

# 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:22-23:LS:1K- 331

Dated: 28-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Terwa Mankapur**  
Block: **Rampur Mathura**  
District: **Sitapur**  
State: **Uttar Pradesh**  
Drilling Depth: **170.0 m bgl**  
Logging Depth: **164.0 m bgl**  
Date of logging: **28-01-2023**

Borehole Drilled by: M/s NCC Ltd., 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>	23 - 31	07	Good
<del>2.</del>	40 - 47	09	Good
<del>3.</del>	52 - 56	07	Good
<del>4.</del>	60 - 66	06	Good
<del>5.</del>	70 - 74	07	Good
<del>6.</del>	82 - 86	06	Good
<del>7.</del>	93 - 97	03	Good
<del>8.</del>	117 - 121	04	Good
<del>9.</del>	128 - 132	04	Good
<del>10.</del>	134 - 137	03	Good
<del>11.</del>	140 - 147	07	Good
<del>12.</del>	150 - 158	08	Good
<del>13.</del>	161 - 164	03	Good

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

2. Zone Sl. No. 6 to 8 are highly intermixed with Kankar.

3. Zone Sl. No. 9 & 12 are highly intermixed with fine bands of Kankar.

*Verified as per logs provided.*  
*Note - So No 4-61-65 (um)*  
*G.Sh*  
*28/01/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)