

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref GIT:UP: PJM:22-23:LS:1K- **652**

Dated: 28-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jamuni
Block: Domariyaganj
District: Siddharth Nagar
State: Uttar Pradesh
Drilling Depth: 170.0 m bgl
Logging Depth: 160.0 m bgl
Date of logging: 27-02-2023
Rm - 17.0 Ω m Rw - 19.0 Ω m

Borehole Drilled by: M/s VSAIPPL- SCL (JV), 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.	26 - 36	10	Good
2.	42 - 52	10	Good
3.	59 - 63	04	Good
4.	81 - 91	10	Good
5.	116 - 126	10	Good
6.	131 - 135	04	Good
7.	156 - 160	04	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 2 & 7 are highly intermixed with fine bands of kankar.
3. Zone Sl. No. 6 & 7 are Medium Sand in nature.

*Verified as per logs provided.
Note - S. No. 7 - fine in nature*

*GSh
01/03/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

Journal of the ...

1000 ...
Pipe ...

QOL = 2-3-23

...

- 1. 26 - 36 - 10.0
- 2. 42 - 52 - 10.0
- 3. 59 - 62 - 04.0
- 4. 8. - 91 - 10.0 - 9
- 5. 116 - 126 - 10.0 - 6
- 6. 131 - 135 - 04.0 - 3
- 7. 156 - 160 - 4.0

Cutting

150mm Stalled Pipe

① 6.02 = 3.00 + 3.02

150mm Plain Pipe

① 5.99 = 3.71 + 2.28

② 6.01 = 2.79 + 3.22

6.01	42.19
6.02	
5.99	
6.04	
6.50	
6.00	41.59
6.53	
6.01	
6.00	
6.00	
6.00	19.71
5.99	
6.00	
3.71	81.50
6.01	
5.98	
6.00	
6.01	29.70
5.99	116.73
5.99	
2.79	122.72
3.00	131.50
6.00	134.52
6.01	140.52
0.50	
6.01	141.02