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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:23-24:LS: 318
Dated: 04-07-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pure Gajal
Block: Rampur Sangramgarh
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 294.0 m bgl
Date of logging: 02-07-2023
Rm – 11.5 Ω m Rw – 12.0 Ω m

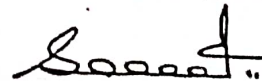
Borewell Drilled By: M/s Power Mech. Project Ltd., Pratapgarh, U.P.

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 (meters)	Remarks (Quality of aquifer water)
1.	16 – 25	09	Good
2.	29 – 42	13	Good
3.	202 – 208	06	Moderate
4.	211 – 215	04	Moderate
5.	220 – 224	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating marginal to saline in between 50.0 to 190.0 & below 230.0 m bgl to till depth logged.
3. Predominated clay is present in depth range 190.0 to 198.0 m bgl.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)