

# 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:22-23:LS: 01  
Dated: 01-04-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Arakpur  
Block: Hata  
District: Kushinagar  
State: Uttar Pradesh  
Drilling depth: 160.0 m bgl  
Logging depth: 158.0 m bgl  
Date of logging: 01-04-2022  
Rm - 24.0  $\Omega$ m Rw - 20.0  $\Omega$ m

Borewell Drilled By: NCC Limited, Kushinagar, 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:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
<del>1.</del>	25 - 37	12	Good
<del>2.</del>	45 - 48	03	Good
<del>3.</del>	57 - 62	05	Good
<del>4.</del>	72 - 76	04	Good
<del>5.</del>	80 - 87	07	Good
6.	95 - 105	10	Good
<del>7.</del>	110 - 120	10	Good
<del>8.</del>	123 - 127	04	Good
<del>9.</del>	135 - 138	03	Good
<del>10.</del>	150 - 157	07	Good

Note: 1. Zones Sl. No. 4 and 9 are Fine Sand in nature.

2. Fine Bands of Kankar are intermixed with almost all the Zones.

*Verified as per logs provided.  
Note - Sr No 6 - highly intermixed with fine bands of kankar*

For Geo Instruments & Technic's

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