

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:PJM:23-24:LS: 440  
 Dated: 13-05-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rampur Buzurg  
 Block: Hata  
 District: Kushi Nagar  
 State: Uttar Pradesh  
 Drilling depth: 175.0 m bgl  
 Logging depth: 173.0 m bgl  
 Date of logging: 13-05-2023  
 Rm - 24.0 cm Rw - 25.0 cm

Borewell Drilled By: M/s NCC Limited, Kushi Nagar, 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 (meters)	Remarks (Quality of aquifer water)
<del>1.</del>	27 - 36	09	Good
<del>2.</del>	40 - 44	04	Good
<del>3.</del>	48 - 52	04	Good
<del>4.</del>	55 - 59	04	Good
5.	72 - 76	04	Good
<del>6.</del>	94 - 98	04	Good
<del>7.</del>	101 - 111	10	Good
<del>8.</del>	125 - 132	07	Good
<del>9.</del>	136 - 142	06	Good
<del>10.</del>	146 - 156	10	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
 2. Zones Sl. No. 2, 3, 5 & 9 & are highly intermixed with fine bands of kankar.

*Verified as per logs provided.*

For Geo Instruments & Technic's

*S. Shukla*  
 (S. Shukla)

*G. C. S. 23  
 13/05/23*