



Tele Fax : +91-0522-246-5512(O)
Mob. : + 91 - 9415141232, 9554034123
E-mail : geo.instrument@outlook.com

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:23-24:LS: 797
Dated: 29-12-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Madwapur
Block: Kalakankar
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 28-12-2023
Logging Depth: 270.0 m bgl
Rm - 18.0 Ω m Rw - 17.0 Ω m

Borewell 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 (meters)	Remarks (Quality of aquifer water)
1.	21 - 25	04	Good
2.	32 - 39	07	Good
3.	82 - 92	10	Good
4.	96 - 100	04	Good to Moderate
5.	122 - 129	07	Moderate
6.	136 - 140	04	Moderate
7.	158 - 162	04	Good
8.	168 - 175	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 184.0 m bgl to till depth logged.
3. Zone Sl. No. 5, 6 & 8 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

(S. Shukla)

Regd. Office : V.V.I.P. Road, Near Pakri Ka Pul, Alambagh, Lucknow - 226 005