

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: 545

Dated: 05-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bakcharewa, Kunwarpur & Kakarghata**
Block: **Gondilamau**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **155.0 m bgl**
Logging Depth: **152.0 m bgl**
Date of logging: **25-05-2023**
Rm - ~~26.0 Ωm~~ Rw - ~~27.0 Ωm~~

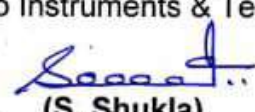
Borehole Drilled by: M/s NCC Limited, Sitapur, Uttar Pradesh.

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.	18 - 22	04	Good
2.	30 - 39	09	Good
3.	58 - 68	10	Good
4.	72 - 78	06	Good
5.	88 - 92	04	Good
6.	100 - 104	04	Good
7.	112 - 116	04	Good

Note: 1. Zone Sl. No. 7 is highly intermixed with fine bands of kankar.

2. No suitable granular zones encountered below 116.0 m bgl to till depth logged.

Verified as per logs provided. For Geo Instruments & Technic's

 (S. Shukla)

G.Sh
25/05/23