

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:24-25:LS: 801

Dated: 01-01-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kandai (Rampur Samaspur)**
Block: **Kalakankar**
District: **Pratapgarh**
State: **Uttar Pradesh**
Date of Logging: **31-12-2023**
Logging Depth: **230.0 m bgl**
Rm – **13.0 Ωm** Rw – **15.0 Ωm**

Latitude: **28.8268800** Longitude: **81.421958**

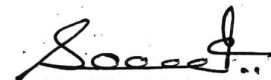
Borewell Drilled By: **M/s Kalpataru Projects International Limited,**
Pratapgarh, Uttar Pradesh.

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 (meters)	Remarks (Quality of aquifer water)
1.	18 – 22	04	Good
2.	26 – 33	07	Good
3.	83 – 90	07	Moderate to Marginal
4.	100 – 104	04	Moderate
5.	138 – 142	04	Moderate
6.	160 – 166	06	Moderate
7.	182 – 188	06	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 192.0 m bgl to till depth logged.
3. Zone Sl. No. 5 is highly intermixed with fine bands of kankar.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)