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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: 668
Dated: 23-10-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Tiwaripur
Block: Kalakankar
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 22-10-2023
Logging Depth: 264.0 m bgl
Rm – 13.0 Ω m Rw – 17.0 Ω m

Latitude: 25.75307 Longitude: 81.44382


Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh,
Uttar Pradesh, 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.	21 – 28	07	Good
2.	56 – 62	06	Good
3.	65 – 72	07	Good
4.	102 – 109	07	Good
5.	116 – 120	04	Good
6.	127 – 134	07	Good
7.	142 – 146	04	Good
8.	150 – 157	07	Good
9.	162 – 166	04	Good
10.	171 – 178	07	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating marginal to saline below 182.0 m bgl to till depth logged.

For Geo Instruments & Technic's


(S. Shukla)