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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole Logging system, UPTON INDIA LTD., LUCKNOW

Ref:GIT:UP;EJM:23-24;LS: 5 & 2
Dated: 07-08-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Tardha
Block: Patti
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 05-08-2023
Logging Depth: 275.0 m bgl
Rm - 14.5 Ω m Rw - 15.0 Ω m

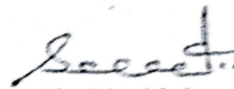
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh, U.P.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (L) 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 - 30	06	Good
2.	36 - 40	04	Good
3.	48 - 54	06	Good
4.	60 - 64	04	Good
5.	74 - 77	03	Moderate
6.	139 - 143	04	Moderate to Marginal
1.	158 - 165	07	Moderate to Marginal

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 4 is highly intermixed with fine bands of kankar.
3. Quality of Ground water is deteriorating marginal to saline below 175.0 m bgl to till depth logged.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)