

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: 255
Dated: 17-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Arjun Ateru
Block: Babaganj
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 295.0 m bgl
Date of logging: 16-06-2023
Rm - 7.0 Om Rw - 5.8 Om

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.	32 - 38	04	Good
2.	85 - 94	09	Good
3.	131 - 135	04	Good
4.	146 - 150	04	Good
5.	156 - 160	04	Good
6.	170 - 173	03	Good
7.	185 - 189	04	Good
8.	200 - 207	07	Good
9.	220 - 224	04	Good
10.	239 - 245	06	Good to Moderate
11.	250 - 254	04	Moderate to Marginal

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating marginal to saline below 265.0 m bgl to till depth logged.

Verified as per logs provided

*GSh
19/06/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)