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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/23-24/LS/11

Date: 04-04-2023

GEO PHYSICAL BOREHOLE LOGGING REPORT

Site: Batauli ✓
Block: Rampur Sangramgarh
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 04-04-2023
Drilling Depth 275.0 m bgl
Rm - 22.0 Ωm Rv - 19.0 Ωm

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.	23 - 36	13	Good
2.	40 - 44	04	Good
3.	50 - 54	04	Moderate
4.	145 - 155	10	Good
5.	165 - 169	04	Good
6.	184 - 188	04	Good
7.	195 - 205	10	Good
8.	216 - 226	10	Good

- Note: 1. Fine band of kankar are intermixed with almost all zones.
2. Zones Sl. No. 4 & 8 are highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating Marginal to Saline in between 64.0 to 139.0 & below 240.0 m bgl to till depth logged.
4. Predominated Clay is present in depth range 139.0 to 145.0 m bgl.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

Verified as per logs provided.
G. Sh
04/04/23