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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:22-23:LS: 762
 Dated: 24-11-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Barohiya
 Block: Nichlaul
 District: Maharajganj
 State: Uttar Pradesh
 Drilling Depth: 135.0 m bgl
 Logging Depth: 130.0m bgl
 Date of logging: 23-11-2022
 Rm - 22.0 Ωm Rw - 24.0 Ωm

Borehole Drilled by: M/s JMC India Limited, 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.	18 - 22	04	Good
2.	30 - 43	13	Good
3.	48 - 55	07	Good
4.	60 - 64	04	Good
5.	68 - 75	07	Good
6.	104 - 108	04	Good
7.	127 - 130	03	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
 2. Zones Sl. No. 2 & 3 are highly intermixed with thin bands of kankar.

*Verified as per logs provided.
 Note: Sr No 4 have fewer sediments.*

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)

*G.Sh
 24/11/22*