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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: 22-23:LS: 287

Dated: 22-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Madipur
Block: Lalganj
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 21-02-2023
Logging Depth: 300.0 m bgl
Rm -72.0 Ωm Rw -56.0 Ωm

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.	22 - 32	10	Good
2.	192 - 198	06	Moderate
3.	202 - 206	04	Moderate
4.	214 - 220	06	Moderate
5.	224 - 230	06	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the Zones.
 2. Zone Sl. No.1 is highly intermixed with fine bands of kankar.
 3. Quality of ground water is deteriorating Marginal to Saline in between 44.0 to 184.0 & below 234.0 m bgl.
 4. Predominated Clay is present in depth range 184.0 188.m bgl.
 5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

GSh
23/02/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)