

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- 499

Dated: 10-12-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Madwa**
Block: **Shohratgarh**
District: **Siddharth Nagar**
State: **Uttar Pradesh**
Drilling Depth: **210.0 m bgl**
Logging Depth: **209.0m bgl**
Date of logging: **09-12-2023**
Rm – **15.0 Ωm** Rw – **17.0 Ωm**

Latitude: **27.406508**

Longitude: **82.934336**

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

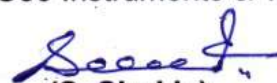
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral 6'** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (mbgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	47 – 51	04	Good
2.	54 – 63	09	Good
3.	67 – 74	07	Good
4.	81 – 85	04	Good
5.	90 – 93	03	Good
6.	103 – 110	07	Good
7.	117 – 121	04	Good
8.	130 – 133	03	Good
9.	136 – 143	07	Good
10.	147 – 154	07	Good
11.	157 – 161	04	Good
12.	164 – 167	03	Good
13.	183 – 190	07	Good
14.	204 – 208	04	Good

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

2. Zone Sl. No. 6, 9 and 10 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's


(S. Shukla)