

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS:1K- **179**

Dated: 12-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Tandwa**
Block: **Fatehpur**
District: **Barabanki**
State: **Uttar Pradesh**
Date of Logging: **12-01-2023**
Drilling Depth: **175.0 m bgl**
Logging Depth: **168.0 m bgl**
Rm - **18.0 Ω m** Rw - **19.0 Ω m**

Borehole Drilled by: M/s PNC Infratech Pvt. Ltd, Barabanki, 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.	20 - 27	07	Good
2.	35 - 41	06	Good
3.	54 - 60	06	Good
4.	65 - 69	04	Good
5.	82 - 86	04	Good
6.	92 - 95	03	Good
7.	106 - 110	04	Good
8.	121 - 127	06	Good
9.	148 - 155	07	Good
10.	159 - 166	07	Good

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

2. Zone Sl. No. 2, 5 and 7 are highly intermixed with kankar.

Verified as per logs provided.
Note - Sr No 10 - 162-166 (4m)
GSh
12/01/23

For Geo Instruments & Technic's

Sreed.
(S. Shukla)