

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref.GIT:UP:22-23:LS:208
Dated: 24-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Mauhar**
Block: **Kopaganj**
District: **Mau**
State: **Uttar Pradesh**
Drilling depth: **210.0 m bgl**
Logging depth: **185.0 m bgl**
Date of logging: **24-05-2022**
Rm - 17.0 Ω m Rw - 16.0 Ω m

Tubewell Drilled By: **L.C. Infra Projects Pvt. Ltd., Mau, 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.	33 - 36	03	Good
2.	53 - 56	03	Good
3.	59 - 62	03	Good
4.	70 - 74	04	Good
5.	76 - 82	06	Good
6.	100 - 105	05	Good
7.	125 - 141	16	Good

Note: ~~1.~~ Fine bands of Kankar are intermixed with almost all the zone.
~~2.~~ Quality of Ground Water is deteriorating Marginal to Saline below 146.0 to till depth Logged.

Verified as per logs provided
G.S.
25/5/22

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)