



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 1226 - B / AX - 2023 Date 26.12.2023

## Geophysical Borehole Logging Report

Name of the site : Bewa Mustafa, Block - Domariyaganj

District : Siddharth Nagar

Date : 20.12.2023

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.	28.0-34.0	6.0	Good all
2.	44.0-52.0	10.0	
3.	63.0-73.0	10.0	
4.	76.0-84.0	8.0	
5.	93.0-98.0	5.0	
6.	120.0-127.0	7.0	
7.	131.0-141.0	10.0	
8.	150.0-166.0	16.0	

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

for Aqua Xplore

To

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

G.P:- Bewa Mustajir  
 Block - Domestik

Tybewell size (300x150)  
 (170/168)

Lpm = 550  
 Slotted :- 24.04

As per logging Report  
 26/12/2023

- ① 28 - 34 = 6.00
- ② 44 - 52 = 10.00
- ③ 63 - 73 = 10.
- ④ 76 - 84 = 8 — 6
- ⑤ 93 - 98 = 5.
- ⑥ 120 - 127 = 7 — 6
- ⑦ 131 - 141 = 10. — 6
- ⑧ 150 - 166 = 16.

Cy H'ing plan pipe. 150mm

$$5.94 = 5.21 + 0.78$$

$$6.01 = 4.00 + 2.01$$

$$6.01 = 3.45 + 2.56$$

		0.500
25	6.01	
24	6.01	
23	6.02	
22	6.02	
21	6.02	42.03
20	6.01	
19	6.00	41.54
	0.200	
		41.79
18	6.00	
17	6.00	
16	6.00	
15	6.60	35.21
14	6.00	
13	5.21	77.00
12		6.00
		83.00
11	6.01	
10	6.01	
9	6.01	
8	6.01	37.50
7	6.01	
6	4.00	
5	3.45	120.50
4		6.00
		126.50
3	6.00	132.50
2		6.00
		138.50
1	6.00	
		144.50
		145.00
	Acik	+ 0.50
		145.00