

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:K- **G12**

Dated: 31-01-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Moolnapur**
Block: **Khuthan**
District: **Jaunpur**
State: **Uttar Pradesh**
Date of Logging: **31-01-2024**
Logging Depth: **300.0m bgl**
Rm – **22.0 Ω m** Rw – **19.0 Ω m**


Borehole Drilled by: M/s Afcons Infrastructure Limited, Jaunpur, Uttar Pradesh, India.

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 – 27	10	Good
2.	30 – 33	03	Good
3.	37 – 43	06	Good
4.	50 – 57	07	Good to Moderate
5.	73 – 79	06	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 3 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline below 84.0 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)