

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:22-23:LS:1K-97

Dated: 04-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Masuran**
Block: **Akhand Nagar**
District: **Sultanpur**
State: **Uttar Pradesh**
Date of Logging: **03-01-2023**
Drilling Depth: **280.0 m bgl**
Logging Depth: **265.0 m bgl**
Rm - **22.0 Ω m** Rw - **21.0 Ω 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 - 33	04	Good
2.	42 - 48	06	Good
3.	84 - 90	06	Good
4.	99 - 103	04	Good
5.	105 - 112	07	Good
6.	124 - 130	06	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zone Sl. No. 2 and 5 are highly intermixed with Kankar.

3. Quality of Ground water is deteriorating Marginal to Saline below 136.0 m bgl to till depth logged.

Verified as per logs provided.
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GSh
05/01/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)