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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:22-23:LS: 765

Dated: 24-11-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rudauli  
 Block: Nichlaul  
 District: Maharajganj  
 State: Uttar Pradesh  
 Drilling Depth: 147.0 m bgl  
 Logging Depth: ~~138.0m bgl~~  
 Date of logging: 23-11-2022  
 Rm - ~~25.0 Ωm~~ Rw - ~~27.0 Ωm~~

Borehole Drilled by: M/s JMC India Limited, 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)
<del>1.</del>	21 - 25	04	Good
<del>2.</del>	34 - 48	14	Good
<del>3.</del>	50 - 53	03	Good
<del>4.</del>	59 - 63	04	Good
<del>5.</del>	67 - 74	07	Good
<del>6.</del>	125 - 132	07	Good

Note: ~~Fine bands of Kankar are intermixed with almost all the Zones.~~

For Geo Instruments & Technic's

*S. Shukla*  
 (S. Shukla)

*Verified as per logs provided.  
 Note: One more zone may add as 40-49 (0m) - good.*

*G. S. S.*  
 ASSISTANT HYDROGEOLOGIST  
 25/11/2022 (EAM)  
 U.P. ALN (RURAL)  
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