

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: 329

Dated: 30-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Thana Patti**
Block: **Kasmanda**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **175.0 m bgl**
Logging Depth: **156.0 m bgl**
Date of logging: **27-04-2023**
Rm - **29.0 Ωm** Rw - **30.0 Ωm**

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.	22 - 26	04	Good
2.	38 - 42	04	Good
3.	52 - 56	04	Good
4.	85 - 94	09	Good
5.	104 - 108	04	Good
6.	117 - 124	07	Good
7.	145 - 152	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 1 & 4 are highly intermixed with fine bands of kankar.

Verified as per logs provided

*G.Sh
01/05/23*

For Geo Instruments & Technic's

S. Shukla
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