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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:22-23:LS: 296
Dated: 25-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rajapur
Block: Babaganj
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 24-02-2023
Logging Depth: ~~272~~ 272 MBGL
Rm -10.0 Ω m Rw -11.0 Ω m

Borehole 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 (meter)	Remark (Quality of Aquifer Water)
1.	18 - 21	03	Good
2.	152 - 156	04	Moderate
3.	166 - 169	03	Moderate
4.	174 - 181	07	Good
5.	186 - 190	04	Good
6.	194 - 204	10	Good
7.	212 - 216	04	Moderate
8.	218 - 222	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 6 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating Marginal to Saline between 22.0 m bgl to 125.0 m bgl.
4. Predominated Clay is present in depth range 125.0 to 134.0 bgl.

For Geo Instruments & Technic's

(S. Shukla)

Verified as per
logs provided.

Gsh
25/02/23