

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:23-24:LS: 678

Dated: 29-10-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Raiyyapur  
Block: Kunda  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 28-10-2023  
Logging Depth: 272.0 m bgl  
Rm - 13.0  $\Omega$ m      Rw - 10.0  $\Omega$ m

Latitude: 25.7044480      Longitude: 81.571891

Borehole 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 (meter)	Remark (Quality of Aquifer Water)
1.	17 - 21	04	Good
2.	26 - 30	04	Good
3.	54 - 64	10	Good
4.	68 - 81	13	Good
5.	85 - 92	07	Good
6.	98 - 105	07	Good
7.	125 - 135	10	Good
8.	145 - 152	07	Good
9.	155 - 164	09	Good
10.	173 - 182	09	Good
11.	185 - 195	10	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 1, 2, 7, 8 & 10 are highly intermixed with thin bands of kankar.  
3. Quality of ground water is deteriorating marginal to saline below 210.0 m bgl to till depth logged.  
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)