

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: 599

Dated: 02-10-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sahabpur Tajuddinpur
 Block: Kunda
 District: Pratapgarh
 State: Uttar Pradesh
 Date of Logging: 02-10-2023
 Logging Depth: 232.0 m bgl
 Rm – 12.0 Ω m Rw – 14.0 Ω m

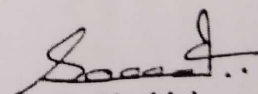
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh, Uttar Pradesh, India.

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 (meter)	Remark (Quality of Aquifer Water)
1.	27 – 31	04	Good
2.	38 – 45	07	Good
3.	89 – 96	07	Good
4.	118 – 122	04	Good
5.	126 – 130	04	Good
6.	146 – 159	13	Good
7.	169 – 176	07	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
 2. Zone Sl. No. 6 is highly intermixed with fine bands of kankar.
 3. Quality of ground water is deteriorating marginal to saline below 190.0 m bgl to till depth logged.

For Geo Instruments & Technic's


 (S. Shukla)