

# 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: ~~PJM~~:23-24:LS: 110

Dated: 08-05-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bhogapur**  
Block: **Laxmanpur**  
District: **Pratapgarh**  
State: **Uttar Pradesh**  
Logging Depth: **267.0 m bgl**  
Date of logging: **06-05-2023**  
Rm - 4.2 Qm Rw - 3.8 Qm

Borehole Drilled by: M/s KPTL 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)
<del>1.</del>	17 - 24	07	Good
<del>2.</del>	26 - 30	04	Moderate
3.	180 - 184	04	Moderate
4.	196 - 199	03	Moderate
<del>5.</del>	222 - 226	04	Moderate
<del>6.</del>	228 - 234	06	Moderate
<del>7.</del>	248 - 251	03	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 34.0 to 171.0 m bgl.

~~3.~~ Predominated clay is present in depth range between 171.0 to 176.0 m bgl.

~~4.~~ Please ensure pre-monsoon water level before lower the well assembly.

*Verified as per logs provided Note - S1, No 3 and 4 are highly intermixed with kankar*

For Geo Instruments & Technic's

*Sreed.*  
(S. Shukla)

*G. Ch  
09/05/23*