

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- 490

Dated: 05-12-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Siyaw Nankar**
Block: **Shohratgarh**
District: **Siddharth Nagar**
State: **Uttar Pradesh**
Drilling Depth: **205.0 m bgl**
Logging Depth: **188.0 m bgl**
Date of logging: **05-12-2023**
Rm – **18.0 Ωm** Rw – **17.0 Ωm**

Latitude: **27.421983** Longitude: **82.973457**

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.	22 – 31	09	Good
2.	43 – 50	07	Good
3.	71 – 75	04	Good
4.	83 – 90	07	Good
5.	94 – 97	03	Good
6.	102 – 109	07	Good
7.	117 – 123	06	Good
8.	130 – 139	09	Good
9.	148 – 152	04	Good
10.	157 – 161	04	Good
11.	164 – 171	07	Good
12.	180 – 184	04	Good

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

2. Zones Sl. No. 8 & 12 are highly intermixed with fine bands of Kankar.

For Geo Instruments & Technic's


(S. Shukla)