

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT-UP: PJM:22-23:LS:1K- 344

Dated: 29-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Darsauli
Block: Motigarpur
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 28-01-2023
Drilling Depth: 175.0 m bgl

Logging Dep th: 170.0 m bgl
Rm - 18.0 m R_w - 15.0 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.	20 - 24	04	Good
2.	30 - 34	04	Good
3.	40 - 47	07	Good
4.	60 - 66	06	Good to Moderate
5.	72 - 75	03	Moderate
6.	89 - 93	04	Good
7.	100 - 106	06	Moderate

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

2. Zone Sl. No. 4 is highly intermixed with kankar.

3. Quality of ground water is deteriorating Marginal to Saline below 112 m bgl till depth logged

4. Clay and Kankar intercalation is present in depth range 81.0 to 86.0 m bgl.

5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

*GSh
30/01/23*