

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref GIT/UP. PJM-23-24-LS: 46

Dated. 05-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Panani
 Block: Lotan
 District: Siddharth Nagar
 State: Uttar Pradesh
 Drilling Depth: 190.0 m bgl
 Logging Depth: 186.0 m bgl
 Date of logging: 04-04-2023
 Rm - 14.0 Ω m Rw - 13.0 Ω m

Borehole Drilled by: M/s VSAIPPL- SCL (JV), Siddharth Nagar, U. P.

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 (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	17-20	03	Good
2.	30-37	07	Good
3.	53-57	04	Good
4.	60-70	10	Good
5.	105-112	07	Good
6.	120-127	07	Good
7.	142-152	10	Good
8.	165-168	03	Good
9.	171-175	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zones Sl. No. 3 & 6 are highly intermixed with fine bands of kankar.

Verified as per logs provided

*GSh
05/04/23*

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)



Phase-3 USA SCL

Panani w.s.s. The in distt. Siddharthnagar Block-Latan

Q = 650 lpm

= 700 x 150 mm

= 175/160

= 24

Abanta Aspaliggiy

1- 17-20 = 3

2- 30-37 = 7

3- 53-57 = 4

4- 60-70 = 10

5- 105-112 = 7

6- 120-127 = 7

7- 142-152 = 10

8- 165-168 = 3

9- 171-175 = 4

Cutting → 6" Plain :-

6.01 → 3.75 + (2.26)

- (i) 2.83 → Slotted pipe
 - (ii) 3.01 → Plain pipe
 - (iii) 3.00 → Plain pipe
- } Already exists at site

23	6.01	
26	6.00	
25	6.03	
24	6.01	= 42.02
23	6.00	
22	5.96	
21	6.00	41.52
		0.20
		41.72
20	6.00	
19	6.02	
18	3.01	
17	3.75	60.50
	" "	6.01 = 8.84
16	" "	2.83
	" "	69.34
15	6.01	
14	6.01	
13	6.01	
12	6.01	= 36.06
11	6.01	
10	6.01	105.40
9	" "	6.00
	" "	111.40
8	6.00	= 9.00
7	3.00	120.40
6	" "	6.00
	" "	126.40
5	6.00	
4	6.00	= 18
3	6.00	144.40
	" "	
2	" "	6.00
	" "	150.40
1	6.00	
		156.91
		156.41 + 0.50