

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- 107

Dated: 05-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Banni Shahpur**
Block: **Parsendi**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **175.0 m bgl**
Logging Depth: **166.0 m bgl**
Date of logging: **05-01-2023**
Rm - **26.0 Ω m** Rw - **25.0 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.	20 - 27	07	Good
2.	41 - 50	09	Good
3.	54 - 57	03	Good
4.	60 - 67	07	Good
5.	70 - 73	03	Good
6.	81 - 85	04	Good
7.	91 - 103	12	Good
8.	116 - 122	06	Good
9.	130 - 137	07	Good
10.	144 - 147	03	Good
11.	153 - 160	07	Good
12.	163 - 166	03	Good

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

2. Zone Sl. No. 5 & 10 are fine to medium sand in Nature.

Verified as per logs provided.

*GCh
05/01/23*

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Sreed.
(S. Shukla)