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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: 223
Dated: 20-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Gori Pathak**
Block: **Domariyaganj**
District: **Siddharth Nagar**
State: **Uttar Pradesh**
Drilling Depth: **170.0 m bgl**
Logging Depth: **165.0 m bgl**
Date of logging: **18-04-2023**
Rm – **13.0 Ωm** Rw – **14.0 Ωm**

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.	25 – 34	09	Good
2.	56 – 65	09	Good
3.	72 – 76	04	Good
4.	91 – 95	04	Good
5	103 – 107	04	Good
6.	116 – 123	07	Good
7.	135 – 142	07	Good
8.	147 – 151	04	Good

Note: **1. Fine bands of kankar are intermixed with almost all the zones.**
2. Zone Sl. No. 5 is highly kankar intermixed.

Verified as per logs provided. Note: Sr. No 3- 72-76 (3m)

G.Sh 21/04/23

For Geo Instruments & Technic's

(S. Shukla)

VSA Ph-3
- Gori Pathak
- Domaniyagaon
- Siddharth Nagar
- 24mm slot
- 300x150mm

Logging Report

25-34 = 9
56-65 = 9 = 9M
72-76 = 4
91-95 = 4 = 3M
103-107 = 4
116-123 = 7 = 6M
135-142 = 7 = 6M
147-151 = 4

150mm plain pipe cutting

6.00 = 4.00 + 2.00
6.00 = 4.40 + 1.20
6.00 = 2.24 + 2.56 + ~~0.20~~ X

150mm slot pipe cutting

6.00 = 3.00 + 3.00