

# 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:461

Dated: 09-08-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Debipur**  
Block: **Paniyara**  
District: **Mahrajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **135.0 m bgl**  
Logging Depth: **131.0 m bgl**  
Date of logging: **09-08-2022**  
Rm - **21.0 Ωm** Rw - **10.0 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>	22 - 28	06	Good
<del>2.</del>	31 - 35	04	Good
<del>3.</del>	54 - 57	03	Good
<del>4.</del>	66 - 70	04	
<del>5.</del>	84 - 88	04	Good
<del>6.</del>	97 - 119	22	Good
<del>7.</del>	127 - 130	03	Good

Note: 1. Fine Bands of Kankar are intermixed with almost all the Zones.

2. Zone Sl. No. 4 is Fine Sand in nature.

For Geo Instruments & Technic's

  
(S. Shukla)

*Verified as per logs provided.*

*G. Sh*  
ASSISTANT HYDROGEOLOGIST,  
CIRCLE OFFICE (E/M)  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ