

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:23-24:LS: 194
Dated: 30-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Banshiyara
Block: Bihar
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 256.0 m bgl
Date of logging: 28-05-2023
Rm - 9.0 Qm Rw - 11.0 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 (meters)	Remarks (Quality of aquifer water)
1.	21 - 25	04	Good
2.	96 - 109	13	Good
3.	146 - 152	06	Good
4.	155 - 164	09	Good
5.	167 - 170	03	Good
6.	173 - 176	03	Good
7.	185 - 194	09	Good
8.	196 - 200	04	Moderate

- 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 below 210.0 m bgl to till depth logged.

Verified as per logs provided

G. Sh
31/05/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)