

# 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:1K- **236**  
Dated: 18-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Nedula**  
Block: **Parasrampur**  
District: **Basti**  
State: **Uttar Pradesh**  
Drilling Depth: **135.0 m bgl**  
Logging Depth: **133.0 m bgl**  
Date of logging: **18-01-2023**  
Rm - **13.0  $\Omega$ m** Rw - **16.0  $\Omega$ m**

Borehole Drilled by: M/s MEIL Limited, Basti, Uttar Pradesh.

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>	18 - 22	04	Good
<del>2.</del>	30 - 35	05	Good
<del>3.</del>	38 - 42	04	Good
<del>4.</del>	45 - 60	15	Good
<del>5.</del>	63 - 66	03	Good
<del>6.</del>	71 - 75	04	Good
<del>7.</del>	83 - 90	07	Good
<del>8.</del>	120 - 130	10	Good

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

**2. Zone Sl. No. 3 & 4 are highly intermixed with very thin bands of Kankar.**

*Verified as per logs provided.*

*G.Sh  
19/01/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)