

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: 137
Dated: 13-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Gogar
Block: Bihar
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 264.0 m bgl
Date of logging: 12-05-2023
Rm - 30.0 Ω m Rw - 40.0 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.	20 - 23	03	Good
2.	34 - 38	04	Good
3.	44 - 48	04	Good
4.	54 - 64	10	Good
5.	86 - 102	16	Good
6.	110 - 114	04	Good
7.	130 - 134	04	Good
8.	139 - 143	04	Good
9.	146 - 153	07	Good
10.	161 - 167	06	Good
11.	172 - 176	04	Good
12.	179 - 189	10	Good
13.	207 - 211	04	Moderate
14.	214 - 218	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 3 to 5 & 12 are highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline below 226.0 m bgl to till depth logged.

215-218
(3m)

Verified as per
logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G. Shukla
13/05/23