

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: 331

Dated: 19-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jaichandpur
Block: Babaganj
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 18-03-2023
Logging Depth: 300.0 m bgl
Rm -10.0 Qm Rw -13.0 Qm

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.	24 - 28	04	Good
2.	40 - 49	09	Good
3.	58 - 64	06	Good
4.	82 - 92	10	Good To Moderate
5.	148 - 151	03	Moderate
6.	168 - 174	06	Good
7.	184 - 191	07	Good
8.	200 - 204	04	Moderate

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zone Sl. No. 6 is highly intermixed with fine bands of kanakar.

3. Quality of ground water is deteriorating Marginal to Saline below 217.0 m bgl to till depth logged.

Verified as per logs provided.

*G.Ch
20/03/23*

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S. Shukla
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