

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- 500

Dated: 15-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Hariharpur**
Block: **Rampur Mathura**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **170.0 m bgl**
Logging Depth: **168.0 m bgl**
Date of logging: **14-02-2023**
Rm - **14.0 Ω m** Rw - **10.0 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 - 20	04	Good
2.	40 - 47	07	Good
3.	52 - 62	10	Good
4.	73 - 80	07	Good
5.	100 - 104	04	Good
6.	118 - 125	07	Good
7.	131 - 135	04	Good
8.	138 - 145	07	Good
9.	154 - 158	04	Good
10.	161 - 165	04	Good

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

2. Zone Sl. No. 5 & 8 are highly intermixed with fine band of kankar.

Verified as per logs provided
G.I.T.
15/02/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)