

# 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: PJM:24-25:LS: 87

Dated: 15-06-2024

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Nirahukapura**  
Block: **Bhadawra**  
District: **Ghazipur**  
State: **Uttar Pradesh**  
Date of Logging: **15-06-2024**  
Drilling Depth: **210.0 mbgl**  
Logging Depth: **200.0 mbgl**  
Rm -**12.0Ωm** Rw**14.0Ωm**

Latitude: **25.411982** Longitude: **83.660042**

Borehole Drilled by: M/s Zetwork, Pvt. Ltd, Ghazipur, Uttar Pradesh.

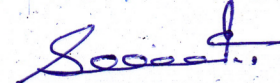
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16'')**, **Long Normal (N-64'')** and **Lateral 6'** Geophysical Logs, following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	36 - 42	06	Good
2.	45 - 49	04	Good
3.	52 - 58	06	Good
4.	62 - 68	06	Good
5.	72 - 76	04	Good
6.	90 - 94	04	Good
7.	103 - 107	04	Good
8.	111 - 114	03	Good
9.	118 - 131	13	Good
10.	139 - 143	04	Good
11.	152 - 156	04	Good
12.	159 - 166	07	Good
13.	175 - 184	09	Good
14.	188 - 195	07	Good

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

2. Zones Sl. No. 6, 7 & 14 are highly intermixed with thin bands of kankar

For Geo Instruments & Technic's

  
(S. Shukla)