



Aqua Xplore

(Groundwater Assessment & Allied Services)
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Advisor - Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 323 - K/ AX - 2023

Date 23.03.2023

Geophysical Borehole Logging Report

Name of the site : Katmorwa, Block - Khesraha

District : Siddharth Nagar

Date : 23.03.2023

Depth logged : 166.0 mbgl

Depth drilled : 167.0 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	46.0-66.0	20.0	
3	72.0-79.0	7.0	
4	84.0-88.0	4.0	
5	94.0-102.0	8.0	
6	113.0-117.0	4.0	
7	128.0-147.0	19.0	
8	153.0-156.0	3.0	
9	159.0-163.0	4.0	

Note. All zones are intermixed with kankar.

Verified as per logs provided.
Note. Sr No 2-59-66 (TU)

[Signature]

for Aqua Xplore

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

GSL
24/03/23



W. Kathmanawa W.S.S. 770 in dia. 1000 Block

8 = 250 Lpm
 = 2008152 mm
 = 1657.50
 = 30

Abada Alfa Lys-

- 1 - 20-30 = 10
- 2 - 46-66 = 20
- 3 - 72-79 = 7 > 6
- 4 - 84-85 = 4
- 5 - 90-102 = 8 > 6
- 6 - 113-117 = 4
- 7 - 128-147 = 19 > 18
- 8 - 153-156 = 3
- 9 - 159-163 = 4

6" Plain Cuff

6.00 → 3.00 + 3.00
 6.02 → 3.79 + 2.00 + (0.23)
 6.01 → 4.48 + 1.53

28	6.01	
27	6.00	
26	5.99	
25	6.00	= 42.01
24	6.01	
23	6.01	
22	6.00	= 41.59
0.20 m		
21	6.00	41.71
20	6.00	
19	6.01	= 30.80
18	3.00	
17	6.00	
16	3.79	= 72.54
	" " "	
15	" " "	6.01 = 78.52
14	6.00	
13	6.00	= 16.48
12	4.48	
	" " "	95.00
11	" " "	6.01
	" " "	101.01
10	6.00	
9	3.00	= 2.00
8	6.01	
7	6.01	= 27.52
6	1.53	
5	6.00	
	" " "	128.53
4	" " "	6.00
	" " "	
3	" " "	6.00 = 18.00
	" " "	
2	" " "	6.00 = 146.53
1	6.00	
0.1		
		152.53 + 0.5