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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref.GIT:UP:23-24:LS: 277
Dated: 24-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Shivepur Khurd
Block: Mangraura
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 142.0 m bgl
Date of logging: 22-06-2023
Rm - 8.0 Qm Rw - 9.0 Qm

Borewell 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 (meters)	Remarks (Quality of aquifer water)
1.	28 - 32	04	Good
2.	38 - 45	07	Good
3.	66 - 70	04	Moderate
4.	74 - 78	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating marginal to saline below 86.0 m bgl to till depth logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per
logs provided

G.S.H.
24/06/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)