

# 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:23-24:LS: 187

Dated: 17-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kasara**  
Block: **Kopaganj**  
District: **Mau**  
State: **Uttar Pradesh**  
Date of Logging: **17-04-2023**  
Logging Depth: **186.0 m bgl**  
Rm - **16.0  $\Omega$ m** Rw - **14.0  $\Omega$ m**

Borehole Drilled by: M/s L.C. Infra, Mau, 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 (meter)	Remark (Quality of Aquifer Water)
<del>1.</del>	36 - 43	07	Good
<del>2.</del>	48 - 52	04	Good
<del>3.</del>	56 - 66	10	Good
<del>4.</del>	128 - 134	06	Good
<del>5.</del>	136 - 140	04	Good
<del>6.</del>	151 - 158	07	Good to Moderate

- Note: ~~1.~~ Fine bands of kankar are intermixed with almost all the zones.  
~~2.~~ Zones Sl. No. 6 is highly intermixed with fine bands of kankar.  
~~3.~~ Quality of ground water is deteriorating Marginal to Saline below 162.0 m bgl to till depth logged.

*Verified as per logs provided*

For Geo Instruments & Technic's

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(S. Shukla)

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19/04/23*