

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

& Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref.GIT:UP:23-24:LS: 233
Dated: 10-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kashar
Block: Bihar
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 304.0 m bgl
Date of logging: 07-06-2023
Rm - 13.0 Ω m Rw - 14.0 Ω m

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:

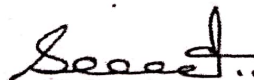
Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	18 - 25	07	Good
2.	28 - 35	07	Good
3.	40 - 44	04	Good
4.	48 - 52	04	Good
5.	140 - 150	10	Good
6.	159 - 166	07	Good
7.	171 - 178	07	Good
8.	181 - 185	04	Moderate
9.	197 - 201	04	Moderate
10.	216 - 220	04	Moderate
11.	232 - 236	04	Moderate to Marginal

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 9 is highly intermixed with fine band of kankar.
3. Quality of ground water is deteriorating marginal to saline below 60.0 to 134.0 & below 248.0 m bgl to till depth logged.
4. Predominated clay is present in depth range 134.0 to 139.0 m bgl.

Verified as per logs provided.
Note: Sr NO 5-141-148 (7m)

G.Sh
10/06/23

For Geo Instruments & Technic's


(S. Shukla)