



GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS: 1K12

Dated: 25-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Patnai Buzurg
Block: Dohrighat
District: Mau
State: Uttar Pradesh
Date of Logging: 22-12-2022
Drilling Depth: 275.0 m bgl
Logging Depth: 272.0 m bgl
Rm - 12.0 Ω m Rw - 15.0 Ω m

Borehole Drilled by: M/s L.C. Infra Projects Pvt. Ltd., Mau, 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.	30 - 37	07	Good
2.	49 - 56	07	Good
3.	71 - 75	04	Good
4.	82 - 97	15	Good
5.	112 - 125	13	Good
6.	158 - 162	04	Good
7.	223 - 230	07	Good
8.	256 - 260	04	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zone Sl. No. 6 is Fine Sand in nature.

3. Zone Sl. No. 8 is highly intermixed with Kankar.

Verified as per logs provided.
Note - So No 5 is also fine sand in nature
G.Ch
27/12/22

For Geo Instruments & Technic's

(S. Shukla)