

# 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: 22-23:LS: 341

Dated: 22-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Dewapur  
 Block: Lalganj  
 District: Pratapgarh  
 State: Uttar Pradesh  
 Date of Logging: 22-03-2023  
 Logging Depth: 308.0 m bgl  
 Rm - 17.0 Qm Rw - 20.0 Qm

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.	26 - 29	03	Good
<del>2.</del>	33 - 40	07	Good
<del>3.</del>	46 - 50	04	Good
<del>4.</del>	53 - 60	07	Good

Note: 1. Very Fine bands of kankar are intermixed with almost all the Zones.

~~2.~~ Quality of ground water is deteriorating Marginal to Saline below 64.0 m bgl to till depth logged.

~~3.~~ Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla  
 (S. Shukla)

G.Sh  
 22/03/23