

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-437

Dated: 11-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Lohraula
Block: Bhanwapur
District: Siddharth Nagar
State: Uttar Pradesh
Date of Logging: 10-11-2023
Drilling Depth: 175.0 m bgl
Logging Depth: 173.0 m bgl
Rm – 36.0 Ω m Rw – 46.0 Ω m

Latitude: 27.273274

Longitude: 82.573075

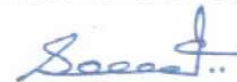
Borehole Drilled by: M/s Jakson - Vishvaraj (JV), Siddharth Nagar,
Uttar Pradesh, India.

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.	18 – 25	07	Good
2.	28 – 32	04	Good
3.	35 – 39	04	Good
4.	48 – 52	04	Good
5.	55 – 59	04	Good
6.	69 – 76	07	Good
7.	80 – 87	07	Good
8.	91 – 95	04	Good
9.	104 – 111	07	Good
10.	124 – 130	06	Good
11.	143 – 150	07	Good
12.	154 – 164	10	Good
13.	167 – 171	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 6 is highly intermixed with fine bands of Kankar.

For Geo Instruments & Technic's


(S. Shukla)