

INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:22-23:LS: 281

Dated: 21-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Maharajapur
Block: Bihar
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 20-02-2023
Logging Depth: 268.0 m bgl
Rm - 20.0 Ω m Rw - 16.0 Ω m

Borehole Drilled by: M/s Power Mech Project Ltd., 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.	19 - 23	04	Good
2.	30 - 36	06	Good
3.	82 - 91	09	Good
4.	96 - 100	04	Good
5.	114 - 118	04	Moderate
6.	132 - 138	06	Moderate
7.	157 - 164	07	Good
8.	166 - 169	03	Good
9.	172 - 176	04	Good

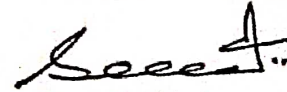
- Note: 1. Fine bands of kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 3 is highly intermixed with fine band of kankar.
3. Quality of ground water is deteriorating Marginal to Saline below 184.0 m bgl to till depth logged.
4. Predominated Clay is present in depth range 150.0 to 156.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

Note - SrNo 3-02-89 (7m)

G.S.H.
20/02/23

For Geo Instruments & Technic's


(S. Shukla)