



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 502 - B / AX - 2024

Date 02.05.2024

## Geophysical Borehole Logging Report

Name of the site Bishunpur Mustakaham, Block - Khesraha

District Siddharth Nagar

Date 02.05.2024

Depth logged 168.0 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	14.0—20.0	6.0	Good all
2	31.0—35.0	4.0	
3	49.0—59.0	10.0	
4	72.0—79.0	7.0	
5	90.0—94.0	4.0	
6	114.0—122.0	8.0	
7	130.0—140.0	10.0	
8	144.0—151.0	7.0	
9	158.0—166.0	8.0	

Note. All zones are intermixed with kankar.

for Aqua Xplore

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

City = Bisunpur Muradpur  
 Block = Khasnaha  
 Distt = Siddharth Nagar

42.06  
 42.00

Tubwell size (300x150)  
 (168x170)

rpm = 900

AS per logging Report

- 1) 14 - 20 = 6.0
- 2) 31 - 35 = 4.0
- 3) 49 - 59 = 10
- 4) 72 - 79 = 7 - (6)
- 5) 90 - 94 = 4 - (3)
- 6) 114 - 122 = 8 - (6)
- 7) 130 - 140 = 10 - (9)
- 8) 144 - 151 = 7 - (6)
- 9) 158 - 166 = 8

Plain pipe cutting 150 mm

- 1) 6.00 = 4.50 + 1.50
- 2) 6.00 = 3.50 + 2.50
- 3) 6.01 = 4.74 + 1.26
- 4) 6.02 = 3.00 + 3.00
- 5) 6.00 = 4.00 + 2.00
- 6) 6.00 = 5.00 + 1.00

MS Slotted pipe cutting

6.00 = 3.00 + 3.00

Plain  
 Assembly

27	6.00	
26	5.96	
25	6.01	
24	6.01	42.06
23	6.02	
22	6.03	
21	6.02	41.50
		41.70
20	6.00	
19	6.00	
18	4.58	30.80
17	6.00	
16	3.50	
15	4.74	72.50
14	6.00	78.50
13	6.01	12.01
12	6.00	90.51
11	3.00	93.51
10	6.00	
9	6.00	21.00
8	6.00	114.51
7	6.00	120.51
6	4.00	10.00
5	6.00	130.51
4	6.00	136.51
3	5.00	141.51
2	6.00	147.51
1	6.00	153.51
		156.51
		162.51
		170.1

Noting → 42 - 42 Save  
 Slotted → 18 - 18