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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: 249
Dated: 16-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Akaripur WSS
Block: Mandhata
District: Pratappgarh
State: Uttar Pradesh
Logging depth: 291.0 m bgl
Date of logging: 14-06-2023
Rm -10.0 Om Rw -11.0 Om

Borewell Drilled By: M/s Kalpataru Project Internation Limited,
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.	24 - 28	04	Good
2.	45 - 52	07	Good
3.	79 - 86	07	Good
4.	94 - 100	06	Good
5.	180 - 184	04	Moderate
6.	200 - 203	03	Moderate

- Note: 1. Quality of ground water is deteriorating marginal to saline in between 125.0 to 155.0 & below 205.0 m bgl to till depth logged.
2. Predominated clay is present in depth range 155.0 to 165.0 m bgl.
3. Clay and Kankar intercalation is present in depth range 167.0 to 174.0 m bgl.

Verified as per logs provided

C. Ch
17/06/23

For Geo Instruments & Technic's

(S. Shukla)

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