

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

Ref:GIT:UP: PJM:23-24:LS: **K-96**  
Dated: 10-08-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sahadatpur  
Block: Jaisinghpur  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 08-08-2023  
Drilling Depth: 165.0m bgl  
Logging Depth: 165.0 m bgl  
Rm - 10.0  $\Omega$ m Rw - 12.5  $\Omega$ m

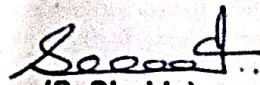
Borehole Drilled by: M/s VTL GAJA Engineering Limited, Sultanpur,  
Uttar Pradesh, India.

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.	18 - 25	07	Good
2.	30 - 40	10	Good
3.	46 - 50	04	Good
4.	55 - 59	04	Good
5.	73 - 80	07	Good
6.	93 - 97	04	Good
7.	103 - 110	07	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 1 & 3 are highly intermixed with fine bands of kankar.  
3. Quality of Ground water is deteriorating marginal to saline below 125.0 m bgl to till depth logged.

For Geo Instruments & Technic's

  
(S. Shukla)