

# Geo INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref.GIT:UP: PJM.23-24.LS: 61

Dated: 06-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Hasanpur Taini & Udari  
Block: Akhand Nagar  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 04-04-2023  
Drilling Depth: 270.0 m bgl  
Logging Depth: 259.0 m bgl  
Rm -8.0 Qm Rw -12.0 Qm

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)
<del>1.</del>	18 - 22	04	Good
<del>2.</del>	30 - 44	14	Good
<del>3.</del>	54 - 64	10	Good
<del>4.</del>	68 - 74	06	Good

- Note 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of ground water is deteriorating Marginal to Saline below 82.0 m bgl to till depth logged.  
3. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

Note. Sr No 3 - 56-64 (8m)  
Sr No 4 - 70-74 (4m)

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

G.Sh  
08/04/23