

# 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:1K-699  
Dated: 05-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Lohajhar  
Block: Sukrauli  
District: Kushi Nagar  
State: Uttar Pradesh  
Drilling depth: 158.0 m bgl  
Logging depth: 150.0 m bgl  
Date of logging: 04-03-2023  
Rm - 40.0 Qm R<sub>w</sub> - 38.0 Qm

Borewell Drilled By: M/s NCC Limited, Kushi Nagar, 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 (meters)	Remarks (Quality of aquifer water)
1.	17 - 24	07	Good
2.	29 - 35	06	Good
3.	37 - 44	07	Good
4.	47 - 53	06	Good
5.	58 - 68	10	Good
6.	98 - 102	04	Good
7.	118 - 123	10	Good
8.	132 - 139	07	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 7 is highly intermixed with fine bands of kankar.

Verified as per logs provided.

For Geo Instruments & Technic's

Note: S<sub>r</sub>No 4 - 48-52 (4m)  
S<sub>r</sub>No 6 - 99-102 (3m)  
S<sub>r</sub>No 8 - 133-139 (6m)  
GSH

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