



# Aqua Xplore

(Groundwater Assessment & Allied Services)  
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Ref. 106 - BB / AX - 2023

Date 06.01.2023

## Geophysical Borehole Logging Report

Name of the site : Bharwatiya, Block - Bhanwapur

District : Siddharth Nagar

Date : 06.01.2023

Depth logged : ~~145.0~~ 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
<del>1</del>	32.0--40.0	8.0	Good all
<del>2</del>	48.0--64.0	16.0	
<del>3</del>	68.0--75.0	7.0	
<del>4</del>	78.0--91.0	13.0	
5	103.0--107.0	4.0	
6	113.0--117.0	4.0	
<del>7</del>	125.0--130.0	5.0	
<del>8</del>	134.0--138.0	4.0	

Note/ All zones are intermixed with fine bands of kankar. Sl. Nos. 5 & 6 are highly kankar intermixed.

Verified as per  
logs provided.

G.Ch  
07/01/23

*[Signature]*

for Aqua Xplore

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



950 x pm  
165 x 150 m  
300 x 150 mm φ  
30 m

BHARWANIXA  
MUSTACUM

6.01	
6.02	
6.01	
6.02	42.10 m
6.04	
6.00	
6.00	41.60
	0.20
	41.80
22	6.00
21	6.01
20	5.99
19	2.70
18	6.01
17	" " " 6.01
16	4.00
15	" " " 6.03
14	" " " 6.01
13	6.01
12	6.00
11	6.00
10	4.90
7	" " " 3.00
6	6.00
5	3.00
4	" " " 4.00
3	5.00
2	" " " 3.00

Strata As per Logging :-

1. 30 - 40 = 10
2. 48 - 64 = 16
3. 68 - 75 = 7 = 6
4. 78 - 91 = 13 = 12
5. 103 - 107 = 4
6. 113 - 117 = 4
7. 125 - 130 = 5 = 4
8. 134 - 138 = 4 = 3

Cutting 6" slotted :-

- 6.00 → 3.00 + 3.00 ✓ ✓
- 6.00 → 4.00 + 2.00 ✓ X
- 6" Plane
- 6.00 → 2.70 + 3.00 + 0.30 ✓ ✓ X
- 6.05 → 5.00 + 1.05 ✓ X
- 6.01 → 4.90 + 1.11 ✓ X
- 6.00 → 4.00 + 2.00 ✓ X

26.71 m  
68.51  
74.52  
78.52  
12.04  
90.56  
22.91 m  
113.47  
116.47  
9.00  
125.47  
129.47  
134.50