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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: PJM:22-23:LS: 259
Dated: 12-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Umardiha
Block: Ashapur & Dewsara
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 11-02-2023
Logging Depth: 141.0m bgl
Rm -16.0 Ω m / Rw -20.0 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	12 - 16	04	Good
2	20 - 26	06	Good
3	34 - 40	06	Good
4	46 - 52	06	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 3 is highly intermixed with fine bands of kankar.
3. Zone Sl. No. 4 is highly intermixed with Kankar.
4. Quality of Ground water is deteriorating Marginal to Saline below 88.0 m bgl to till depth logged.
5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.
GSh
13/02/23

For Geo Instruments & Technic's

Sreed
(S. Shukla)