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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS:K- 455

Dated: 24-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mustfabad Kala
Block: Dostpur
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 23-11-2023
Drilling Depth: 165.0 m bgl
Logging Depth: 154.0 m bgl
Rm - 10.5 Ω m Rw - 12.0 Ω m

Latitude: 26.284797 Longitude: 82.413455

Borehole Drilled by: M/s VTL GAJA Engineering Ltd. Sultanpur, 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.	17 - 21	04	Good
2.	28 - 35	07	Good
3.	40 - 44	04	Good
4.	48 - 54	06	Good
5.	88 - 102	14	Good
6.	109 - 116	07	Good
7.	120 - 123	03	Good
8.	126 - 136	10	Good

Note: 1. Zone Sl. No. 7 is fine sand in Nature.

2. Zones Sl. No. 8 is highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

(S. Shukla)

Kaizen-Tech Consultancy Services LLP

Director

7/Nov/2023