

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- 456
Dated: 25-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Khargawar**
Block: **Shohratgarh**
District: **Siddharth Nagar**
State: **Uttar Pradesh**
Date of Logging: **24-11-2023**
Drilling Depth: **205.0 m bgl**
Logging Depth: **198.0 m bgl**
Rm – **15.0 Ω m** Rw – **18.0 Ω m**

Latitude: **27.380939** Longitude: **82.940351**


Borehole Drilled by: **M/s Jakson Vishvaraj (JV) Siddharath Nagar,**
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.	36 – 43	07	Good
2.	49 – 53	04	Good
3.	65 – 72	07	Good
4.	76 – 80	04	Good
5.	84 – 91	07	Good
6.	115 – 119	04	Good
7.	135 – 141	06	Good
8.	165 – 169	04	Good
9.	191 – 198	07	Good

Note: 1. **Fine bands of kankar are intermixed with almost all the zones.**
2. **Zone Sl. No. 7 is highly kankar intermixed.**

For Geo Instruments & Technic's


(S. Shukla)