

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP: PJM:22-23:LS: 881

Dated: 08-12-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Jiginiya**  
Block: **Pisawan**  
District: **Sitapur**  
State: **Uttar Pradesh**  
Drilling Depth: **175.0 m bgl**  
Logging Depth: **174.0 m bgl**  
Date of logging: **08-12-2022**  
Rm - **14.0 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.	25 - 35	10	Good
2.	40 - 46	06	Good
3.	49 - 55	06	Good
4.	65 - 69	04	Good
5.	76 - 80	04	Good
6.	86 - 90	04	Good
7.	105 - 109	04	Good
8.	112 - 116	04	Good
9.	126 - 142	16	Good
10.	147 - 154	07	Good
11.	170 - 174	04	Good

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

2. Zone Sl. No. 9 is highly intermixed with thin bands of Kankar.

Verified as per logs provided.  
Note - Sr No 2-42-46 (4m) |  
G.S.  
09/12/22

For Geo Instruments & Technic's

  
(S. Shukla)