



# 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: 134  
Dated: 06-05-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Germa**  
Block: **Siswa Bazar**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **120.0 m bgl**  
Logging Depth: **115.0 m bgl**  
Date of Logging: **05-05-2022**  
Rm - **9.0  $\Omega$ m** Rw - **9.0  $\Omega$ 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:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
<del>1.</del>	35 - 50	15	Good
<del>2.</del>	55 - 80	25	Good
<del>3.</del>	105 - 108	03	Good

Note: ~~1.~~ Fine bands of Kankar are intermixed with almost all the Zones.  
~~2.~~ Zones Sl. No. 3 is Fine Sand in Nature.

*Verified as per logs provided.*

Asst. Hydrogeologist  
Zamrak Mandal  
U.P. Jal Nigam (Rural)  
Prayagraj

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)