

# 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- 368

Dated: 21-10-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Chandapur  
Block: Haraiya  
District: Azamgarh  
State: Uttar Pradesh  
Date of Logging: 21-10-2023  
Drilling Depth: 175.0 m bgl  
Logging Depth: 155.0 m bgl  
Rm – 16.0  $\Omega$ m Rw – 13.0  $\Omega$ m  
Latitude: 26.230005 Longitude: 83.270500

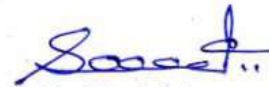
Borehole Drilled by: M/s Eco Protection Engineering Private Limited,  
Azamgarh, Uttar Pradesh, India.

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.	15 – 19	04	Good
2.	46 – 50	04	Good
3.	62 – 69	07	Good
4.	71 – 81	10	Good
5.	113 – 122	09	Good
6.	135 – 139	04	Good
7.	149 – 153	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zones Sl. No. 3 is highly intermixed with fine bands of kankar.  
3. Zones Sl. No. 6 & 7 are fine sand in nature.  
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)