

# 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:22-23:LS:1K- 551

Dated: 19-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Thariya Kalan**  
Block: **Bhiti**  
District: **Ambedkar Nagar**  
State: **Uttar Pradesh**  
Date of Logging: **17-02-2023**  
Drilling Depth: **170.0 m bgl**  
Logging Depth: **160.0 m bgl**  
Rm - **17.5  $\Omega$ m** Rw - **16.5  $\Omega$ m**

Borehole Drilled by: M/s VTL GAJA Engineering Ltd. Ambedkar Nagar,  
U.P. 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>	22 - 26	04	Good
<del>2.</del>	32 - 36	04	Good
<del>3.</del>	40 - 50	10	Good
<del>4.</del>	56 - 66	10	Good
<del>5.</del>	70 - 74	04	Good
<del>6.</del>	86 - 90	04	Good
<del>7.</del>	102 - 112	10	Good
8.	154 - 158	04	Good

Note: ~~1. Zone Sl. No. 4 is highly intermixed with fine bands of kankar.~~  
~~2. Zone Sl. No. 8 is highly kankar intermixed.~~

For Geo Instruments & Technic's

Verified as per  
logs provided.

*S. Shukla*  
(S. Shukla)

G.Sh  
20/02/23