

Tele Fax : +91-0522-246-5512(O)  
Mob. : + 91 - 9415141232, 9554034123  
E-mail : geo.instrument@outlook.com

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: 23-24:LS: 565

Dated: 14-09-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sarsatpur T W - 2  
Block: Patti  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 14-09-2023  
Logging Depth: 290.0 m bgl  
Rm - 12.0  $\Omega$ m R<sub>w</sub> - 13.0  $\Omega$ m

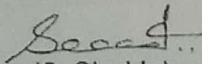
Borehole Drilled by: M/S Power Mech Project Limited, Pratapgarh,  
Uttar Pradesh, India.

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.	24 - 28	04	Good
2.	31 - 49	18	Good
3.	64 - 68	04	Moderate
4.	140 - 147	07	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of Ground water is deteriorating marginal to saline in between 74.0 to 116.0 and below 162.0 m bgl to till depth logged.  
3. Predominated clay is present in depth range 116.0 to 124.0 m bgl.  
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)