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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: FJM:23-24:LS:K- 647  
Date: 29-02-2024

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Karja  
Block: Nichlaur  
District: Maharajganj  
State: Uttar Pradesh  
Date of Logging: 28-02-2024  
Drilling Depth: 142.0 m bgl  
Logging Depth: 122.0 m bgl  
Rm - 12.0  $\Omega$ m Rw - 19.0  $\Omega$ m

Latitude: 27.388709 Longitude: 83.719736


Borehole Drilled by: M/s Ritwik-Koya-JV, Maharajganj, 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.	16 - 20	04	Good
2.	26 - 36	10	Good
3.	39 - 42	03	Good
4.	64 - 74	10	Good
5.	79 - 83	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)