

# 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: 179

Dated: 23-12-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Trilokpur  
 Block: Sandwa Chandrika  
 District: Pratapgarh  
 State: Uttar Pradesh  
 Date of Logging: 21-12-2022  
 Drilling Depth: 157.0 m bgl  
 Logging Depth: 155.0 m bgl  
 Rm -13.0  $\Omega$ m Rw -20.0  $\Omega$ m

Borehole Drilled by: M/s Power Mech Project Ltd. Pratapgarh, Uttar Pradesh.

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.	20 - 27	07	Good
2.	38 - 45	07	Moderate

- Note: 1. Fine bands of Kankar are intermixed with both Zones.  
 2. Quality of Ground Water is deteriorating marginal to Saline below 64.0 m bgl to till depth logged.  
 3. Please ensure pre-monsoon water level before lower the well assembly.

*Verified as per logs provided.*

*G.Sh  
24/12/22*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)