

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: PJM:24-25:LS: 72

Dated: 25-05-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Arro
Block: Rampur Sangramgarh
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 24-05-2024
Logging Depth: 323.0 m bgl
Rm – 16.0 Ω m Rw 12.0 Ω m

Latitude: 25.920853 Longitude: 81.495715

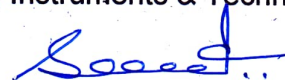
Borehole Drilled by: M/s Kalpataru Power International Limited,
Pratapgarh, Uttar Pradesh.

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.	22 – 32	10	Good
2.	40 – 47	07	Good
3.	50 – 54	04	Good
4.	208 – 214	06	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No.1 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline in between 62.0 to 201 & below 217.0 m bgl to till depth logged.
4. Predominated clay is present in depth range 201.0 to 207.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)