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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:23-24:LS: K-23

Dated: 17-07-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ranipur Kyasth
Block: Kadipur
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 17-07-2023
Drilling Depth: 400.0m bgl
Logging Depth: 397.0 m bgl
Rm - 11.0 Ω m Rw - 13.0 Ω m

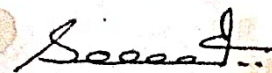
Borehole Drilled by: M/s VTL GAJA Engineering Ltd., Sultanpur, U.P.

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.	16 - 20	04	Good
2.	28 - 32	04	Good
3.	35 - 44	09	Good
4.	50 - 54	04	Moderate
5.	58 - 61	03	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating marginal to saline below 76.0 m bgl to till depth logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)