

# 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: 58

Dated: 06-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Ahibanpur**  
Block: **Mahmudabad**  
District: **Sitapur**  
State: **Uttar Pradesh**  
Drilling Depth: **165.0 m bgl**  
Logging Depth: **162.0 m bgl**  
Date of logging: **05-04-2023**  
Rm - ~~14.0 Ωm~~ Rw - ~~14.0 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.	32 - 36	04	Good
<del>2.</del>	<del>39 - 45</del>	<del>06</del>	<del>Good</del>
<del>3.</del>	<del>52 - 59</del>	<del>07</del>	<del>Good</del>
<del>4.</del>	<del>68 - 78</del>	<del>10</del>	<del>Good</del>
<del>5.</del>	<del>83 - 87</del>	<del>04</del>	<del>Good</del>
6.	93 - 96	03	Good
<del>7.</del>	<del>102 - 106</del>	<del>04</del>	<del>Good</del>
<del>8.</del>	<del>109 - 119</del>	<del>10</del>	<del>Good</del>
<del>9.</del>	<del>129 - 136</del>	<del>07</del>	<del>Good</del>
<del>10.</del>	<del>142 - 146</del>	<del>04</del>	<del>Good</del>
<del>11.</del>	<del>157 - 161</del>	<del>04</del>	<del>Good</del>

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

2. Zone Sl. No. 7 to 9 are highly intermixed with fine bands of kankar.

*Verified as per logs provided*

*a.c.b.  
07/04/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)