

# 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- 480

Dated: 01-12-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Khaira  
Block: Barhani  
District: Siddharath Nagar  
State: Uttar Pradesh  
Date of Logging: 01-12-2023  
Drilling Depth: 205.0 m bgl  
Logging Depth: 203.0 m bgl  
Rm – 15.0  $\Omega$ m Rw – 16.0  $\Omega$ m

Latitude: 27.405426 Longitude: 82.879681

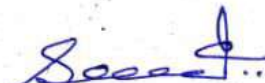
Borehole Drilled by: M/s Jakson Vishvaraj (JV) Siddharath Nagar, U. P.

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** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	64 – 70	06	Good
2.	97 – 104	07	Good
3.	114 – 124	10	Good
4.	138 – 150	12	Good
5.	159 – 166	07	Good
6.	181 – 185	04	Good
7.	190 – 197	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zones Sl. No. 2 & 7 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

  
(S. Shukla)