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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:23-24:LS: 239
Dated: 13-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bibipur Bardih
Block: Patti
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 268.0 m bgl
Date of logging: 11-06-2023
Rm -14.0 Qm Rw -13.0 Qm

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.	18 - 22	04	Good
2.	30 - 34	04	Good
3.	40 - 53	13	Good
4.	56 - 62	06	Good
5.	78 - 82	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 2 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline below 94.0 m bgl to till depth logged.
4. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

GSh
13/06/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)