

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: 104
 Dated: 11-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Gardahiya
 Block: Domariaganj
 District: Siddarth Nagar
 State: Uttar Pradesh
 Drilling Depth: 167.0 m bgl
 Logging Depth: 167.0 m bgl
 Date of logging: 09-04-2023
 Rm - 15.0 Ω m Rw - 14.0 Ω m

Borehole Drilled by: M/s SCL Infratech Limited Siddarth 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.	41 - 50	09	Good
3.	65 - 69	04	Good
4.	75 - 82	07	Good
5.	86 - 90	04	Good
6.	100 - 110	10	Good
7.	131 - 141	10	Good
8.	160 - 164	04	Good

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

2. Zone Sl. No. 4 & 7 are highly intermixed with fine bands of kankar.

Verified as per logs provided

*G. Gh
12/04/23*

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)

Widit was Jan. 1951. Sindhharth Nagar, Block. Dumriya Jang

7-10 size = 3000/150mmf
 1/2 = 800 ftm
 was 150/100
 Date - 12-4-23
 Logging Report 9-4-23

1. 17-20 = 03
2. 41-50 = 09
3. 65-69 = 04
4. 75-82 = 07
5. 86-90 = 04
6. 100-110 = 10
7. 131-141 = 10
8. 160-164 = 4

Cutting

150mmf slotted like

6.00 = 3.00 + 3.00
 (1) (2)

150mmf Plain like

- ① 6.01 = 3.90 + 2.11
 (16) (11)
- ② 6.01 = 4.82 + 1.13
 (10)
- ③ 6.01 = 4.02 + 1.99
 (4)

Q. No.	Rate	Total
27	6.00	
26	6.00	
25	6.01	
24	5.98	41.90
23	5.95	
22	5.96	
21	6.00	
0.20		41.40
20	6.00	41.60
19	6.00	
18	5.91	
17	6.00	33.91
16	3.90	
15	6.00	75.51
14	6.00	
13	6.00	81.51
12	6.00	
11	2.11	10.99
10	4.00	
9	6.00	100.50
8	3.00	
		109.50
7	5.99	
6	5.99	22.0
5	6.00	
4	4.02	
		131.50
3	6.00	
2	3.00	140.50
1	6.00	
A		146.50
		0.50
Abt		147.00 M