

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:23-24:LS:K- 256

Dated: 23-09-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ram Nagar
Block: Pharenda
District: Maharajganj
State: Uttar Pradesh
Date of Logging: 22-09-2023
Drilling Depth: 220.0 m bgl
Logging Depth: 201.0 m bgl
Rm – 25.0 Ω m Rw – 22.0 Ω m


Borehole Drilled by: M/s Ritwik-Koya(JV), Maharajganj, 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.	16 – 19	03	Good
2.	27 – 34	07	Good
3.	45 – 49	04	Good
4.	53 – 60	07	Good
5.	101 – 111	10	Good
6.	117 – 121	04	Good
7.	126 – 140	14	Good
8.	150 – 154	04	Good
9.	157 – 161	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 7 is highly intermixed with very fine bands of kankar.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)