

# 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:1K- 786

Dated: 26-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jamuni Barma  
Block: Kaptanganj  
District: Kushinagar  
State: Uttar Pradesh  
Drilling Depth: 180.0 m bgl  
Logging Depth: 176.0m bgl  
Date of logging: 25-03-2023  
Rm - 24.0  $\Omega$ m Rw - 21.0  $\Omega$ m

Borehole Drilled by: M/s NCC Ltd., Kushinagar, 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>	17 - 21	04	Good
<del>2.</del>	35 - 39	04	Good
<del>3.</del>	52 - 56	04	Good
<del>4.</del>	62 - 69	07	Good
<del>5.</del>	84 - 88	04	Good
<del>6.</del>	98 - 105	07	Good
<del>7.</del>	115 - 125	10	Good
<del>8.</del>	130 - 133	03	Good
<del>9.</del>	144 - 154	10	Good

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

2. Zone Sl. No. 04, 06 & 09 are highly intermixed with fine bands of Kankar.

*Verified as per logs provided*

For Geo-Instruments & Technic's

*(S. Shukla)*

*D/24/04*

*GeI  
27/03/23*