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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-654

Dated: 07-03-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Dubauli
Block: Sadar
District: Mahrajganj
State: Uttar Pradesh
Date of Logging: 06-03-2024
Drilling Depth: 220.0 m bgl
Logging Depth: 195.0 m bgl
Rm - 22.0 Ω m Rw - 25.0 Ω m

Latitude: 29.1032330 Longitude: 83.4814510

Borehole Drilled by: M/s Ritwik Koya- JV, Private Limited,
Mahrajganj, 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 - 20	04	Good
2.	24 - 31	07	Good
3.	34 - 38	04	Good
4.	44 - 51	07	Good
5.	64 - 70	06	Good
6.	84 - 87	03	Good
7.	96 - 102	06	Good
8.	106 - 113	07	Good
9.	118 - 122	04	Good
10.	130 - 134	04	Good
11.	149 - 153	04	Good
12.	161 - 168	07	Good
13.	189 - 193	04	Good

Note: 1. Zone Sl. No. 2 & 3 are intermixed with fine bands kankar.
2. Zone Sl. No. 13 is fine sand in nature & highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's


(S. Shukla)