



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 P:IM:23-24:LS:K- 495
Dated: 06-12-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Champapur
Block: Barhni
District: Siddharth Nagar
State: Uttar Pradesh
Drilling Depth: 205.0 m bgl
Logging Depth: 197.0 m bgl
Date of logging: 06-12-2023
Rm -15.0 Ω m Rw - 17.0 Ω m

Latitude: 27.426016 Longitude: 82.898046

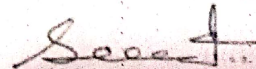
Borehole Drilled by: M/s SCL Infratech Ltd. Siddharth Nagar, U. P.

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.	20 - 27	07	Good
2.	38 - 42	04	Good
3.	52 - 59	07	Good
4.	66 - 70	04	Good
5.	74 - 78	04	Good
6.	82 - 86	04	Good
7.	92 - 96	04	Good
8.	100 - 107	07	Good
9.	114 - 118	04	Good
10.	122 - 126	04	Good
11.	128 - 132	04	Good
12.	156 - 163	07	Good
13.	166 - 176	10	Good
14.	181 - 188	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 8 is highly intermixed with fine bands of kankar.

For Geo Instruments & Technician's


(S. Shukla)

Hole - 5100 North Noyor
 Tubewell size - (300/150)mm
 (193/205)mm
 LPM = 1000

Started = 36m
 As per logging Report
 (06/12/2023)

- 1. 30 - 37 = 7
- 2. 39 - 62 = 23
- 3. 52 - 59 = 7
- 4. 66 - 70 = 4
- 5. 77 - 78 = 1
- 6. 82 - 86 = 4 - 2 ✓
- 7. 92 - 96 = 4 - 2 ✓
- 8. 100 - 107 = 7 ✓
- 9. 114 - 118 = 4 - 2 ✓
- 10. 122 - 126 = 4 - 2 ✓
- 11. 128 - 132 = 4 - 2 ✓
- 12. 156 - 167 = 11 ✓
- 13. 166 - 176 = 10 - 9 ✓
- 14. 181 - 188 = 7

Plastic pipe casing ϕ 150mm
 ① 6.01 = 4.0 + 2.01
 ② 6.01 = 4.0 + 2.01
 ③ 5.99 = 3.0 + 2.99
 ④ 5.98 = 5 + 0.98
 ⑤ 6.02 = 5 + 1.02
 ⑥ 6.01 = 5.01 + 1.0
 ⑦ 5.99 = 3 + 2.99

⑧ 6.01 = 4.0 + 2.01
 ⑨ 6.00 = 4.0 + 2.00
 ⑩ 6.00 = 4.0 + 2.00

1	6.01	
2	5.99	41.00
3	5.99	
4	6.01	
5	6.01	1.4
6	6.00	
7	6.00	71.6
8	6.01	
9	6.02	10.03
10	6.00	
11	6.00	
12	6.01	92.500
13	6.01	3
14	6.01	95.200
15	6.01	
16	6.01	97.500
17	6.01	
18	6.01	99.500
19	6.01	100.500
20	6.01	106.500
21	6.01	108.000
22	6.01	114.000
23	6.01	114.000
24	6.01	114.000
25	6.01	114.000
26	6.01	114.000
27	6.01	114.000
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93	6.01	114.000
94	6.01	114.000
95	6.01	114.000
96	6.01	114.000
97	6.01	114.000
98	6.01	114.000
99	6.01	114.000
100	6.01	114.000

179.97m