



Aqua Xplore

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

Ref. 811 - H/ AX - 2023

Date 11.04.2023

Geophysical Borehole Logging Report

Name of the site :, Harraiya, Block - Mithwal

District : Siddharth Nagar

Date : 11.04.2023

Depth logged : 159.0 ~~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—24.0	4.0	Good all
2	30.0—34.0	4.0	
3	38.0—48.0	10.0	
4	57.0—67.0	10.0	
5	74.0—87.0	13.0	
6	95.0—105.0	10.0	
7	113.0—120.0	7.0	
8	127.0—134.0	7.0	

Note. Sl.Nos.5,6 & 7 are Intermixed with kankar.

Verified as per
logs provided. *[Signature]*

for Aqua Xplore

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

G. Sh
12/04/23



second of gov
Kannaiya W.S.S. - Tlw in dist. Siddharthnagar

Block - Mithura
Som

$\phi = 800 \text{ mm}$
 $= 300 \times 150 \text{ mm } \phi$
 $= 175 \text{ | } 160$
 $= 24 \text{ m (As per DPR)}$

Strata As per logging

1. 20-24 = 4
2. 30-34 = 4
3. 38-48 = 10
4. 57-67 = 10
5. 74-87 = 13 = 12
6. 95-105 = 10 = 6
7. 113-120 = 7 = 6
8. 127-134 = 7 = 6

Cutt 7.6"

6.00 → 2.70 + 3.30

6.00 → 1.75 + 4.25

25	6.00	
24	6.00	
23	6.00	
22	6.03	
21	6.00	
20	6.01	
19	6.03	
= 42.07		
0.20 m		
41.77		
18	6.00	
17	6.01	
16	6.01	
15	6.00	
14	2.70	
13	6.00	
12	" " "	
11	" " "	
10	5.99	
9	3.30	
8	" " "	
7	6.00	
6	6.00	
5	" " "	
4	6.00	
3	1.75	
2	" " "	
1	6.00	
= 74.49		
= 12		
86.49		
= 9.29		
95.78		
101.78		
113.78		
119.78		
7.75		
127.53		
6.00		
133.53		
139.53 + 0.5		