

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: 882

Dated: 27-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sheshpharinda
Block: Nautanwa
District: Mahrajganj
State: Uttar Pradesh
Drilling Depth: 255.0 m bgl
Logging Depth: 241.0 m bgl
Date of logging: 26-06-2023
Rm - 15.0 Ω m Rw - 12.0 Ω m

Borehole Drilled by: M/s Rithwik- Koya-JV, Mahrajganj, 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:

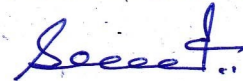
Sl. No.	Depth Range (m-bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	16 - 19	03	Good
2.	36 - 40	04	Good
3.	57 - 64	07	Good
4.	81 - 85	04	Good
5.	102 - 108	06	Good
6.	143 - 147	04	Good
7.	158 - 165	07	Good
8.	178 - 185	07	Good
9.	188 - 191	03	Good
10.	210 - 214	04	Good

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

2. Zone Sl. No. 4 10 are highly intermixed with Kaknar.

Verified as per
logs provided,
↓
G. Sh
30/06/23

For Geo Instruments & Technic's


(S. Shukla)

GP - Shresh Phandda

Block - Noutanwa (Maharajganj)

D.P.M - 1150

Darling - 255X241

600X500, 300X200

Date - 01/07/2023

Logging Report Date - 27-06-2023

- ① 16 - 19 = 03
- ② 36 - 40 = 04
- ③ 57 - 64 = 07 = ⑥
- ④ 81 - 85 = 04
- ⑤ 102 - 108 = 06 = ⑥
- ⑥ 143 - 147 = 04 = ③
- ⑦ 159 - 165 = 06 = ⑥
- ⑧ 178 - 185 = 07 = ⑥
- ⑨ 188 - 191 = 03 = ③
- ⑩ 210 - 214 = 04 = ③

Cutting 200mm plain pipe

- ① $6.01 = 5.00 - 1.01$
- ② $6.01 = 5.00 - 1.01$
- ③ $6.01 = 2.99 - 3.52 - 2.49 - 1.03$
- ④ $6.02 = 3.5 - 2.52 - 2.48 - 0.04$
- ⑤ $6.00 = 4.00 - 2.00$
- ⑥ $6.01 = 5.42 - 0.58$
- ⑦ $6.01 = 3.65 - 2.36$
- ⑧ $6.01 = 2.42 - 3.59$

total Logging - 220

42	6.02	
41	6.02	
40	6.01	
39	6.01	36.10
38	6.02	
37	6.02	35.6
	0.2	35.8
36	6.01	
35	6.02	
34	6.02	
33	3.65	57.5
32		6.00 63.5
31	6.01	
30	6.02	
29	6.02	= 38.5
28	6.01	
27	6.02	
26	6.00	
25	2.42	102.00
24		6.00 108.00
23	6.01	
22	6.02	
21	6.01	= 35.5
20	6.02	
19	6.02	
18	5.42	143.5
17		3.00 146.5
16	6.02	
15	4.00	
A	2.48	159.00
13		6.00 165.00
12	6.01	
11	5.00	
10	2.49	178.5
9		6.00 184.5
8	3.5	188.00
7		3.00 191.00
6	6.01	
5	6.00	
4	5.00	
3	2.49	210.5
2		3.00 213.5
1	6.01	219.5
		0.5
		<u>220</u>

Singam
+ 0.5
220