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## GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS:K- 549

Dated: 27-12-2023

### GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Devriya Bambawan  
Block: Kerakat  
District: Jaunpur  
State: Uttar Pradesh  
Date of Logging: 26-12-2023  
Logging Depth: 330 m bgl  
Rm -13.0  $\Omega$ m Rw - 15.0  $\Omega$ m

Latitude: 25.6119850

Longitude: 82.9234070


Borehole Drilled by: M/s Welspun Enterprises, Jaunpur, U.P. 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.	26 - 42	16	Good
2.	116 - 122	06	Moderate
3.	132 - 139	07	Good to 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 62.0 to 110.0 m bgl to till depth logged.  
3. Predominated clay is present in depth range 110.0 to 115.0 m bgl.  
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)