



# 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-50  
Dated: 23-07-2023

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## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mirzapur Pakdi  
Block: Ghughuli  
District: Maharajgani  
State: Uttar Pradesh  
Date of logging: 23-07-2023  
Drilling Depth: 212.0 m bgl  
Logging Depth: 207.0mbgl  
Rm -16.0 Qm Rw - 21.0Qm

Borehole Drilled by: M/s Ritwik-Koya(JV), Maharajgani, U.P. India.

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.	17 - 21	04	Good
2.	26 - 30	04	Good
3.	33 - 43	10	Good
4.	48 - 55	07	Good
5.	65 - 75	10	Good
6.	81 - 85	04	Good
7.	102 - 106	04	Good
8.	113 - 120	07	Good
9.	124 - 128	04	Good
10.	149 - 159	10	Good
11.	162 - 166	04	Good
12.	176 - 180	04	Good
13.	185 - 188	03	Good
14.	190 - 194	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zones Sl. No. 3, 9 & 14 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

  
(S. Shukla)