



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: PJM:24-25:LS: | |
Dated: 08-04-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mothin Tw - 02
Block: Rampur Sangramgarh
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 06-04-2024
Logging Depth: 304.0 m bgl
Rm - 13.5 Ω m Rw - 12.5 Ω m
Latitude: 25.8805130 Longitude: 81.6247880

Borehole Drilled by: M/s Power Mech Project Limited, 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.	18 - 22	04	Good
2.	26 - 33	07	Good
3.	40 - 47	07	Good
4.	72 - 76	04	Good
5.	101 - 109	08	Good
6.	154 - 158	04	Good
7.	160 - 164	04	Good
8.	170 - 177	07	Good
9.	181 - 185	04	Good
10.	189 - 193	04	Good
11.	198 - 202	04	Good
12.	209 - 213	04	Good
13.	218 - 221	03	Good
14.	226 - 232	06	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 4, 9 & 10 are fine sand & highly intermixed with fine bands of kankar.
3. Zone Sl. No. 8 is highly intermixed with fine bands of kankar.
4. Quality of ground water is deteriorating marginal to saline below 242.0 m bgl to till depth logged.
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

(S. Shukla)

