

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- 109

Dated: 05-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Khatualiya**
Block: **Pisawan**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **170.0 m bgl**
Logging Depth: **166.0 m bgl**
Date of logging: **05-01-2023**
Rm - **12.0 Ω m** Rw - **14.0 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.	20 - 24	04	Good
2.	43 - 50	07	Good
3.	56 - 65	09	Good
4.	72 - 82	10	Good
(5.)	86 - 90	04	Good
6.	96 - 100	04	Good
7.	119 - 122	03	Good
8.	125 - 140	15	Good
9.	151 - 154	04	Good
10.	158 - 165	07	Good

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

~~2.~~ Zone Sl. No. 4 is highly intermixed with fine band of Kankar.

~~3.~~ Zone Sl. No. 9 is medium sand in nature.

*Verified as per logs provided.
Note - Sr No 5 - have finer sediments*

*G.Sh
06/01/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)