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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: 305

Dated: 29-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Gaura Nipania
Block: Nichlaul
District: Maharajganj
State: Uttar Pradesh
Drilling Depth: 165.0 m bgl
Logging Depth: 141.0 m bgl
Date of logging: 28-04-2023
Rm - 21.0 Ω m Rw - 23.0 Ω m

Borehole Drilled by: M/s Rithwik- Koya-JV, Maharajganj, U.P. India.

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.	27 - 31	04	Good
2.	35 - 48	13	Good
3.	52 - 59	07	Good
4.	65 - 75	10	Good
5.	101 - 105	04	Good
6.	132 - 139	07	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 5 is highly intermixed with fine bands of kankar.
3. Zone Sl. No. 6 is highly intermixed with very fine bands of kankar.

Verified as per
logs provided

For Geo Instruments & Technic's

(S. Shukla)

g.ell
29/04/23