

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP: PJM:22-23:LS:1K- 194
Dated: 13-01-2023

GEO PHYSICAL BOREHOLE LOGGING REPORT

Site: **Chithala**
Block: **Mahoali**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **170.0 m bgl**
Logging Depth: **163.0 m bgl 158**
Date of logging: **13-01-2023**
Rm - **32.0 Ω m** Rw - **40.0 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.	17 - 21	04	Good
2.	25 - 35	10	Good
3.	42 - 54	12	Good
4.	57 - 60	03	Good
5.	65 - 71	06	Good
6.	83 - 90	07	Good
7.	101 - 108	07	Good
8.	120 - 127	07	Good
9.	132 - 136	04	Good
(10)	155 - 158	03	Good

Note: 1. Fine bands of Kankar are intermixed with Zones Sl. No. 4 to 10.
2. Zone Sl. No. 10 is fine to medium sand in nature.

*Verified as per
logs provided.*

*G Sh
14/01/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)