

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: 19

Dated: 03-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Muradabad**
Block: **Akhand Nagar**
District: **Sultanpur**
State: **Uttar Pradesh**
Date of Logging: **01-04-2023**
Drilling Depth: **265.0 m bgl**
Logging Depth: **262.0m bgl**
Rm - **10.00m** Rw - **12.00m**

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.	28 - 34	06	Good
2.	38 - 42	04	Good
3.	46 - 50	04	Good
4.	56 - 66	10	Good
5.	68 - 72	04	Good
6.	84 - 90	06	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 96.0 m bgl to till depth logged.

86-90
(4m)

Verified as per
logs provided

G.Sh
05/04/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)