

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: 65

Dated: 20-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Preetampur
Block: Babaganj
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 294.0 m bgl
Date of logging: 18-04-2023
Rm -13.0 Qm Rw -10.0 Qm

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.	26 - 33	07	Good
2.	124 - 127	03	Moderate
3.	142 - 148	06	Good
4.	154 - 157	03	Good
5.	166 - 173	07	Good
6.	177 - 180	03	Good
7.	184 - 191	07	Good
8.	194 - 197	03	Good
9.	204 - 207	03	Moderate
10.	218 - 225	07	Moderate
11.	253 - 260	07	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 3, 5 & 8 are highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating Marginal to Saline in between 46.0 to 119.0, 226.0 to 248.0 & below 268.0 m bgl to till depth logged.
4. Predominated Clay is present in depth range 119.0 to 124.0 & 248.0 to 252.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

For Geo Instruments & Technic's

*G.Sh
21/04/23*

S. Shukla
(S. Shukla)