

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: 663

Dated: 22-10-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ramapur
Block: Gaura
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 21-10-2023
Logging Depth: 301.0 m bgl

Latitude: 25.748219 Longitude: 82.086555

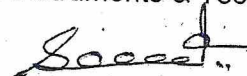
Borehole Drilled by: M/s Kalpataru Power Transmission Limited,
Pratapgarh, Uttar Pradesh, India.

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.	18 - 22	04	Good
2.	27 - 41	14	Good
3.	45 - 48	03	Good
4.	78 - 85	07	Moderate to Marginal
5.	152 - 156	04	Moderate
6.	159 - 166	07	Good to Moderate
7.	180 - 190	10	Good to Moderate
8.	202 - 208	06	Good to Moderate
9.	211 - 218	07	Good to Moderate
10.	234 - 238	04	Moderate
11.	254 - 260	06	Moderate to Marginal

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 7 & 11 are highly intermixed with kankar.
3. Quality of ground water is deteriorating marginal to saline below 286.0 m bgl to till depth logged.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)