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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS:K- 107

Dated: 12-08-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Karmahawa Khurd
Block: Laxmipur
District: Maharajganj
State: Uttar Pradesh
Date of Logging: 11-08-2023
Drilling Depth: 200.0m bgl
Logging Depth: 176.0 m bgl
Rm – 21.0 Ω m Rw – 22.0 Ω m

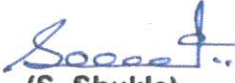
Borehole Drilled by: M/s RitwikKoya (JV), Maharajganj, Uttar Pradesh.

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.	30 – 40	10	Good
2.	48 – 55	07	Good
3.	103 – 107	04	Good
4.	110 – 114	04	Good
5.	116 – 120	04	Good
6.	164 – 174	10	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 6 is highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's


(S. Shukla)