

# 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: 425

Dated: 12-05-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Turkauli**  
Block: **Haraiya**  
District: **Azamgarh**  
State: **Uttar Pradesh**  
Date of Logging: **11-05-2023**  
Drilling Depth: **165.0 m bgl**  
Logging Depth: **164.0 m bgl**  
Rm - ~~16.0  $\Omega$ m~~ Rw - ~~15.0  $\Omega$ m~~

Borehole Drilled by: M/s Eco Protection Engineering 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)
<del>1.</del>	22 - 26	04	Good
<del>2.</del>	43 - 53	10	Good
<del>3.</del>	62 - 68	06	Good
<del>4.</del>	94 - 98	04	Good
<del>5.</del>	106 - 113	07	Good
6.	122 - 126	04	Moderate

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.

3. Please ensure pre-monsoon water level before lower the well assembly.

*Verified as per logs provided*

*G.Sh  
12/05/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)