

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: 577

Dated: 25-09-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Heeradharpur**
Block: **Sadat**
District: **Ghazipur**
State: **Uttar Pradesh**
Date of Logging: **24-09-2022**
Drilling depth: **330.0 m bgl**
Logging Depth: **208.0 m bgl**
Rm – **13.0 Ω m** Rw – **12.0 Ω m**

Borehole Drilled by: **VSA IPPL, Ghazipur, Uttar Pradesh, 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 (meters)	Remarks (Quality of aquifer water)
1.	24 – 31	07	Good
2.	63 – 73	10	Good
3.	77 – 84	07	Good
4.	103 – 110	07	Moderate

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Quality of Ground Water is deteriorating Marginal to Saline below 128.0 m bgl to till depth logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

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For Geo Instruments & Technic's

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