

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:23-24:LS: 122
Dated: 10-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Saray Jagat Singh
Block: Lalganj
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 300.0 m bgl
Date of logging: 08-05-2023
Rm - 12.0 Ω m Rw - 13.0 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.	18 - 22	04	Good
2.	32 - 38	06	Good
3.	53 - 60	07	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
~~2. Zone Sl. No. 2 is highly intermixed with fine bands of kankar.~~
~~3. Quality of ground water is deteriorating marginal to saline below 68.0 m bgl to till depth logged.~~
~~4. Please ensure pre-monsoon water level before lower the well assembly.~~

Verified as per logs provided

*Gishu
10/05/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)