

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: 91
Dated: 28-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ragauli
Block: Laiganj
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 300.0 m bgl
Date of logging: 26-04-2023
Rm - 15.0 cm Rw - 27.0 cm

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.	21 - 24	03	Good
2.	26 - 32	06	Good
3.	36 - 43	07	Good
4.	56 - 60	04	Good
5.	88 - 101	13	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 3 & 5 are highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline below 110.0 m bgl to till depth logged.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
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29/04/23