

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:23-24:LS: 63

Dated: 20-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Budhiyapur**
Block: **Rampur Sangramgarh**
District: **Pratapgarh**
State: **Uttar Pradesh**
Logging depth: **299.0 m bgl**
Date of logging: **18-04-2023**
Rm - **12.0 Ω m** Rw - **10.0 Ω m**

Borewell Drilled By: M/s **Power Mech Project Ltd., Pratapgarh, U.P., 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 (meters)	Remarks (Quality of aquifer water)
1.	24 - 34	10	Good
2.	42 - 48	06	Good
3.	64 - 74	10	Good
4.	92 - 96	04	Good
5.	105 - 112	07	Good
6.	122 - 129	07	Good
7.	132 - 135	03	Good
8.	172 - 176	04	Good to Moderate
9.	207 - 211	04	Moderate
10.	222 - 226	04	Moderate
11.	250 - 254	04	Moderate
12.	264 - 271	07	Moderate to Marginal

Note: 1. Zone Sl. No. 5 & 8 are highly intermixed with fine bands of kankar.
2. Zone Sl. No. 9 is intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating Marginal to Saline below 280.0 m bgl to till depth logged.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

*G. Shukla
21/04/23*