

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTON INDIA LTD - LUCKNOW

Ref.GIT:UP:23-24:LS: 726
Dated: 22-12-2023

GEO PHYSICAL BOREHOLE LOGGING REPORT

Site: Mothin Twp
Block: Rampur Sangramgarh
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 21-12-2023
Logging Depth: 301.0 m bgl
Rm - 14.0 Ω m R_w - 16.0 Ω m
Latitude: 25.8870660 Longitude: 81.6225730

Borewell Drilled By: M/s Power Moch 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.	26 - 33	07	Good
2.	39 - 46	07	Good
3.	84 - 88	04	Good
4.	97 - 101	04	Good
5.	108 - 113	05	Good
6.	128 - 134	06	Good
7.	144 - 148	04	Good
8.	156 - 160	04	Good
9.	166 - 169	03	Good
10.	174 - 181	07	Good
11.	206 - 210	04	Good to Moderate
12.	224 - 228	04	Moderate

- Note: 1. Fine bands of kankar are Intermixed with almost all the zones.
2. Zone Sl. No. 3 & 4 are highly Intermixed with fine bands of kankar.
3. Zone Sl. No. 3 is fine sand in nature.
4. Quality of ground water is deteriorating marginal to saline below 234.0 to till depth logged.
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

S. Shukla
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