

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: 22-23:LS: 325

Dated: 12-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Fatehpur Meerpur
Block: Gaura
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 11-03-2023
Logging Depth: 286.0 m bgl
Rm -8.0 Om Rw -9.2 Om

Borewell Drilled By: M/s Kalpataru Power Transmission Limited,
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.	18 - 22	04	Good
2.	24 - 28	04	Good
3.	184 - 190	06	Moderate
4.	194 - 198	04	Moderate
5.	208 - 212	04	Moderate
6.	216 - 220	04	Moderate

Note: 1. Fine band of kankar are intermixed with almost all the zones.

~~2.~~ Quality of ground water is deteriorating Marginal to Saline in between 32.0 to 178.0 & below 230.0 m bgl to till depth logged.

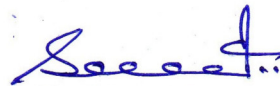
~~3.~~ Clay and Kankar intercalation is present in depth range 178.0 to 183.0 m bgl.

~~4.~~ Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

Note - Sr No 4 - 194 - 197 (3m)

For Geo Instruments & Technic's


(S. Shukla)

G.Sh
12/03/23