

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: 398

Dated: 10-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Gaura
Block: Sadat
District: Ghazipur
State: Uttar Pradesh
Date of Logging: 07-05-2023
Drilling depth: 340.0 m bgl
Logging Depth: 330.0 m bgl
Rm - 15.0 Ω m Rw - 12.0 Ω m

Borehole Drilled by: M/s VSAIPPL, Ghazipur, Uttar Pradesh, India.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-84") and Lateral (6") geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	31 - 35	04	Good
2.	37 - 46	09	Good
3.	58 - 62	04	Good
4.	67 - 74	07	Good
5.	77 - 84	07	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. Quality of ground water is deteriorating marginal to saline below 90.0 m bgl to till depth logged.

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

Verified as per logs provided
C. Shukla
10/05/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)