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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:22-23:LS:1K- **645**
 Dated: 28-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jahada
 Block: Nichlaul
 District: Maharajganj
 State: Uttar Pradesh
 Drilling Depth: 167.0 m bgl
 Logging Depth: 167.0 m bgl
 Date of logging: 26-02-2023
 Rm - 36.0 Ω m Rw - 43.0 Ω m

Borehole Drilled by: M/s Rithwik- Koya-JV, Maharajganj, 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.	19 - 23	04	Good
2.	35 - 42	07	Good
3.	54 - 58	04	Good
4.	61 - 65	04	Good
5.	68 - 78	10	Good
6.	100 - 103	03	Good
7.	125 - 129	04	Good
8.	146 - 153	07	Good

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

Verified as per logs provided
Note. Sr No 7-128-129 (3m)
G.Sh
01/03/23

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)