

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- **463**

Dated: 10-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Nimchaina**
Block: **Maholi**
District: **Sitapur**
State: **Uttar Pradesh**
Date of Logging: **09-02-2023**
Drilling depth: **175.0 m bgl**
Logging Depth: **170.0 m bgl**
Rm - **40.0 Ωm** Rw - **34.0 Ωm**

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

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 (meters)	Remarks (Quality of aquifer water)
1.	25 - 35	10	Good
2.	45 - 60	15	Good
3.	89 - 93	04	Good
4.	97 - 104	07	Good
5.	120 - 133	13	Good
6.	146 - 150	04	Good
7.	160 - 164	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 5 is highly intermixed with fine bands of kankar.

Verified as per logs provided.
GSH
13/02/23

For Geo Instruments & Technic's

S. Shukla
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