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# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upron Borehole logging system, UPRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS: 524-A  
Dated: 11-09-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kairati - Re-logging  
Block: Nautanwa  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 250.0 m bgl  
Logging Depth: 245.0 m bgl  
Date of logging: 10-09-2022  
Rm - 12.0  $\Omega$ m Rw - 12.0  $\Omega$ m

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)
1.	20 - 24	04	Good
2.	30 - 34	04	Good
3.	40 - 45	05	Good
4.	103 - 110	07	Good
5.	123 - 127	04	Good
6.	136 - 140	04	Good
7.	160 - 167	07	Good
8.	185 - 189	04	Good
9.	191 - 198	07	Good
10.	203 - 210	07	Good

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

*Verified on per logs provided.*

*G. C.*  
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GEO OFFICE (EM)  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ

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