

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref. GIT-UP: PJM 22-23-LS-1K-820

Dated: 29-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Tikar  
Block: Akhand Nagar  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 28-03-2023  
Drilling Depth: 275.0 m bgl  
Logging Depth: 204.0 m bgl  
Rm - 9.8 Qm      Rw - 10.0 Qm

Borehole Drilled by: M/s VTL GAJA Engineering Ltd., Sultanpur, 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	24 - 33	09	Good
2	36 - 46	10	Good
3	52 - 59	07	Good
4	69 - 79	10	Good
5	92 - 96	04	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 100.0 m bgl to till depth logged.

Verified as per logs provided.

For Geo Instruments & Technic's

Note: S.NOS - Highly kankar intermixed.

(S. Shukla)

G.Sh  
29/03/23