

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:23-24:LS: 552

Dated: 26-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Taukalpur & Kamlapur**
Block: **Gondlamau**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **160.0 m bgl**
Logging Depth: **152.0 m bgl**
Date of logging: **25-05-2023**
Rm - **18.0 Ω m** Rw - **20.0 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.	16 - 23	07	Good
2.	30 - 36	06	Good
3.	39 - 50	11	Good
4.	60 - 64	04	Good
5.	74 - 78	04	Good
6.	80 - 87	07	Good
7.	102 - 115	13	Good
8.	129 - 136	07	Good
9.	145 - 152	07	Good

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

2. Zone Sl. No. 5, 7 & 9 are highly intermixed with fine bands of kankar.

Verified as per logs provided.

For Geo Instruments & Technic's

Note - SrNO 3- 39-49 (10m) *S. Shukla*

SrNO 6- 80-86 (6m)

*G.Sh
26/05/23*