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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:23-24:LS: 771
Dated: 20-12-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Avtarpur
Block: Bihar
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 216.0 m bgl
Date of logging: 19-12-2023
Rm - 9.0 Ω m Rw - 9.0 Ω m
Latitude: 25.717304 Longitude: 81.628661

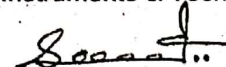
Borewell Drilled By: M/s Power Mech Project Limited, Pratapgarh, U.P.

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.	17 - 24	07	Good
2.	42 - 46	04	Moderate
3.	78 - 82	04	Moderate
4.	86 - 92	06	Good
5.	98 - 105	07	Good
6.	108 - 111	03	Good
7.	116 - 120	04	Good
8.	128 - 135	07	Good
9.	146 - 153	07	Good
10.	158 - 162	04	Good
11.	170 - 177	07	Good
12.	182 - 192	10	Good
13.	198 - 202	04	Good
14.	206 - 210	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 5, 8 & 10 are highly intermixed with fine bands of kankar.
3. Zone Sl. No. 7 is fine sand in nature.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)

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