

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: PJM:22-23:LS: 219

Dated: 25-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rajwapur
 Block: Kalakankar
 District: Pratapgarh
 State: Uttar Pradesh
 Date of Logging: 23-01-2023
 Logging Depth: 260.0 m bgl
 Rm -14.0 Ω m Rw -13.0 Ω m

Borehole Drilled by: M/s Power Mech Project Ltd., Pratapgarh, U.P. India.

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.	18 - 28	10	Good
2.	147 - 154	07	Moderate
3.	167 - 170	03	Moderate
4.	186 - 192	06	Good
5.	198 - 202	04	Good
6.	220 - 224	04	Good
7.	234 - 238	04	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 47.0 m bgl to 136.0 mbgl.
 3. Clay Kankar intercalation is present in depth range 136.0 to 144.0 m bgl.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)

G. Ch
 26/01/23