

# INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

of: GIT: UP: PJM: 22-23: LS: 1K 435  
dated: 07-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kunda Bharopur  
Block: Akhand Nagar  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 06-02-2023  
Drilling Depth: 275.0 m bgl  
Logging Depth: 242.0 m bgl  
Rm - 22.0Qm Rw - 16.0Qm

Borehole Drilled by: M/s VTL GAJA Engineering Ltd., Sultanpur, 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.	36 - 40	04	Good
2.	42 - 46	04	Good
3.	58 - 62	04	Good
4.	74 - 87	13	Good
5.	100 - 104	04	Good
6.	110 - 119	09	Good
7.	124 - 131	07	Good
8.	136 - 140	04	Moderate
9.	194 - 201	07	Good to Moderate

Note: 1. Fine bands of kankar are intermixed with almost all the Zones.

2. Clay is present in depth range 188.0 to 192.0 m bgl.

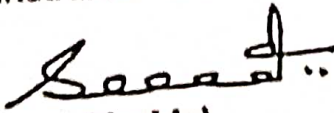
3. Quality of Ground water is deteriorating Marginal to Saline in between 146 to 188 & below 210 m bgl to till depth logged.

4. Predominated Clay is present in depth range 188.0 to 192.0 m bgl.

Verified as per logs provided.

G.S.

For Geo Instruments & Technic's

  
(S. Shukla)