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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: FJM:23-24:LS:K- 376

Dated: 23-10-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Chhitauna  
Block: Nichlaur  
District: Maharajganj  
State: Uttar Pradesh  
Date of Logging: 23-10-2023  
Drilling Depth: 205.0 m bgl  
Logging Depth: 173.0 m bgl  
Rm - 19.0  $\Omega$ m Rw - 20.0  $\Omega$ m

Latitude: 27.358236 Longitude: 83.728615


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 5' 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 - 24	04	Good
2.	26 - 30	04	Good
3.	34 - 50	16	Good
4.	56 - 60	04	Good
5.	64 - 68	04	Good
6.	84 - 88	04	Good
7.	120 - 126	06	Good
8.	136 - 143	07	Good
9.	157 - 163	06	Good
10.	168 - 172	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zones Sl. No. 3 & 5 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

  
(S. Shukla)