

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: 483-A

Dated: 23-07-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Purelal
Block: Mandhata
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 23-07-2023
Logging Depth: 288.0m bgl
Rm -11.0 Ω m Rw -13.0 Ω m

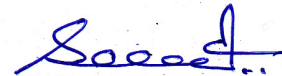
Borehole Drilled by: M/s Kalptaru Power Transmission Limited,
Pratapgarh, Uttar Pradesh.

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.	24 - 27	03	Good
2.	89 - 93	04	Good
3.	96 - 102	06	Good
4.	112 - 119	07	Good
5.	127 - 134	07	Good
6.	135 - 142	07	Good
7.	161 - 165	04	Moderate to Marginal

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No.3 & 6 are highly intermixed with fine bands of Kankar.
3. Quality of Ground water is deteriorating marginal to saline below 178.0 m bgl to till depth logged.

For Geo Instruments & Technic's


(S. Shukla)