

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: 622
Dated. 08-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Birpur
Block: Bhanwapur
District: Siddharth Nagar
State: Uttar Pradesh
Drilling Depth: 170.0 m bgl
Logging Depth: 157.0 m bgl
Date of logging: 07-06-2023
Rm - 8.0 Ω m R_w - 10.0 Ω m

Borehole Drilled by: M/s SCL infratech Ltd, (VSA-SCL), Siddharth Nagar, 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.	20 - 24	04	Good
2.	35 - 39	04	Good
3.	49 - 59	10	Good
4.	80 - 84	04	Good
5.	92 - 98	06	Good
6.	116 - 126	10	Good
7.	135 - 144	09	Good
8.	150 - 154	04	Good

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

2: Zones Sl. No. 6 & 7 are highly intermixed with very fine bands of kankar.

Verified as per logs provided

Note: Sr No 5-93-97 (LPM)

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G. Ch
08/06/23

G.P.S. VORPUR BHITAMALI

Block - Bhaswarpur
 Dole - Sialkhande Nagar

Tubwell dia =
 Logging Depth = 150.00m
 Drilling Depth = 170.00m

LPM = 900
 Slotted 30m

As per Logging Report
 (7)

- ① 20-24 = 4
- ② 25-29 = 4
- ③ 41-57 = 10
- ④ 80-84 = 4 = 3L
- ⑤ 93-97 = 4 = 2L
- ⑥ 116-126 = 10 = 9L
- ⑦ 135-144 = 9 = 9L
- ⑧ 150-157 = 3L

Slotted Pipe Length @ 150mm
 ① 6.00 = 3.00 + 2.00
 ② 6.00 = 3.00 + 3.00

Plane Pipe Length @ 150mm
 ③ 6.02 = 2.00 + 2.70 + 1.32
 ④ 6.01 = 4.00 + 2.01
 ⑤ 6.01 = 3.42 + 2.59
 ⑥ 6.02 = 4.70 + 1.32

Sl. No.	Pipe Dia	Length	Remarks
22	6.00		
23	6.00		
24	6.00		
25	6.00		
26	6.00		
27	6.00		
28	6.00		
29	6.00		
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31	6.00		
32	6.02		
33	4.00	51.72	
34	6.00		
35	6.03	57.72	
36	6.02		
37	6.02		
38	4.70	20.48	
39	2.00		
40	2.00		
41	6.01	10.01	
42	4.00		
43	2.00		
44	6.02		
45	6.02	20.66	
46	6.01		
47	2.00		
48	2.00		
49	6.00		
50	6.01	9.94	
51	3.42		
52	3.00		
53	3.00		
54	6.00		
55	6.02		
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