

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS: 437

Dated: 28-07-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Samsathpur**  
Block: **Basti**  
District: **Basti**  
State: **Uttar Pradesh**  
Date of Logging: **28-07-2022**  
Drilling Depth: **140.0 m bgl**  
Logging Depth: **135.0 m bgl**  
Rm - **18.0  $\Omega$ m** Rw - **16.0  $\Omega$ m**

Borehole Drilled by: M/s MEIL, Basti, 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)
1.	20 - 24	04	Good
<del>2.</del>	35 - 45	10	Good
<del>3.</del>	56 - 70	14	Good
<del>4.</del>	79 - 89	10	Good
<del>5.</del>	94 - 105	11	Good
<del>6.</del>	117 - 121	04	Good

Note: Very Fine bands of Kankar are intermixed with Zone Sl. No. 2.

For Geo Instruments & Technic's

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(S. Shukla)

*Verified as per logs provided.*

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