

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP: PJM:22-23:LS: 285

Dated: 10-06-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Khargeshipur**
Block: **Zamaniya**
District: **Ghazipur**
State: **Uttar Pradesh**
Date of Logging: **10-06-2022**
Drilling depth: **170.0 m bgl**
Logging Depth: **160.0 m bgl**
Rm - ~~08.0 Ωm~~ Rw - ~~10.0 Ωm~~

Borehole Drilled by: **L & T Limited, 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.	32 - 36	04	Good
2.	45 - 56	11	Good
3.	65 - 68	03	Good
4.	75 - 79	04	Good
5.	100 - 108	08	Good
6.	124 - 128	04	Good
7.	144 - 154	10	Good

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

2. Zones Sl. No. 3 to 5 are Fine to Medium Sand in nature.

Verified as per logs provided.

For Geo Instruments & Technic's

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12/1/2022
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