

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:23-24:LS: 639

Dated: 11-10-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jhingur  
 Block: Babaganj  
 District: Pratapgarh  
 State: Uttar Pradesh  
 Date of Logging: 11-10-2023  
 Logging Depth: 258.0 m bgl  
 Rm - 11.0  $\Omega$ m Rw - 12.0  $\Omega$ m

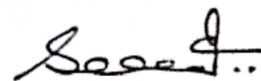
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh,  
 Uttar Pradesh, India.

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.	20 - 26	06	Good
2.	32 - 39	07	Good
3.	77 - 84	07	Good
4.	98 - 102	04	Good
5.	104 - 111	07	Good
6.	114 - 124	10	Good
7.	126 - 129	03	Good
8.	167 - 171	04	Good
9.	176 - 179	03	Good
10.	194 - 198	04	Good to Moderate

- Note: 1. Fine bands of kankar are Intermixed with almost all the zones.  
 2. Zone Sl. No. 7 & 8 are highly Intermixed with fine bands of kankar.  
 3. Quality of ground water is deteriorating marginal to saline below 204.0 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)