

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: 136
Dated: 13-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Newada Kalan
Block: Rampur Sangramgarh
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 288.0 m bgl
Date of logging: 12-05-2023
Rm - 25.0 Ω m Rw - 40.0 Ω m

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.	22 - 28	06	Good
2.	40 - 46	06	Good
3.	98 - 102	04	Good
4.	144 - 148	04	Good
5.	176 - 180	04	Good
6.	186 - 190	04	Good
7.	195 - 198	03	Good
8.	202 - 206	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 1, 4 & 6 are highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline below 210.0 m bgl to till depth logged.
5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per
logs provided
For Geo Instruments & Technic's
S. Shukla
(S. Shukla)

G.Sh
15/05/23