

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- 201

Dated: 07-09-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sonawa**
Block: **Partappur Kamaicha**
District: **Sultanpur**
State: **Uttar Pradesh**
Date of Logging: **07-09-2023**
Drilling Depth: **400.0 m bgl**
Logging Depth: **394.0 m bgl**
Rm – **6.4 Ωm** Rw – **7.8 Ωm**

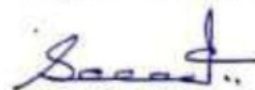
Borehole Drilled by: **M/s VTL GAJA Engineering Limited, Sultanpur, Uttar Pradesh, India.**

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.	22 – 29	07	Good
2.	33 – 37	04	Good
3.	40 – 50	10	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating marginal to saline below 68.0 m bgl to till depth logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's



(S. Shukla)