

# 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- 311

Dated: 09-10-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Budhapur  
Block: Shohratgarh  
District: Siddharth Nagar  
State: Uttar Pradesh  
Date of Logging: 08-10-2023  
Drilling Depth: 210.0 m bgl  
Logging Depth: 191.0 m bgl  
Rm – 22.0  $\Omega$ m Rw – 24.0  $\Omega$ m

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:

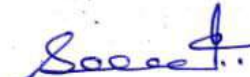
Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	42 – 46	04	Good
2.	50 – 53	03	Good
3.	70 – 76	06	Good
4.	86 – 93	07	Good
5.	115 – 122	07	Good
6.	147 – 151	04	Good
7.	166 – 170	04	Good
8.	185 – 191	06	Good

Note: 1. Zone Sl. No. 2 & 6 are fine and medium sand in nature.

2. Zone Sl. No. 6 is highly intermixed with fine bands of kankar.

3. Zone Sl. No. 7 is fine sand in nature.

For Geo Instruments & Technic's

  
(S. Shukla)