

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: 220
Dated: 07-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ramaipur
Block: Babaganj
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 285.0 m bgl
Date of logging: 05-06-2023
Rm - 8.4 cm Rw - 12.0 cm

Borewell Drilled By: M/s Power Mech Project Ltd., Pratapgarh, U. P.

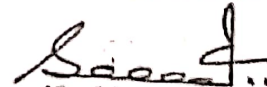
Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' Geophysical Logs, following Informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	20 - 23	04	Good
2.	25 - 28	03	Moderate
3.	126 - 133	07	Moderate
4.	140 - 147	07	Good
5.	160 - 170	10	Good
6.	177 - 181	04	Good
7.	190 - 194	04	Good
8.	197 - 210	13	Good
9.	250 - 257	07	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 4 & 8 are highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline in between 45.0 to 109.0 m bgl & below 265.0 bgl to till depth logged.
4. Predominated clay is present in depth range in between 109.0 to 125.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided

For Geo Instruments & Technic's


(S. Shukla)

G.Sh
07/06/23