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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:24-25:LS:108  
Dated: 09-08-2024

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Matihanwa  
Block: Brijmanganj  
District: Maharajganj  
State: Uttar Pradesh  
Date of Logging: 08-08-2024  
Drilling Depth: 205.0 m bgl  
Logging Depth: 194.0 m bgl  
Rm - 21.0  $\Omega$ m Rw 18.0  $\Omega$ m

Latitude: 27.179626 Longitude: 83.198306


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 8' 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.	24 - 34	10	Good
2.	48 - 61	13	Good
3.	68 - 72	04	Good
4.	86 - 90	04	Good
5.	94 - 100	06	Good
6.	103 - 110	07	Good
7.	122 - 129	07	Good
8.	150 - 157	07	Good
9.	160 - 166	06	Good
10.	191 - 194	03	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 4, 7 & 9 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

  
(S. Shukla)