



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 1207 - BS / AX - 2023

Date 07.12.2023

Geophysical Borehole Logging Report

Name of the site : Belhara, Block - Khesraha

District : Siddharth Nagar

Date : 07.12.2023

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	20.0-30.0	10.0	Good all
2	36.0-40.0	4.0	
3	55.0-65.0	10.0	
4	76.0-80.0	4.0	
5	98.0-102.0	4.0	
6	106.0-110.0	4.0	
7	123.0-132.0	4.0	
8	135.0-139.0	4.0	
9	146.0-150.0	4.0	

Note. All zones are intermixed with kankar. Sl. No. 9 is fine sand.

for Aqua Xplore

To

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

Beethara

10.3.14

Block - Khasraing

Plot - Siddhathnagar

Tube well size - (300x150)

log/online - (165/165) m/sd

Lpm = 600

slotted = 10.0m

As per logging Report (03/12/023)

- ① 20 - 30 = 10
- ② 30 - 40 = 10
- ③ 55 - 65 = 10 = 9V
- ④ 76 - 80 = 4
- ⑤ 99 - 102 = 3 = 3V
- ⑥ 108 - 110 = 2
- ⑦ 129 - 132 = 3 = 3V
- ⑧ 135 - 139 = 4 = 3V
- ⑨ 146 - 150 = 4

plain pipe cutting 150mm

- ① 6.00 = 4.0 + 2.00
- ② 6.02 = 3.7 + 2.32
- ③ 6.01 = 3.95 + 2.06
- ④ 6.02 = 3.60 + 2.42
- ⑤ 6.00 = 4.60 + 1.40

slotted pipe cutting 150mm

- ① 6.00 = 3.60 + 2.40
- ② 6.00 = 3.00 + 3.00

25	6.01	
24	6.02	
26	6.00	42.00
25	6.03	
21	6.02	
23	6.00	41.50
22	6.01	012.00 41.30
21	6.01	
20	4.10	13.31
19	3.70	55.5
18	" " " "	6.01 4.01
17	" " " "	3.00 64.51
16	6.01	
15	6.02	
14	6.01	33.07
13	5.99	
12	6.01	
11	3.95	98.5
10	" " " "	3.70 101.50
9	6.02	
8	6.00	
7	6.01	22.05
6	6.02	
5	3.00	
4	" " " "	3.60 120.55
3	4.60	131.55
2	" " " "	3.00 135.55
1	6.00	130.55
		144.55
		70.50
		195.050 m