

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:24-25:LS: 153

Dated: 04-02-2025

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Mateshar Nankar**
Block: **Khuniyaon**
District: **Siddharath**
State: **Uttar Pradesh**
Date of Logging: **03-02-2025**
Drilling Depth: **170.0 m bgl**
Logging Depth: **165.0 m bgl**
Rm – **21.0 Ω m** Rw – **19.0 Ω m**

Latitude: **27.215692**

Longitude: **82.779136**

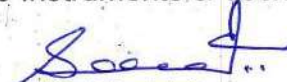
Borehole Drilled by: Ms Jakson Vishvaraj (JV) Siddharth Nagar, Uttar Pradesh.

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.	15 – 18	03	Good
2.	22 – 32	10	Good
3.	36 – 40	04	Good
4.	44 – 48	04	Good
5.	52 – 59	07	Good
6.	63 – 67	04	Good
7.	83 – 87	04	Good
8.	98 – 105	07	Good
9.	115 – 125	10	Good
10.	134 – 144	10	Good
11.	155 – 164	09	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 11 is highly intermixed with fine bands of kankar.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)