

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- **743**

Dated: 20-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Mahataniya**
Block: **Pisawan**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **165.0 m bgl**
Logging Depth: **162.0 m bgl**
Date of logging: **19-03-2023**
Rm - ~~14.0 Ω m~~ Rw - ~~12.0 Ω m~~

Borehole Drilled by: M/s **NCC Limited, Sitapur, Uttar Pradesh.**

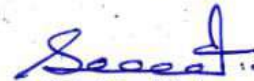
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16'')**, **Long Normal (N-64'')** and **Lateral 6'** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	16 - 26	10	Good
2.	44 - 53	09	Good
3.	56 - 63	07	Good
4.	73 - 80	07	Good
5.	83 - 87	04	Good
6.	93 - 100	07	Good
7.	104 - 114	10	Good
8.	128 - 138	10	Good
9.	142 - 146	04	Good

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

2. Zone Sl. No. 8 is highly intermixed with fine band of kankar.

For Geo Instruments & Technic's


(S. Shukla)

74-78 (um)
Verified as per logs provided.

*G.Sh
20/03/23*