

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: 103
 Dated: 07-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kadaraun
 Block: Kalakankar
 District: Pratapgarh
 State: Uttar Pradesh
 Logging depth: 226.0 m bgl
 Date of logging: 03-05-2023
 Rm - 20.0 Ω m Rw - 17.5 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.	26 - 30	04	Good
2.	86 - 93	07	Good
3.	97 - 101	04	Good
4.	106 - 113	07	Good
5.	192 - 195	03	Good
6.	205 - 208	03	Moderate
7.	221 - 225	04	Moderate

- 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 125.0 to 182.0 m bgl. (125-163)
 3. Clay and Kankar intercalation is present in depth range 182.0 to 188.0 m bgl. (163-169)
 4. Please ensure pre-monsoon water level before lower the well assembly.

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

G. Gh
 00/05/23