

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: 673

Dated: 26-10-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sultanpur
Block: Gaura
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 26-10-2023
Logging Depth: 259.0 m bgl
Rm – 32.0 Ω m Rw – 30.0 Ω m

Latitude: 25.7655050 Longitude: 81.4331010

Borehole Drilled by: M/s Kalpataru Power Transmission Limited,
Pratapgarh, Uttar Pradesh, 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 (meter)	Remark (Quality of Aquifer Water)
1.	16 – 26	10	Good
2.	30 – 50	20	Good
3.	118 – 132	14	Good to Moderate
4.	145 – 158	13	Good
5.	186 – 190	04	Good
6.	192 – 196	04	Good
7.	202 – 209	07	Good
8.	212 – 216	04	Good
9.	226 – 233	07	Moderate to Marginal

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

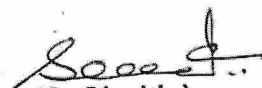
2. Zones Sl. No. 3, 5 & 9 are highly intermixed with fine bands of kankar.

3. Quality of Ground water is deteriorating marginal to saline in between 60.0 to 102.0 m bgl.

4. Predominated clay is present in depth range 102.0 to 110.0 m bgl.

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

For Geo Instruments & Technic's


(S. Shukla)