

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: 298
Dated: 30-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Purejhau
Block: Babaganj
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 276.0 m bgl
Date of logging: 28-06-2023
Rm -8.5 Ω m Rw -10.0 Ω m

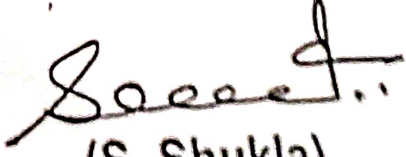
Borewell Drilled By: M/s Power Mech Project Ltd., Pratapgarh, U. P.

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.	24 - 28	04	Good
2.	34 - 41	07	Good
3.	50 - 57	07	Good
4.	60 - 64	04	Good
5.	79 - 86	07	Good
6.	90 - 99	09	Good
7.	136 - 146	10	Moderate
8.	166 - 172	06	Moderate
9.	206 - 212	06	Good to Moderate

- 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 112.0 to 126.0 m bgl and below 224.0 m bgl to till depth logged.
3. Predominated Clay is present in between 126.0 to 136.0 m bgl

For Geo Instruments & Technic's


(S. Shukla)