

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: 93

Dated: 03-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jakhamai
Block: Kunda
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 212.0 m bgl
Date of logging: 03-05-2023
Rm -15.0 Ω m Rw -11.5 Ω m

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

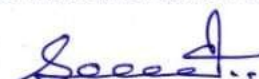
Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	20 - 24	04	Good
2.	33 - 40	07	Good
3.	46 - 50	04	Good
4.	54 - 61	07	Good
5.	87 - 90	03	Good
6.	104 - 108	04	Good
7.	126 - 130	04	Good
8.	137 - 141	04	Good
9.	152 - 156	04	Good
10.	169 - 176	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 below 184.0 m bgl to till depth logged.
3. Zone Sl. No. 2 is highly intermixed with very fine bands of kankar.
4. Zone Sl. No. 8 is highly intermixed with fine bands of kankar.

Verified as per
logs provided

For Geo Instruments & Technic's


(S. Shukla)

GSh
03/05/23