

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS:1K- 359

Dated: 31-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Domapur  
Block: Akhand Nagar  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 31-01-2023  
Drilling Depth: 276.0 m bgl  
Logging Depth: 276.0 m bgl  
Rm - 17.0  $\Omega$ m Rw - 17.5  $\Omega$ m

Borehole Drilled by: M/s VTL GAJA Engineering Ltd. Sultanpur, 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.	27 - 34	07	Good
2.	38 - 42	04	Moderate
3.	246 - 253	07	Moderate
4.	260 - 273	13	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zone Sl. No. 4 is highly intermixed with fine bands of kanakar.  
3. Quality of ground water is deteriorating Marginal to Saline in between 55.0 to 234.0 m bgl to till depth Logged.  
4. Predominated Clay is present in depth range 234.0 to 245.0 m bgl.  
5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per  
logs provided  
G.S.  
01/02/23

For Geo Instruments & Technic's

  
(S. Shukla)