

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: 360
Dated: 30-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kanava
Block: Babaganj
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 29-03-2023
Logging Depth: 254.0 m bgl
Rm - 10.0 Ω m Rw - 13.0 Ω m

Borehole 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:

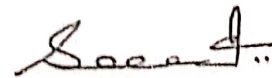
Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	20 - 24	04	Good
2.	30 - 34	04	Moderate
3.	87 - 97	10	Good
4.	100 - 104	04	Good
5.	112 - 116	04	Good
6.	131 - 138	07	Good
7.	152 - 159	07	Good
8.	162 - 166	04	Good
9.	168 - 177	09	Good
10.	188 - 200	12	Good
11.	204 - 216	12	Good
12.	220 - 224	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 4, 5 & 11 are highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating Marginal to Saline in between 42.0 to 74.0 & below 234.0 m bgl to till depth logged.
4. Predominated Clay is present in depth range 74.0 to 84.0 m bgl.

Verified as per logs provided.

G.Sh
31/03/23

For Geo Instruments & Technic's


(S. Shukla)