

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 25

Dated: 03-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Umari
 Block: Akhand Nagar
 District: Sultanpur
 State: Uttar Pradesh
 Date of Logging: 01-04-2023
 Drilling Depth: 275.0 m bgl
 Logging Depth: 270.0 m bgl
 Rm - 11.0 Ω m R_w - 13.0 Ω m

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:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	23 - 27	04	Good
2.	30 - 44	14	Good
3.	57 - 64	07	Good
4.	68 - 72	04	Good
5.	75 - 78	03	Good to 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 88.0 m bgl to till depth logged.
 3. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided

*G. Sr
05/04/23*

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)