

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:23-24:LS: 604
Dated: 04-10-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Narharpur**
Block: **Mangraura**
District: **Pratapgarh**
State: **Uttar Pradesh**
Date of Logging: **03-10-2023**
Logging Depth: **160.0 m bgl**
Rm - **13.0 Ω m** Rw - **12.0 Ω m**


Borehole Drilled by: M/s **JMC India Limited, Pratapgarh, 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)
1.	17 - 21	04	Good
2.	32 - 35	03	Good
3.	38 - 45	07	Good

- Note: 1. **Fine bands of kankar are intermixed with almost all the zones.**
2. **Zone Sl. No. 2 is fine sand in nature & highly intermixed with fine bands of kankar.**
3. **Quality of ground water is deteriorating marginal to saline below 60.0 m bgl to till depth logged.**
4. **Please ensure pre-monsoon water level before lower the well assembly.**

For Geo Instruments & Technic's


(S. Shukla)