

# 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: **665**

Dated: 06-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rohuwar Belkunda  
Block: Haraiya  
District: Azamgarh  
State: Uttar Pradesh  
Date of Logging: 05-06-2023  
Drilling Depth: 165.0 m bgl  
Logging Depth: 151.0 m bgl  
Rm - 17.0  $\Omega$ m Rw - 16.0  $\Omega$ m

Borehole Drilled by: M/s Eco Protection Pvt. Ltd. Azamgarh, 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.	28 - 32	04	Good
2.	44 - 47	03	Good
3.	59 - 63	04	Good
4.	83 - 87	04	Good
5.	90 - 97	07	Good
6.	112 - 116	04	Good
7.	123 - 126	03	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of ground water is deteriorating below 128.0 m bgl to till depth logged.  
3. Please ensure pre-monsoon water level before lower the well assembly.

*Verified as per logs provided.*

*Csh  
07/06/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)