

# CEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Price Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS:1K- 172  
Dated: 11-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Nagari  
Block: Akhand Nagar  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 11-01-2023  
Drilling Depth: 280.0 m bgl  
Logging Depth: 267.0 m bgl  
Rm - 12.0 cm Rw - 20.0 cm

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 8' 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.	36 - 46	10	Good
2.	77 - 84	07	Good
3.	93 - 100	07	Good
4.	171 - 175	04	Moderate
5.	194 - 207	13	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Quality of Ground water is deteriorating Marginal to Saline in between 123.0 to 156.0 m bgl and below 226.0 m bgl to till depth Logged.  
3. Predominated Clay is present in depth range 178.0 to 182.0 m bgl.  
4. Clay and Kankar intercalation is present in depth range 184.0 to 190.0 m bgl.

*Verified as per logs provided.*

*G.Sh  
12/01/23*

For Geo Instruments & Technic's

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