

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:K- 192

Dated: 05-09-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Akhal Kiri
Block: Kurebar
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 05-09-2023
Drilling Depth: 310.0 m bgl
Logging Depth: 290.0 m bgl
Rm – 11.0 Ω m Rw – 14.0 Ω m

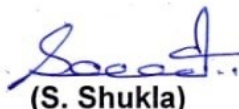
Borehole Drilled by: M/s VTL GAJA Engineering Limited, Uttar Pradesh.

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.	20 – 24	04	Good
2.	37 – 41	04	Good
3.	44 – 48	04	Good
4.	85 – 89	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 2 is highly intermixed with fine bands of kankar.
3. Zones Sl. No. 3 is fine sand & highly intermixed with fine bands of kankar.
4. Zones Sl. No. 4 is find sand in nature.
5. Quality of ground water is deteriorating marginal to saline below 100.0 m bgl to till depth logged.
6. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's



(S. Shukla)