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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:23-24:LS: 276
Dated: 24-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Virauti & Ramkola
Block: Patti & Baba Belkarnathdham
District: Pratapgarh
State: Uttar Pradesh
Logging depth: ~~228.0 m bgl~~
Date of logging: ~~22-06-2023~~
Rm ~~-7.5 Ω m~~ Rw ~~-8.0 Ω m~~

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.	19 - 23	04	Good
2.	27 - 31	04	Good
3.	58 - 64	06	Good
4.	76 - 80	04	Good

- Note: ~~1. Fine bands of kankar are intermixed with almost all the zones.~~
~~2. Zone Sl. No. 4 is fine sand in nature.~~
~~3. Quality of ground water is deteriorating marginal to saline below 98.0 m bgl to till depth logged.~~
~~4. Please ensure pre-monsoon water level before lower the well assembly.~~

Verified as per logs provided

*GSh
22/06/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)