

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: 78
Dated: 25-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Andhari Pur**
Block: **Kala Kankar**
District: **Pratapgarh**
State: **Uttar Pradesh**
Logging depth: **176.0 m bgl**
Date of logging: **24-04-2023**
Rm - 7.8 ~~Qm~~ Rw - 15.0 ~~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.	19 - 23	04	Good
2.	106 - 113	07	Moderate
3.	116 - 120	04	Moderate
4.	144 - 154	10	Good
5.	159 - 166	07	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating Marginal to Saline in between 50.0 to 94.0 m bgl.
3. Clay and Kankar intercalation is present in depth range 94.0 to 104.0 m bgl.
4. Predominated Clay is present in depth range 124.0 to 142.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

*G.Sh
26/04/23*

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