

# 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:23-24:LS: 792  
Dated: 26-12-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Umarpur & Bani Tw. - 2  
Block: Patti  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 25-12-2023  
Logging Depth: 298.0 m bgl  
Rm -13.0  $\Omega$ m Rw -14.0  $\Omega$ m

Latitude: 25.9439030 Longitude: 82.1501760

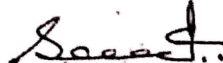
Borewell Drilled By: M/s Power Mech Project Limited, Pratapgarh,  
Uttar Pradesh, India.

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 (meters)	Remarks (Quality of aquifer water)
1.	21 - 28	07	Good
2.	36 - 40	04	Good
3.	42 - 52	10	Good
4.	59 - 66	07	Good

- Note: 1. Zones Sl. No. 2 & 3 are highly intermixed with kankar.  
2. Quality of ground water is deteriorating marginal to saline below 74.0 m bgl to till depth logged.

For Geo Instruments & Technic's

  
(S. Shukla)