

# 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- 439

Dated: 11-11-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Khajuri Sarki**  
Block: **Barhni**  
District: **Siddharth Nagar**  
State: **Uttar Pradesh**  
Date of Logging: **09-11-2023**  
Drilling Depth: **205.0 m bgl**  
Logging Depth: **194.0 m bgl**  
Rm – **09.0Ωm** Rw – **15.0Ωm**

Latitude: **27.456054**

Longitude: **82.790270**

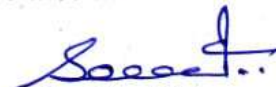
Borehole Drilled by: M/s **Jakson - Vishvaraj (JV)**, Siddharth Nagar,  
Uttar Pradesh, India.

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 – 32	10	Good
2.	40 – 47	07	Good
3.	55 – 65	10	Good
4.	70 – 77	07	Good
5.	81 – 88	07	Good
6.	93 – 100	07	Good
7.	115 – 122	07	Good
8.	127 – 134	07	Good
9.	156 – 160	04	Good
10.	183 – 190	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 6 is highly intermixed with fine bands of Kankar.

For Geo Instruments & Technic's

  
(S. Shukla)