

# 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:23-24:LS: 889  
Dated: 28-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Lakhniyapur**  
Block: **Sakran**  
District: **Sitapur**  
State: **Uttar Pradesh**  
Drilling depth: **165.0 m bgl**  
Logging depth: **155.0 m bgl**  
Date of logging: **27-06-2023**  
Rm **-9.6 Ωm** Rw **-11.0 Ωm**

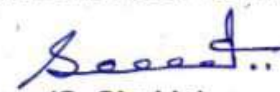
Borewell Drilled By: M/s NCC Limited., Sitapur, U.P., India.

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 (meters)	Remarks (Quality of aquifer water)
1.	22 – 26	04	Good
2.	37 – 47	10	Good
3.	51 – 55	04	Good
4.	59 – 66	07	Good
5.	75 – 79	04	Good
6.	94 – 98	04	Good
7.	101 – 108	07	Good
8.	110 – 114	04	Good
9.	121 – 125	04	Good
10.	129 – 133	04	Good
11.	152 – 155	03	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zones Sl. No. 2 & 7 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

  
(S. Shukla)