

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: 22-23:LS: 361

Dated: 30-03-2023

GEO PHYSICAL BOREHOLE LOGGING REPORT

Site: Kalyanpur
Block: Rampur Sangramgarh
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 29-03-2023
Logging Depth: 278.0 m bgl
Rm - 12.0 Ω m Rw - 11.0 Ω m

Borehole 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 (meter)	Remark (Quality of Aquifer Water)
1.	20 - 26	06	Good
2.	30 - 42	12	Good
3.	51 - 58	07	Good
4.	96 - 103	07	Good to Moderate
5.	216 - 220	04	Good
6.	223 - 227	04	Good
7.	237 - 244	07	Good to Moderate

- Note: ~~1.~~ Fine bands of kankar are intermixed with almost all the zones.
~~2.~~ Zone Sl. No. 4 & 8 are highly intermixed with fine bands of kankar.
~~3.~~ Quality of ground water is deteriorating Marginal to Saline in between 142.0 to 205.0 & below 248.0 m bgl to till depth logged.
~~4.~~ Predominated Clay is present in depth range 205.0 to 210.0 m bgl.

Verified as per logs provided.

Gish
31/03/23

For Geo Instruments & Technic's

(Signature)
(S. Shukla)