

# 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- 605

Dated: 23-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bahadur Nagar**  
Block: **Pisawa**  
District: **Sitapur**  
State: **Uttar Pradesh**  
Drilling Depth: **175.0 m bgl**  
Logging Depth: **168.0 m bgl**  
Date of logging: **22-02-2023**  
Rm - **15.0  $\Omega$ m** Rw - **14.0  $\Omega$ m**

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

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)
<del>1.</del>	28 - 34	06	Good
<del>2.</del>	40 - 44	04	Good
<del>3.</del>	50 - 57	07	Good
<del>4.</del>	66 - 75	09	Good
<del>5.</del>	78 - 84	06	Good
<del>6.</del>	112 - 118	06	Good
<del>7.</del>	126 - 130	04	Good
<del>8.</del>	134 - 137	03	Good
<del>9.</del>	143 - 154	11	Good
<del>10.</del>	162 - 166	04	Good

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

~~2.~~ Zone Sl. No. 2 is highly kankar intermixed.

~~3.~~ Zone Sl. No. 4, 7 & 9 are highly intermixed with fine bands of kankar.

*Verified as per logs provided.*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*GSh*  
*24/02/23*