/drilling = (165/170)

Lpm = 1000

Slotled = 30m

as per Logging Report
(07/12/2023)

① $22 - 30 = 8$

② $39 - 49 = 10$

③ $65 - 72 = 7 = 6\checkmark$

④ $76 - 84 = 9 = 6\checkmark$

⑤ $90 - 106 = 16 = 12\checkmark$

⑥ $116 - 120 = 4$

⑦ $122 - 126 = 4$

⑧ $140 - 150 = 10 = 6\checkmark$

plain pipe cutting $\phi 150\text{mm}$

① $6.03 = 5.67 + 0.36$

② $6.00 = 2.82 + 3.17$

③ $6.00 = 2.82 + 3.17$

25	6.01	
24	6.01	
23	6.00	
22	6.00	47.04
21	6.00	
20	6.02	
20	6.00	41.54
	0.200	41.74

19	6.03	
18	6.03	23.76
17	6.03	
16	5.67	65.5
15	" " " "	6.02 71.52
14	6.00	77.52
13	" " " "	6.01 83.53
12	6.03	8.95
11	2.82	92.39
10	" " " "	6.03
9	" " " "	6.03 104.44
8	6.03	
7	6.03	
6	6.03	
5	6.03	36.10
4	6.03	
3	6.03	
2	" " " "	6.03 140.62
2	" " " "	6.03 146.65
1	6.03	
n		

152.60
 $+ 0.50$

153.18