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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: 861
Dated: 08.02.24

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ramdas Patti ← 2
Block: Bihar
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 07-02-2024
Logging Depth: 241.0 m bgl
Rm – 11.0 Ωm R_w – 13.0 Ωm

Latitude: 25.691790 Longitude: 81.634578

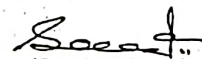
Borehole Drilled by: M/s Power Mech Project Ltd. Pratapgarh, Uttar Pradesh India.

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 – 23	07	Good
2.	118 – 122	04	Good
3.	126 – 132	06	Good
4.	135 – 142	07	Good
5.	150 – 157	07	Good
6.	160 – 170	10	Good
7.	173 – 186	13	Good
8.	193 – 200	07	Good

- 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 in between 36.0 to 70.0 and below 212.0 m bgl to till depth logged.
4. Predominated clay is present in depth range 70.0 to 86.0 and 110.0 to 114.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)