



# 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:22-23:LS:1K-806  
Dated: 28-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Joga Raja  
Block: Nathnagar  
District: Sant Kabir Nagar  
State: Uttar Pradesh  
Drilling Depth: 145.0 m bgl  
Logging Depth: 143.0 m bgl  
Date of logging: 27-03-2023  
Rm - 21.0  $\Omega$ m Rw - 20.0  $\Omega$ m

Borehole Drilled by: M/s MEIL, Sant Kabir 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 information/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
<del>1.</del>	17 - 24	07	
<del>2.</del>	30 - 39	09	Good
<del>3.</del>	45 - 52	07	Good
<del>4.</del>	59 - 63	04	Good
<del>5.</del>	70 - 74	04	Good
<del>6.</del>	110 - 114	04	Good
<del>7.</del>	129 - 136	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 7 is highly intermixed with fine bands of kankar.

Verified as per logs provided.

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

G.Sh  
20/03/23