

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: 327

Dated: 30-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Shahpur Firojpur**
Block: **Jalalpur**
District: **Ambedkar Nagar**
State: **Uttar Pradesh**
Date of Logging: **28-04-2023**
Drilling Depth: **170.0 m bgl**
Logging Depth: **165.0 m bgl**
Rm - **15.0 Ω m** Rw - **17.0 Ω m**

Borehole Drilled by: M/s VTL GAJA Engineering Pvt. Ltd., Ambedkar Nagar, Uttar Pradesh.

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.	18 - 22	04	Good
2.	34 - 41	07	Good
3.	46 - 50	04	Good
4.	54 - 57	03	Good
5.	62 - 66	04	Good
6.	120 - 130	10	Good
7.	141 - 145	04	Good
8.	156 - 160	04	Marginal

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zones Sl. No. 2 & 6 are highly intermixed with fine bands of kankar.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G&H
02/05/23