



# 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: 425

Dated: 25-07-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Baida**  
Block: **Paniyara**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **135.0 m bgl**  
Logging Depth: **131.0 m bgl**  
Date of logging: **24-07-2022**  
Rm - **18.0  $\Omega$ m** Rw - **17.0  $\Omega$ 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 Sallinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
<del>1.</del>	25 - 36	11	Good
<del>2.</del>	50 - 60	10	Good
<del>3.</del>	70 - 75	05	Good
<del>4.</del>	100 - 113	13	Good
<del>5.</del>	115 - 119	04	Good
<del>6.</del>	125 - 131	06	Good

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

*Verified as per logs provided.*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*C. S. S.*  
ASSISTANT HYDROGEOLOGIST  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ