

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:23-24:LS: 723

Dated: 27-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Maldhar Chatta**
Block: **Babaganj**
District: **Pratapgarh**
State: **Uttar Pradesh**
Date of Logging: **27-11-2023**
Logging Depth: **270.0 m bgl**
Rm - **12.0 Ωm** Rw - **14.0 Ωm**

Latitude: **25.844772** Longitude: **81.602953**

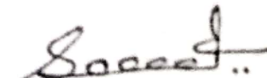
Borehole Drilled by: **M/s Power Mech Project Limited, Pratapgarh, Uttar Pradesh, India.**

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.	16 - 20	04	Good
2.	23 - 30	07	Good
3.	178 - 182	04	Moderate
4.	192 - 196	04	Good to Moderate
5.	198 - 202	04	Good to Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating marginal to saline below 220.0 m bgl to till depth logged.
3. Predominated clay is present in depth range 159.0 - 168.0 m bgl.
4. Predominated clay and kankar intercalation is present in depth range 172.0 - 177.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)