

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:23-24:LS: 278
Dated: 24-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pure Basan & Aaumisaraysaifkha
Block: Patti
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 250.0 m bgl
Date of logging: 22-06-2023
Rm - 9.0 Ωm Rw - 11.0 Ωm

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 - 26	06	Good
2.	30 - 33	03	Good
3.	46 - 52	06	Good
4.	56 - 63	07	Good
5.	68 - 72	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 104.0 m bgl to till depth logged.
4. Please ensure pre-monsoon water level before lower the well assembly

Have fine sediments.

Verified as per logs provided

CPL
24/06/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)