

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP: PJM:22-23:LS: 236

Dated: 30-05-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Uturi  
Block: Dubeypur  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 29-05-2022  
Drilling Depth: 400.0 m bgl  
Logging Depth: 384.0 m bgl  
Rm - 22.0  $\Omega$ m Rw - 19.0  $\Omega$ m

Borehole Drilled by: Millennium Infra, Sultanpur, Uttar Pradesh.

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 - 43	16	Good
2.	65 - 71	06	Good
3.	77 - 84	07	Good
4.	95 - 101	06	Good
5.	243 - 250	07	Moderate
6.	261 - 271	10	Moderate
7.	300 - 310	10	Moderate
8.	315 - 324	09	Good to Moderate
9.	370 - 380	10	Good to 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 110.0 to 225.0 m bgl.

Verified as per logs provided.

G. K. GEOL. EXPERT  
20/05/2022  
U.P. JAL NIGAM (KURAI)  
PRAYAG

For Geo Instruments & Technic's

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