

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

Authorised Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW.

Ref:GIT:UP: PJM:22-23:LS:1K- 211

Dated: 16-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Misirpur Dhekaha**
Block: **Akhand Nagar**
District: **Sultanpur**
State: **Uttar Pradesh**
Date of Logging: **13-01-2023**
Drilling Depth: **275.0 m bgl**
Logging Depth: **271.0 m bgl**
Rm - **18.0 ~~Om~~** Rw - **21.0 ~~Om~~**

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.	22 - 32	10	Good
2.	38 - 42	04	Good
3.	249 - 253	04	Good
4.	257 - 264	07	Good
5.	267 - 270	03	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 4 is highly intermixed with fine bands of Kankar.
3. Zone Sl. No. 3 is fine sand in nature.
4. Quality of ground water is deteriorating Marginal to Saline in between 56.0 to 235.0m bgl to till depth Logged.
5. Predominated Clay is present in depth range 235.0 to 240.0 m bgl.
6. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

*GSh
16/01/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)