



AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2022/SNDHNGR-1
Date : 31/10/2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Patheri
Location : 27.287135, 82.772432
Block : Khuniyaon
District : Siddharth Nagar
State : Uttar Pradesh
Drilling Depth : 165 Mbgl
Logging Depth : 165 Mbgl
Date of Logging : 29-Oct-2022
Logged By : Mr. Sadik Sheikh (Wellsite Geologist)
Logger Make : GIT
Tubewell Drilled By : M/S SCL Infratech Limited, Siddharth Nagar, Uttar Pradesh
Representative : Mr. Gaurav Yadav

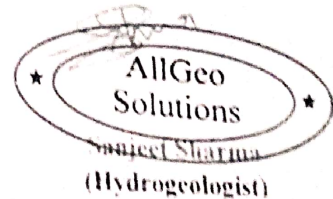
Based on the interpretation of Self Potential(SP), Short Normal(N-16''), Long Normal(N-64'') and Lateral(6'') Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only.

Sl No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	17-31	14	Good
2	39-47	8	Good
3	49-59	10	Good
4	64-68	4	Good
5	72-82	10	Good
6	88-95	7	Good
7	98-102	4	Good
8	118-124	6	Good
9	133-143	10	Good
10	156-163	7	Good

Note: ~~1~~ Sr No 2 is highly kankar intermixed
~~2~~ Sr No 7 is fine sand in nature.

Verified as per logs provided.

*ASSISTANT GEOLOGIST
CIRCLE OFFICE (EIM)
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Pathari G.P. w.s.s. Twin Block - Khudiyam dist. H. Bidhanthra

$R = 750 \text{ lpm}$

$= 165/150 \text{ m}$

$= 300 \times 150 \text{ mm} \phi$

$= 24 \text{ m}$

Strata as per logging -

1 - 17 - 31 = 14

2 - 39 - 47 = 8

3 - 49 - 59 = 10

4 - 64 - 68 = 4

5 - 72 - 82 = 10

6 - 88 - 95 = 7

7 - 98 - 102 = 4 X

8 - 118 - 124 = 6

9 - 133 - 143 = 10

10 - 156 - 163 = 7

Dr. R. A. Yadav Sir

50 - 60 = 10

63 - 67 = 4

70 - 83 = 13

86 - 93 = 7

116 - 121 = 5

131 - 144 = 13

Strata is highly Kankar

intermixed & sl no. 7 is

fine sand in nature.

Cutting ->

6" Stiff

$6.01 \rightarrow 3.00 + 3.01$

$6.02 \rightarrow 3.02 + 3.00$

6" Plaine

$6.00 \rightarrow 1.10 + 4.90$

$6.00 \rightarrow 1.59 + 4.41$

$6.00 \rightarrow 3.00 + 3.00$

$6.00 \rightarrow 5.10 + 0.90$

30	6.01	0.50 m
29	6.01	
28	6.02	
27	6.02	
26	5.57	
25	6.02	
24	6.02	41.57
		0.20 m
23	6.00	41.77
22	5.90	
21	5.90	
20	5.90	
19	1.10	
18	5.90	
17	" " "	72.47
	" " "	6.01
16	" " "	3.02
15	4.90	81.50
14	3.00	
	" " " "	89.40
13	" " " "	3.01
	" " " "	
12	6.00	92.41
11	6.00	
10	6.00	
9	1.59	
8	6.00	
	" " " "	118.00
7	" " " "	3.00
	" " " "	121.00
6	4.41	
5	3.00	
4	5.10	
	" " " "	133.51
3	" " " "	6.01
	" " " "	
2	" " " "	3.00
		142.52
1	6.01	
	A	148.53

110.02 50