

# 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-178

Dated: 12-01-2023

## GEO PHYSICAL BOREHOLE LOGGING REPORT

Site: **Narayanpur**  
Block: **Parshurampur**  
District: **Basti**  
State: **Uttar Pradesh**  
Drilling Depth: **135.0 m bgl**  
Logging Depth: **135.0 m bgl**  
Date of logging: **11-01-2023**  
Rm - **23.5  $\Omega$ m** Rw - **24.5  $\Omega$ m**

Borehole Drilled by: M/s VSAIPPL-SCL (JV), Basti, 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>	25 - 32	07	Good
<del>2.</del>	37 - 40	03	Good
<del>3.</del>	44 - 51	07	Good
<del>4.</del>	64 - 71	07	Good
<del>5.</del>	77 - 81	04	Good
<del>6.</del>	86 - 90	04	Good
<del>7.</del>	94 - 101	07	Good
<del>8.</del>	115 - 121	06	Good
<del>9.</del>	131 - 135	04	Good

Note: **1. Fine bands of Kankar are intermixed with almost all the Zones.**  
**2. Zone Sl. No. 9 is highly intermixed with kankar.**

*Verified as per logs provided.*  
G.Sh  
12/01/23

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)