

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS:1K-266

Dated: 21-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Hamjabad
Block: Motigarpur
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 18-01-2023
Drilling Depth: 170.0 m bgl
Logging Depth: 154.0 m bgl
Rm - 25.0 Ω m Rw - 27.0 Ω m

Borehole Drilled by: M/s VTL GAJA Engineering Ltd. Sultanpur, U.P. India.

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.	22 - 32	10	Good
2.	35 - 41	06	Good
3.	66 - 72	06	Good
4.	87 - 91	04	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Quality of ground water is deteriorating Marginal to Saline below 102.0 m bgl to till depth Logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

*Verified as per logs provided
G.S.H.
23/01/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)