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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: 77

Dated: 25-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Lakuri
Block: Rampur Sangramgarh
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 298.0 m bgl
Date of logging: 24-04-2023
Rm -14.0 Qm Rw -16.0 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.	29 - 36	07	Good
2.	40 - 49	09	Good
3.	220 - 226	06	Good

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 62.0 to 210.0 & below 240.0 m bgl to till depth logged.

3. Predominated Clay is present in depth range 210.0 to 217.0 m bgl.

Verified as per
logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G.Sh
26/04/23