

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- 430

Dated: 07-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Mahali**
Block: **Shorathgarh**
District: **Siddharth Nagar**
State: **Uttar Pradesh**
Date of Logging: **06-11-2023**
Drilling Depth: **205.0 mbgl**
Logging Depth: **200.0 mbgl**
Rm – **19.0Ωm** Rw – **18.0Ωm**
Latitude: **27.448133** Longitude: **83.025674**

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

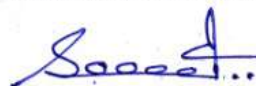
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral 6'** Geophysical Logs, following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	22 – 26	04	Good
2.	39 – 46	07	Good
3.	56 – 63	07	Good
4.	66 – 70	04	Good
5.	74 – 78	04	Good
6.	101 – 110	09	Good
7.	119 – 129	10	Good
8.	142 – 155	13	Good
9.	162 – 166	04	Good
10.	178 – 182	04	Good
11.	186 – 193	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

3. Zone Sl. No. 5 is fine sand in nature.

For Geo Instruments & Technic's


(S. Shukla)