

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: 687

Dated: 04-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Thariya
Block: Gaura
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 03-11-2023
Logging Depth: 260.0 m bgl
Rm – 14.0 Ω m Rw – 20.0 Ω m

Latitude: 25.755283 Longitude: 82.777013


Borehole Drilled by: M/s KPIL- Kalpataru Power International LTD,
Pratapgarh, Uttar Pradesh.

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 – 25	07	Good
2.	30 – 34	04	Good
3.	37 – 40	03	Good
4.	44 – 51	07	Good
5.	213 – 220	07	Moderate to Marginal
6.	241 – 245	04	Moderate to Marginal
7.	248 – 252	04	Moderate to Marginal

- 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 60.0 to 206.0 m bgl.
3. Predominated Clay is present in depth range 206.0 to 212.0 m bgl.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)