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# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: 22-23:LS: 364

Dated: 31-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jajupur  
Block: Kalakankar  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 29-03-2023  
Logging Depth: 237.0 m bgl  
Rm – 12.0  $\Omega$ m Rw – 14.0  $\Omega$ m

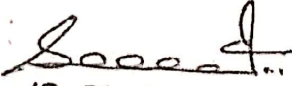
Borehole Drilled by: M/s Power Mech Project Ltd., Pratapgarh, U.P.

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:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	20 – 23	03	Good
2.	28 – 38	10	Good
3.	132 – 136	04	Moderate
4.	176 – 180	04	Moderate
5.	190 – 194	04	Moderate
6.	199 – 202	03	Moderate
7.	205 – 209	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of ground water is deteriorating Marginal to Saline in between 44.0 to 114.0 m bgl.  
3. Predominated Clay is present in depth range 116.0 to 122.0 m bgl.  
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)