



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 620- N/ AX- 2024 Date 20.06.2024

Geophysical Borehole Logging Report

Name of the site : Nakhai & Sirsiya Raja, Block - Jogiya Khas

District : Siddharth Nagar

Date : 20.06.2024

Depth logged : 165.0 mbgl

Depth drilled : 165.0 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	22.0-26.0	4.0	Good all
2	30.0-34.0	4.0	
3	38.0-42.0	4.0	
4	63.0-70.0	7.0	
5	87.0-102.0	15.0	
6	108.0-124.0	16.0	
7	130.0-136.0	6.0	
8	142.0-146.0	4.0	

Note. All zones are intermixed with fine bands of kankar. Sl.Nos. 7 & 8 are fine sand.

for Aqua Xplore

To

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



G.P. = Nakahi, Siasia Pagar
 Block - Jagita
 Dist - Siddhoad h Hagar

Tribwell size (200x150)
 Leg/Drilling (163/165) tag

J.Pm = 550

Slotted = 24.m

As per Jagging Report (20/6/24)

- ① 22 - 26 = 4
- ② 30 - 34 = 4
- ③ 38 - 42 = 4
- ④ 63 - 70 = 7
- ⑤ 87 - 102 = 15 — (12)
- ⑥ 108 - 124 = 16 — (12)
- ⑦ 130 - 136 = 6
- ⑧ 142 - 146 = 4

ms plain cutting pipe 150mm

① $6.00 = 4.63 + 1.37$
 ✓ X

② $6.00 = 3.50 + 2.50$
 ✓ X

22	6.04	
21	6.04	
20	6.02	
19	6.01	42.16
18	6.04	
17	6.00	
16	6.01	41.66
	0.200	
15	6.00	41.86
14	6.00	
13	6.01	
12	6.00	
11	6.00	46.63
10	6.00	
9	6.00	
8	4.63	88.50
7		6.00
6		6.00
		100.50
5	6.00	
4	3.50	95.0
		110.00
3		6.00
2		6.00
		122.00
1	6.00	
	∩	128.00
		40.500
		<hr/> 128.50