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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: 279 - A

Dated: 25-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bijoomau - Re-logging
Block: Rampur Sangramgarh
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 24-02-2023
Logging Depth: 274.0 m bgl
Rm - 12.0 Qm Rw - 10.0 Qm

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 (meter)	Remark (Quality of Aquifer Water)
1.	16 - 20	04	Good
2.	31 - 38	07	Good
3.	42 - 49	07	Good
4.	186 - 190	04	Moderate
5.	192 - 195	03	Moderate
6.	204 - 208	04	Moderate
7.	227 - 230	03	Moderate

Note: 1. Zone Sl. No. 3 is highly intermixed with fine band of kankar.

2. Quality of ground water is deteriorating Marginal to Saline in between 60.0 to 179.0 and & below 242.0 m bgl to till depth Logged.

3. Predominated Clay is present in depth range 179.0 to 185.0 m bgl.

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

Verified as per logs provided.

Note Sr No 4 to 7 have finer sediments associated with kankars.

For Geo Instruments & Technic's

(S. Shukla)

GS
25/02/23

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