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# 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: 694

Dated: .06-11-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sheshpur Dhanapur  
 Block: Kalakankar  
 District: Pratapgarh  
 State: Uttar Pradesh  
 Date of Logging: 05-11-2023  
 Logging Depth: 299.0 m bgl  
 Rm - 43.0  $\Omega$ m      Rw - 45.0  $\Omega$ m

Latitude: 25.9260380

Longitude: 81.4565040

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

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.	19 - 26	07	Good
2.	30 - 34	04	Good
3.	42 - 54	12	Good
4.	87 - 97	10	Good
5.	106 - 113	07	Moderate
6.	123 - 130	07	Moderate to Marginal

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
 2. Quality of ground water is deteriorating marginal to saline below 150.0 m bgl to till depth logged.  
 3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
 (S. Shukla)