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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: 586

Dated: 27-09-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bharathgarh
Block: Bahaganj
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 26-09-2023
Logging Depth: 278.0 m bgl
Rm - 16.0 Ω m Rw - 13.0 Ω m

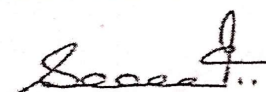
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh, Uttar Pradesh, India.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-54") 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.	27 - 30	03	Good
2.	39 - 46	07	Good
3.	58 - 65	07	Good
4.	87 - 91	04	Good
5.	94 - 98	04	Good
6.	136 - 142	06	Good
7.	146 - 150	04	Good
8.	158 - 162	04	Good
9.	166 - 170	04	Good
10.	177 - 180	03	Good
11.	185 - 195	10	Good
12.	204 - 213	09	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 1 is fine sand in nature.
3. Quality of ground water is deteriorating marginal to saline below 230.0 m bgl to till depth logged.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)