

# 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: 328

Dated: 28-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Gaura Jalalpur**  
Block: **Maholi**  
District: **Sitapur**  
State: **Uttar Pradesh**  
Drilling Depth: **175.0 m bgl**  
Logging Depth: **156.0 m bgl**  
Date of logging: **27-01-2023**

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)
<del>1.</del>	24 - 28	04	Good
<del>2.</del>	30 - 36	06	Good
<del>3.</del>	45 - 58	13	Good
<del>4.</del>	62 - 71	09	Good
<del>5.</del>	76 - 86	10	Good
<del>6.</del>	95 - 102	07	Good
<del>7.</del>	116 - 133	17	Good
<del>8.</del>	140 - 147	07	Good
9.	153 - 156	03	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zone Sl. No. 7 is highly intermixed with fine bands of kankar.

*Verified as per logs provided,  
G.Sh  
28/01/23*

For Geo Instruments & Technic's

*Sreed.*  
(S. Shukla)