

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-602

Dated: 23-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Samda**
Block: **Rampur Mauthra**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **170.0 m bgl**
Logging Depth: **158.0 m bgl**
Date of logging: **22-02-2023**
Rm - **11.0 Om** Rw - **13.0 Om**

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.	24 - 30	06	Good
2.	39 - 49	10	Good
3.	54 - 60	06	Good
4.	71 - 78	07	Good
5.	114 - 118	04	Good
6.	127 - 130	03	Good
7.	146 - 156	10	Good

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

2. **Zone Sl. No. 6 & 7 are highly intermixed with fine bands of kankar.**

Verified as per logs provided

*Gish
24/02/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)