

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:K- 519
Dated: 17-12-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jara Parsa Sumili
Block: Nautanwa
District: Maharajganj
State: Uttar Pradesh
Date of Logging: 17-12-2023
Drilling Depth: 250.0 mbgl
Logging Depth: 222.0 mbgl
Rm -15.0 Ω m Rw - 14.0 Ω m
Latitude:27.0667570 Longitude: 83.6260400

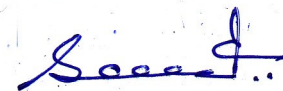
Borehole Drilled by: M/s Ritwik Koya (JV), Maharajganj, Uttar Pradesh.

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.	16 - 20	04	Good
2.	34 - 38	04	Good
3.	40 - 44	04	Good
4.	47 - 60	13	Good
5.	64 - 71	07	Good
6.	80 - 84	04	Good
7.	100 - 104	04	Good
8.	148 - 152	04	Good
9.	172 - 176	04	Good
10.	192 - 196	04	Good
11.	204 - 208	04	Good
12.	211 - 215	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 3, 5, 10 & 12 are highly intermixed with fine bands of kankar.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)

JJM=III

GP: - Jata Pasa Sumiti

Block: - Nautanwa, Maharajganj

Drilling Depth: - 250, 600x500

Logging Depth: - 222

Logging Date: - 17-12-23

LPM = 1350, 300x200

Slotted = 30 mtr

Date: - 19-12-23

Logging Report

- ① 16-20 = 04
- ② 34-38 = 04
- ③ 40-44 = 04
- ④ 47 = 60 = 13 = 09
- ⑤ 64 = 71 = 07 = 06
- ⑥ 80 - 84 = 04 = 03
- ⑦ 100 - 104 = 04 = 03
- ⑧ 148 - 152 = 04 = 03
- ⑨ 172 - 176 = 04 = 03
- ⑩ 192 - 196 = 04 = 03
- ⑪ 204 - 208 = 04
- ⑫ 211 - 215 = 04

39	6.05	
38	6.05	
37	6.06	
36	6.04	
35	6.05	= 36.29
34	6.04	35.79
	6.2	35.99
33	6.01	
32	2.00	= 14.01
31	6.00	50.00
30	6.00	56.00
29	3.00	59.00
28	5.50	64.50
27	6.00	70.50
26	6.00	
25	4.00	10.00
	3.00	80.50
24	3.00	83.50
23	6.00	
22	6.00	17.00
21	5.00	100.50
20	3.00	103.50
19	6.03	
18	6.03	
17	6.03	45.00
16	6.02	
15	6.02	
14	2.80	
13	6.04	
12	6.03	148.50
11	3.00	151.50
10	6.02	
9	6.02	= 21.00
8	2.93	
7	6.03	172.50
6	3.00	175.50
5	6.00	
4	5.00	= 17.00
3	6.00	192.50
2	3.00	195.50
1	6.02	201.52
	0.5	202.02

Total Logging = 201.52 + 0.5
= 202.02 mtr

202.02