

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: 949

Dated: 05-07-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pokharbhinda
Block: Nautanwa
District: Maharajganj
State: Uttar Pradesh
Date of logging: 04-07-2023
Drilling Depth: 225.0 m bgl
Logging Depth: 220.0m bgl
Rm – 35.0 Ω m Rw – 45.0 Ω m

Borehole Drilled by: M/s Ritwik- Koya(JV), Maharajganj, U.P. India.

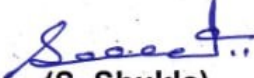
Based on the interpretation of Self Potential (SP), Short Normal (N-16''), Long Normal (N-64'') and Lateral (6') geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	20 – 24	04	Good
2.	35 – 45	10	Good
3.	54 – 58	04	Good
4.	62 – 66	04	Good
5.	74 – 80	06	Good
6.	156 – 160	04	Good
7.	164 – 168	04	Good
8.	174 – 181	07	Good
9.	208 – 212	04	Good

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

2. Zone Sl. No. 8 & 9 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's


(S. Shukla)

Site - Pakharbhinda

Block - Nautanwa

District - Maharajganj

Date of Logging - 04-07-2023

Drilling Depth - 225 m, 600x500

Logging Depth - 220 m

Assembly - 300x150

Date - 07-07-2023

Logging Report

- ① 20-24 = 04
- ② 35-45 = 10
- ③ 54-58 = 04 ✓
- ④ 62-66 = 04
- ⑤ 74-80 = 06 ✓
- ⑥ 156-180 = 04 ✓
- ⑦ 164-168 = 04 ✓
- ⑧ 174-181 = 07 = 06
- ⑨ 208-212 = 04

Cutting 15mm plain pipe

- ① $6.00 = 4 - 2$ (22) (27)
- ② $6.01 = 4.1 - 1.9$ (16)
- ③ $6.00 = 3.9 - 2.4$ (8)
- ④ $6.00 = 4.00 - 2.00$ (6) (4)
- ⑤ $6.02 = 4.5 - 2.2$ (3)

Total Lowering = 187.00

35	6.03	
34	6.03	
33	6.02	= 36.18
32	6.03	
31	6.04	35.68
30	6.03	35.88
	0.2	
29	6.00	
28	6.02	
27	2.00	
26	4.1	54.00
25	---	4.00 58.00
24	6.00	
23	6.00	
22	4.00	74.00
21	---	6.00 80.00
20	6.02	
19	6.02	
18	6.00	
17	6.00	
16	6.00	
15	6.00	
14	6.02	= 76.00 m
13	6.01	
12	6.00	
11	6.02	
10	6.01	
9	6.00	
8	3.9	156.00
7	---	4.00 160.00
6	4.00	164.00
5	---	4.00 168.00
4	2.00	
3	4.5	174.5
2	---	6.00 180.5
1	6.00	186.5
	0.5	+0.5
		<u>187.00</u>