

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- 413

Dated: 03-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Mubarakpur**
Block: **Bhanwapur**
District: **Siddharth Nagar**
State: **Uttar Pradesh**
Date of Logging: **02-11-2023**
Drilling Depth: **170.0 m bgl**
Logging Depth: **160.0 m bgl**
Rm – **15.0 Ωm** Rw – **16.0 Ωm**

Latitude: **27.286157** Longitude: **82.542018**

Borehole Drilled by: **M/s Jakson Vishvaraj (JV) Siddharth 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 (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	19 – 23	04	Good
2.	27 – 34	07	Good
3.	45 – 58	13	Good
4.	62 – 72	10	Good
5.	86 – 90	04	Good
6.	95 – 99	04	Good
7.	103 – 110	07	Good
8.	115 – 119	04	Good
9.	125 – 132	07	Good
10.	140 – 150	10	Good

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

For Geo Instruments & Technic's


(S. Shukla)