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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:23-24:LS: 740
Dated: 05-12-2023

GEO PHYSICAL BOREHOLE LOGGING REPORT

Site: Bargawan
Block: Kalakankar
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 206.0 m bgl
Date of logging: 05-12-2023
Rm - 18.0 Ω m Rw - 19.0 Ω m

Latitude: 25.757916

Longitude: 82.457365

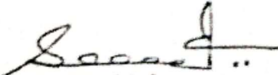
Borewell Drilled By: M/s Power Mech Project Ltd., Pratapgarh, U.P.

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 (meters)	Remarks (Quality of aquifer water)
1.	19 - 26	07	Good
2.	52 - 62	10	Good
3.	65 - 75	10	Good
4.	98 - 105	07	Good
5.	112 - 119	07	Good
6.	127 - 134	07	Good
7.	137 - 146	09	Good to Moderate
8.	148 - 152	04	Moderate
9.	157 - 164	07	Moderate to Marginal

- Note:
1. Fine bands of kankar are intermixed with almost all the zones.
 2. Zone Sl. No. 4 & 7 are highly intermixed with fine bands of kankar.
 3. Quality of ground water is deteriorating marginal to saline below 176.0 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)

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