

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: 215

Dated: 19-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Shahab Pur**
Block: **Banki**
District: **Barabanki**
State: **Uttar Pradesh**
Date of Logging: **18-04-2023**
Logging Depth: **165.0 m bgl**
Drilling Depth: **126.0 m bgl**
Rm - **21.0 Ω m** Rw - **16.0 Ω m**

Borehole Drilled by: M/s PNC infratech Ltd., Barabanki, U.P., 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 (meter)	Remark (Quality of Aquifer Water)
1.	19 - 25	06	Good
2.	36 - 46	10	Good
3.	50 - 54	04	Good
4.	64 - 71	07	Good
5.	74 - 81	07	Good
6.	85 - 88	03	Good
7.	94 - 98	04	Good
8.	106 - 113	07	Good
9.	120 - 124	04	Good

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

2. Zones Sl. No. 2, 7 & 9 are highly intermixed with fine bands of kankar.

Verified as per logs provided

*G. Shukla
20/04/23*

For Geo Instruments & Technic's

S. Shukla
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