

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS:1K- 719

Dated: 11-03-2023

GEO PHYSICAL BOREHOLE LOGGING REPORT

Site: **Bramhau Kalan**
Block: **Pisawan**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **170.0 m bgl**
Logging Depth: **165.0 m bgl**
Date of logging: **11-03-2023**
Rm - **25.0 Ω m** Rw - **27.0 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.	21 - 27	06	Good
2.	36 - 40	04	Good
3.	47 - 54	07	Good
4.	60 - 64	04	Good
5.	75 - 91	16	Good
6.	103 - 110	07	Good
7.	124 - 131	07	Good
8.	140 - 144	04	Good
9.	147 - 160	13	Good

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

2. Zone Sl. No. 3, 5 & 8 are highly intermixed with fine bands of kankar.

3. Zone Sl. No. 9 is highly intermixed with very fine bands of kankar.

Finer sediments

Verified as per logs provided.

*G.S.H
22/03/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)