

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:K- 407

Dated: 01-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Nakataha**
Block: **Katehari**
District: **Ambedkar Nagar**
State: **Uttar Pradesh**
Date of Logging: **01-11-2023**
Drilling Depth: **165.0 m bgl**
Logging Depth: **161.0 m bgl**
Rm – **14.0 Ωm** Rw – **14.0 Ωm**

Latitude: **26.515026**

Longitude: **82.445136**

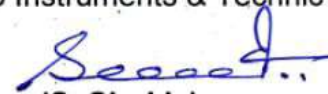
Borehole Drilled by: **M/s VTL GAJA Engineering Ltd. Ambedkar Nagar, U. P.**

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.	20 – 24	04	Good
2.	29 – 35	06	Good
3.	50 – 54	04	Good
4.	56 – 63	07	Good
5.	82 – 89	07	Good
6.	105 – 109	04	Good
7.	111 – 123	12	Good
8.	131 – 138	07	Good
9.	141 – 148	07	Good
10.	153 – 156	03	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 4 & 8 are highly Intermixed with fine bands of kankar.
3. Zone Sl. No. 6 is fine sand in nature.
4. Zone Sl. No.10 is fine sand in nature & highly kankar intermixed.

For Geo Instruments & Technic's


(S. Shukla)