

# 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 363

Dated: 01-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Barahara  
Block: Sadar  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 121.0 m bgl  
Logging Depth: 116.0 m bgl  
Date of logging: 31-01-2023  
Rm - 12.0  $\Omega$ m Rw - 17.0  $\Omega$ m

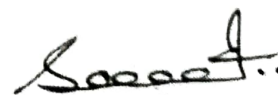
Borehole Drilled by: M/s JMC India Limited, Mahrajganj, U.P.

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.	27 - 34	07	Good
2.	45 - 60	15	Good
3.	65 - 71	06	Good
4.	75 - 78	03	Good
5.	86 - 90	04	Good
6.	102 - 106	04	Good
7.	109 - 116	07	Good

Note: 1. Zone Sl. No. 2 is highly intermixed with fine bands of kankar.  
2. Zone Sl. No. 6 is fine sand in nature.

For Geo Instruments & Technic's

  
(S. Shukla)