

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: 78

Dated: 25-04-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

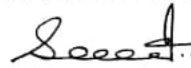
Site: **Mahadeva**
Block: **Pharenda**
District: **Mahrajganj**
State: **Uttar Pradesh**
Date of logging: **25-04-2022**
Drilling depth: **170.0 m bgl**
Logging Depth: **170.0 m bgl**
Rm - **15.0 Ω m** Rw - **13.0 Ω m**

Borehole Drilled by: **M/s JMC India Limited, Mahrajganj, 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 (meters)	Inferred lithology	Remarks (Quality of aquifer water)
1.	26 - 40	14	Sand	Good
2.	45 - 62	17	Sand	Good
3.	69 - 73	04	Sand	Good
4.	77 - 83	06	Sand	Good
5.	103 - 110	07	Sand intermixed with Kankar	Good
6.	113 - 117	04	Sand	Good
7.	124 - 137	13	Sand intermixed with Kankar	Good
8.	142 - 150	08	Sand	Good
9.	155 - 160	05	Sand intermixed with Kankar	Good
10.	166 - 170	04	Fine-Sand intermixed with Kankar	Good

For Geo Instruments & Technic's


(S. Shukla)

ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
RURAL NIGAM (RURAL)
PRAYAGRAJ

Verified as per logs provided
Note - Sr No2 is intermixed with fine band of kankar.