

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:23-24:LS: 618

Dated: 01-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bhairo Bhanpur Surhampur & Chaur
Block: Kerakat
District: Jaunpur
State: Uttar Pradesh
Date of Logging: 01-06-2023
Logging Depth: 272.0 m bgl
Rm - 10.0 Ω m Rw - 8.2 Ω m

Borehole Drilled by: Afcons Infrastructure Ltd. Jaunpur, U. P.

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.	26 25 - 29	04 03	Good
2.	40 - 47	07	Good
3.	215 - 222	07	Moderate
4.	241 - 245	04	Moderate
5.	255 - 259	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 5 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline in between 50 to 206.0 m bgl to till depth logged.
4. Clay and Kankar intercalation is present in depth range 206.0 to 212.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

(S. Shukla)

Note -
- Prominent clay layer lies in 6" 231-235
Verified as per logs provided.

GSh
01/06/23