

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- 144

Dated: 10-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Fakharpur**
Block: **Pisawan**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **180.0 m bgl**
Logging Depth: **180.0 m bgl**
Date of logging: **09-01-2023**
Rm - **27.0 Ω m** Rw - **50.8 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.	22 - 26	04	Good
2.	34 - 41	07	Good
3.	48 - 67	19	Good
4.	75 - 79	04	Good
5.	85 - 89	04	Good
6.	94 - 98	04	Good
7.	105 - 118	13	Good
8.	130 - 134	04	Good
9.	137 - 141	04	Good
10.	147 157 - 154	07	Good
11.	175 - 179	04	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 10 is highly intermixed with thin bands of Kankar.

Verified as per logs provided.

*GSh
10/01/23*

For Geo Instruments & Technic's

S. Shukla
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