

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:23-24:LS: 551

Dated: 26-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Dudhara**
Block: **Parsendi**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **150.0 m bgl**
Logging Depth: **144.0 m bgl**
Date of logging: **25-05-2023**
Rm – **19.0 Ω m** Rw – **20.0 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.	18 – 22	04	Good
2.	31 – 35	04	Good
3.	40 – 44	04	Good
4.	48 – 55	07	Good
5.	74 – 78	04	Good
6.	83 – 87	04	Good
7.	92 – 96	04	Good
8.	104 – 108	04	Good
9.	137 – 144	07	Good

Note: **Fine bands of Kankar are intermixed with almost all the zones.**

For Geo Instruments & Technic's

Verified as per logs provided

S. Shukla
(S. Shukla)

G.Sh
26/05/23