

# 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: 399

Dated: 10-05-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Basti Paharpur  
Block: Akhand Nagar  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 08-05-2023  
Drilling Depth: 275.0 m bgl  
Logging Depth: 256.0 m bgl  
Rm - 15.0  $\Omega$ m Rw - 13.0  $\Omega$ 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.	29 - 39	10	Good
2.	57 - 61	04	Good
3.	84 - 91	07	Good
4.	94 - 104	10	Good
6.	107 - 117	10	Good
7.	124 - 131	07	Good
8.	138 - 148	10	Good

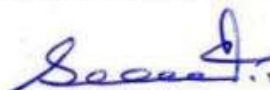
Note: 1. Fine bands of kankar are intermixed with almost all the zones.

3. Zones Sl. No. 6 & 8 are highly intermixed with fine bands of kankar.

Verified as per  
logs provided

G.Sh  
10/05/23

For Geo Instruments & Technic's

  
(S. Shukla)