

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: 866
Dated: 07-12-2022

GEO PHYSICAL BOREHOLE LOGGING REPORT

Site: **Rakhma**
Block: **Bahadurpur**
District: **Basti**
State: **Uttar Pradesh**
Drilling depth: **138.0 m bgl**
Logging depth: **130.0 m bgl**
Date of logging: **07-12-2022**
Rm - **21.0 Ωm** Rw - **34.0 Ωm**

Borewell Drilled By: M/s MEIL, Basti, 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.	30 - 34	04	Good
2.	40 - 47	07	Good
3.	57 - 63	06	Good
4.	67 - 77	10	Good
5.	83 - 90	07	Good
6.	96 - 100	04	Good
7.	126 - 130	04	Good

Note: ~~1.~~ Very Fine bands of Kankar are intermixed with Zones Sl. No. 5 to 7.

~~2.~~ Zones Sl. No. 2 to 4 are highly intermixed with fine bands of Kankar.

Verified as per logs provided
G.Sh
08/12/22

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)