

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS:K- 210

Dated: 10-09-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Gauriya Mau & Karimpur**
Block: **Rudauli**
District: **Ayodhya**
State: **Uttar Pradesh**
Date of Logging: **09-09-2023**
Drilling Depth: **170.0 m bgl**
Logging Depth: **158.0 m bgl**
Rm – **12.0 Ωm** Rw – **18.0 Ωm**

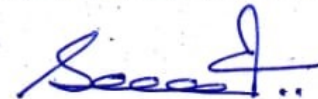
Borehole Drilled by: M/s Universal Mep Projects & Engineering,
Uttar Pradesh, India.

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.	18 – 28	10	Good
2.	43 – 47	04	Good
3.	50 – 57	07	Good
4.	67 – 77	10	Good
5.	106 – 110	04	Good
6.	120 – 127	07	Good
7.	140 – 143	03	Good
8.	152 – 156	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 1 & 6 are highly intermixed with fine bands of kankar.
3. Zones Sl. No. 7 is fine sand in nature.

For Geo Instruments & Technic's


(S. Shukla)