

# 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-64

Dated: 30-07-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bangariya**  
Block: **Saltua Gopalpur**  
District: **Basti**  
State: **Uttar Pradesh**  
Date of Logging: **29-07-2023**  
Drilling Depth: **134.0m bgl**  
Logging Depth: **134.0 m bgl**  
Rm – **18.0 Ωm** Rw – **16.0 Ωm**

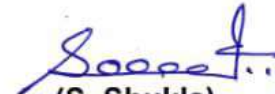
Borehole Drilled by: M/s Megha Engineering, Basti, Uttar Pradesh.

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.	21 – 30	09	Good
2.	45 – 55	10	Good
3.	69 – 84	15	Good
4.	92 – 96	04	Good
5.	108 – 115	07	Good

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

For Geo Instruments & Technic's

  
(S. Shukla)