

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: *K-80*  
Dated: 07-08-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Dhamaur  
Block: Nichlaul  
District: Maharajganj  
State: Uttar Pradesh  
Date of Logging: 06-08-2023  
Drilling Depth: 200.0m bgl  
Logging Depth: 184.0 m bgl  
Rm - 15.0 Qm Rw - 21.0 Qm

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.	18 - 22	04	Good
2.	36 - 43	07	Good
3.	67 - 74	07	Good
4.	77 - 81	04	Good
5.	104 - 108	04	Good
6.	130 - 133	03	Good
7.	136 - 143	07	Good
8.	155 - 162	07	Good
9.	175 - 178	03	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 2 is highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

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