

# 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: **746**

Dated: 13-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bada Gaon**  
Block: **Lambhua**  
District: **Sultanpur**  
State: **Uttar Pradesh**  
Date of Logging: **12-06-2023**  
Drilling Depth: **300.0 m bgl**  
Logging Depth: **298.0 m bgl**  
Rm - **12.00m** Rw - **14.00m**

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.	15 - 19	04	Good
2.	26 - 30	04	Good
3.	35 - 45	10	Good
4.	48 - 55	07	Good
5.	75 - 85	10	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 95.0 m bgl to till depth logged.

3. Please ensure pre-monsoon water level before lower the well assembly.

*Verified as per logs provided*

*G.Sh  
13/06/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)