

(Groundwater Assessment & Allied Services)
243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001
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Advisor - Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 1220 - K / AX - 2023 Date 20.12.2023

Geophysical Borehole Logging Report

Name of the site : Kotiya Pandey, Block - Khesraha

District : Siddharth Nagar

Date : 20.12.2023

Depth logged : 170.0 mbgl

Depth drilled : 175.0 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	26.0-34.0	8.0	Good all
2	40.0-50.0	10.0	
3	78.0-84.0	6.0	
4	112.0-122.0	10.0	
5	128.0-134.0	6.0	
6	143.0-153.0	10.0	
7	156.0-170.0	14.0	

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

[Signature]
for Aqua Xplore

To

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

C.P. = Kalina Panday
 blok - Khesaraha
 Tehsil - Bansi
 Distt - Siddharth Nagar
 LPM - 650
 Slotted = 24.01

As per Jaggery Report

- ① 26 - 34 = 8
- ② 40 - 50 = 10
- ③ 78 - 84 = 6
- ④ 112 - 122 = 10
- ⑤ 126 - 139 = 6
- ⑥ 143 - 153 = 10
- ⑦ 156 - 170 = 14

⇒ plain cutting pipe .150mm

① $5.99 = 5.27 + 0.72$
 ② $5.99 = 4.00 + 1.99$

Slotted cutting pipe

① $6.00 = 3.00 + 3.00$

91			
29	6.00		
27	6.00		
26	6.00		
23	6.00		
22	6.00		42.03
21	6.00		
20	6.00		
19	6.00		
18	0.20		42 42.53
			42.73
21	6.00		
20	6.00		
19	6.00		35.27
18	6.00		
17	6.00		
16	5.27		78
15	" " "	6.00	
14	" " "		
13	6.00		
12	6.00		28.00
11	6.00		
10	4.00		112
9	" " "	6.00	
8	" " "		
7	" " "	3.00	121
6	6.00		
5	6.00		22.00
4	6.00		
3	4.00		143
2	" " "	6.00	
1	" " "		
0	" " "	3.00	152
	6.00		158
			+0.50
			<u>158.50</u>