

# 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: 527

Dated: 26-08-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sangrampur  
Block: Kalakankar  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 26-08-2023  
Logging Depth: 300.0 m bgl  
Rm - 8.5  $\Omega$ m Rw - 8.0  $\Omega$ m

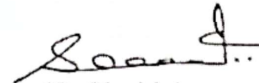
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh,  
Uttar Pradesh, India.

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.	28 - 32	04	Good
2.	52 - 62	10	Good
3.	88 - 103	15	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zones Sl. No. 2 is highly Intermixed with fine bands of kankar.  
3. Quality of ground water is deteriorating marginal to saline below 118.0 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)