

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:24-25:LS: 92

Dated: 18-06-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bairma**
Block: **Maharajganj**
District: **Jaunpur**
State: **Uttar Pradesh**
Date of Logging: **17-06-2024**
Logging Depth: **274.0 mbgl**
Rm – **19.0 Ωm** Rw – **18.0 Ωm**

Latitude: **25.834507** Longitude: **82.335934**

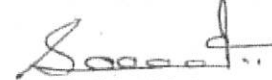
Borehole Drilled by: **M/s Afcons Infrastructure Limited, Jaunpur, U. P.**

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.	24 – 30	06	Good
2.	42 – 49	07	Good
3.	54 – 60	06	Moderate
4.	66 – 70	04	Moderate to Marginal

- Note: 1. Zones Sl. No. 1 is highly intermixed with fine bands of kankar.
2. Quality of ground water is deteriorating marginal to saline below 80.0 m bgl to till depth logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)