

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: 295

Dated: 28-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Baniyani**
Block: **Sidhauli**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **173.0 m bgl**
Logging Depth: **160.0 m bgl**
Date of logging: **27-04-2023**
Rm - **17.5 Ωm** Rw - **16.0 Ωm**

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.	23 - 30	07	Good
2.	40 - 47	07	Good
3.	56 - 66	10	Good
4.	74 - 78	04	Good
5.	82 - 92	10	Good
6.	100 - 107	07	Good
7.	114 - 118	04	Good
8.	124 - 131	07	Good
9.	134 - 144	10	Good

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

2. Zone Sl. No. 3, 6, 9 are highly intermixed with fine bands of kankar.

Verified after
logs provided
Note: Sr No 5-84-92
(8m)

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G. S. S.
28/04/23