

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

Authorised Sales & Service Dealer : Upton Borehole logging system, UPTON INDIA LTD., LUCKNOW.

Ref.GIT:UP:22-23:LS: 23D

Dated: 28-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Semra Chadewali**
Block: **Partawal**
District: **Mahrajganj**
State: **Uttar Pradesh**
Drilling depth: **143.0 m bgl**
Logging depth: **135.0 m bgl**
Date of logging: **27-05-2022**
Rm - **20.0 Ωm** Rw - **23.0 Ωm**

Borewell Drilled By: **M/S JMC India Limited, Maharajganj, Uttar Pradesh.**

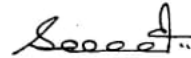
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral (6')** Geophysical Logs, following informations/granular zones have been deciphered with respect to **Salinity** only :

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	31 - 46	15	Good
2.	50 - 60	10	Good
3.	63 - 75	12	Good
4.	85 - 89	04	Good
5.	105 - 112	07	Good
6.	120 - 124	04	Good

Note: **1. Zone Sl. No. 4 is Fine to Medium Sand in nature.**

2. Fine bands of Kankar are intermixed with almost all the Zones.

For Geo Instruments & Technic's


(S. Shukla)

Verified as per logs provided.

Gita
ASSISTANT DIRECTOR
ZONAL OFFICE (RURAL)
UP, JALNATH, PRAYAGRAJ