

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: 739

Dated: 05-12-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bhaidpur
Block: Mangraura
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 148.0 m bgl
Date of logging: 05-12-2023
Rm - 17.0 Ω m Rw - 20.0 Ω m

Latitude: 25.982010

Longitude: 82.175633

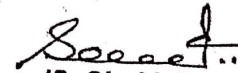
Borewell Drilled By: M/s Power Mech Project Ltd., Pratapgarh, U. P.

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.	20 - 24	04	Good
2.	27 - 33	06	Good
3.	36 - 50	14	Good
4.	118 - 128	10	Good
5.	132 - 136	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 4 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline in between 78.0 to 112.0 m bgl.
4. Predominated Clay is present in depth range 112.0 to 118.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)