

# 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: 22-23:LS: 255

Dated: 10-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bikara  
 Block: Bihar  
 District: Pratapgarh  
 State: Uttar Pradesh  
 Date of Logging: 09-02-2023  
 Drilling Depth 296.0 m bgl  
 Rm -16.0 Ωm Rw -11.0 Ωm

Borewell Drilled By: M/s Power Mech Project Ltd., Pratapgarh, 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:

1.	19 - 26	07	Good
2.	54 - 57	03	Good
3.	60 - 64	04	Good
4.	71 - 75	04	Good
5.	90 - 97	07	Good
6.	115 - 122	07	Good
7.	129 - 133	04	Good
8.	176 - 180	04	Moderate
9.	190 - 193	03	Moderate
10.	205 - 209	04	Moderate
11.	218 - 221	03	Moderate

Note: 1. Fine band of kankar are intermixed with almost all zones.

2. Zone Sl. No. 6 is highly intermixed with fine bands of kankar.

3. Quality of ground water is deteriorating Marginal to Saline below 277.0 m bgl to till depth logged.

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

*Verified as per logs provided*

For Geo Instruments & Technic's

*S. Shukla*  
 (S. Shukla)

*G.Sh  
 11/02/23*