

# 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: 214

Dated: 19-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Rahra Mau**  
Block: **Masauli**  
District: **Barabanki**  
State: **Uttar Pradesh**  
Date of Logging: **18-04-2023**  
Drilling Depth: **175.0 m bgl**  
Logging Depth: **160.0 m bgl**  
Rm - **9.0  $\Omega$ m** Rw - **12.0  $\Omega$ m**

Borehole Drilled by: M/s PNC infratech Ltd., Barabanki, U.P. 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:

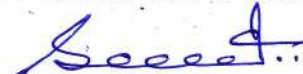
Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
<del>1.</del>	16 - 20	04	Good
<del>2.</del>	34 - 38	04	Good
<del>3.</del>	46 - 56	10	Good
4.	67 - 76	(10)	Good
<del>5.</del>	80 - 87	07	Good
<del>6.</del>	94 - 103	09	Good
<del>7.</del>	136 - 140	04	Good
<del>8.</del>	144 - 148	04	Good
<del>9.</del>	154 - 158	04	Good

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

2. Zone Sl. No. 3, 5 & 9 are highly intermixed with fine bands of kankar.

Verified as per  
logs provided  
Note: Sr No 4 -  
68-76 (8m)

For Geo Instruments & Technic's

  
(S. Shukla)

Gish  
20/04/23