

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:22-23:LS:1K- 7/7

Dated: 07-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Katerganj**
Block: **Mohali**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **170.0 m bgl**
Logging Depth: **162.0 m bgl**
Date of logging: **06-03-2023**
Rm - ~~8.2 Ω m~~ Rw - ~~2.3 Ω m~~

Borehole Drilled by: M/s NCC Limited, Sitapur, 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.	16 - 20	04	Good
2.	26 - 32	06	Good
3.	39 - 45	06	Good
4.	60 - 70	10	Good
5.	80 - 84	04	Good
6.	94 - 98	04	Good
7.	114 - 121	07	Good
8.	125 - 132	07	Good
9.	148 - 155	07	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 1, 6 & 9 are highly intermixed with fine bands of kankar.

Verified as per logs provided.

*Note: Sr No 8
127-132 (5m)*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

*G. Chy
10/03/23*