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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: 560

Dated: 13-09-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kajipur Kusemer
Block: Babaganj
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 12-09-2023
Logging Depth: 285.0 mbgl
Rm - 14.0 Ω m Rw - 16.0 Ω m

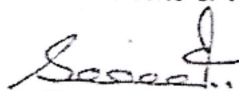
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh,
Uttar Pradesh, India.

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.	26 - 29	03	Moderate
2.	33 - 37	04	Moderate
3.	128 - 134	06	Moderate
4.	136 - 142	06	Moderate
5.	156 - 160	04	Good to Moderate
6.	164 - 170	06	Good to Moderate
7.	174 - 178	04	Good
8.	180 - 186	06	Good
9.	188 - 194	06	Good to Moderate
10.	197 - 200	03	Moderate
11.	204 - 208	04	Moderate to Marginal

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating marginal to saline in between 42.0 to 110.0 & below 212.0 m bgl to till depth logged.
3. Predominated clay is present in depth range 110.0 to 126.0 m bgl.
4. Predominated clay and Kankar intercalation is present in depth range 145.0 to 155.0 m bgl.

For Geo Instruments & Technic's


(S. Shukla)