

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- 333

Dated: 14-10-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Dohariya Khurd
Block: Shohratgarh
District: Siddharth Nagar
State: Uttar Pradesh
Date of Logging: 14-10-2023
Drilling Depth: 210.0 m bgl
Logging Depth: 194.0 m bgl
Rm – 13.0 Ω m Rw – 11.0 Ω m
Latitude: 27.445728 Longitude: 82.957603

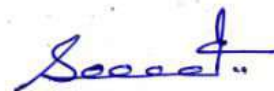
Borehole Drilled by: M/s Jakson Vishvaraj (JV) Siddharth, Nagar,
Uttar Pradesh, India.

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.	32 – 38	06	Good
2.	45 – 49	04	Good
3.	58 – 62	04	Good
4.	69 – 75	06	Good
5.	84 – 91	07	Good
6.	102 – 109	07	Good
7.	117 – 124	07	Good
8.	128 – 135	07	Good
9.	140 – 144	04	Good
10.	147 – 154	07	Good
11.	168 – 178	10	Good
12.	186 – 193	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 6 & 9 to 11 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's


(S. Shukla)