

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP:22-23:LS: 866  
Dated: 07-12-2022

## GEO PHYSICAL BOREHOLE LOGGING REPORT

Site: Rakhma  
Block: Bahadurpur  
District: Basti  
State: Uttar Pradesh  
Drilling depth: 138.0 m bgl  
Logging depth: 130.0 m bgl  
Date of logging: 07-12-2022  
Rm - 21.0  $\Omega$ m Rw - 34.0  $\Omega$ m

Borewell Drilled By: M/s MEIL, 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 (metre)	Remarks (Quality of aquifer water)
<del>1.</del>	30 - 34	04	Good
<del>2.</del>	40 - 47	07	Good
<del>3.</del>	57 - 63	06	Good
<del>4.</del>	67 - 77	10	Good
<del>5.</del>	83 - 90	07	Good
<del>6.</del>	96 - 100	04	Good
<del>7.</del>	126 - 130	04	Good

Note: 1. Very Fine bands of Kankar are intermixed with Zones Sl. No. 5 to 7.  
2. Zones Sl. No. 2 to 4 are highly intermixed with fine bands of Kankar.

*Verified as per logs provided*

*GSL  
08/12/22*

For Geo Instruments & Technic's

*(S. Shukla)*