

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP23-24:LS: 556

Dated: 12-09-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Dewasa
Block: Shivgarh
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 11-09-2023
Logging Depth: 262.0 mbgl
Rm – 18.0 Ω m Rw – 23.0 Ω m

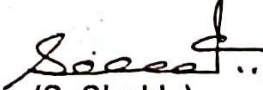
Borehole Drilled by: M/s KALPATRU Power Transmission Limited,
Pratapgarh, Uttar Pradesh, India.

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.	24 – 28	04	Moderate
2.	35 – 42	07	Moderate
3.	154 – 170	16	Moderate
4.	178 – 184	06	Moderate
5.	190 – 194	04	Moderate
6.	220 – 226	06	Moderate
7.	236 – 242	06	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 60.0 to 144.0 m bgl.
3. Predominated clay is present in depth range 144.0 to 153.0 m bgl.

For Geo Instruments & Technic's


(S. Shukla)