

# 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-780

Dated: 25-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Asurena  
Block: Nautanwa  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 230.0 m bgl  
Logging Depth: 209.0m bgl  
Date of logging: 24-03-2023  
Rm - 22.0  $\Omega$ m Rw - 19.0  $\Omega$ m

Borehole Drilled by: M/s Rithwik- Koya-JV, Maharajganj, 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)
1.	26 - 33	07	Good
2.	44 - 48	04	Good
3.	55 - 59	04	Good
<del>4.</del>	<del>114 - 121</del>	<del>07</del>	<del>Good</del>
<del>5.</del>	<del>139 - 145</del>	<del>06</del>	<del>Good</del>
<del>6.</del>	<del>153 - 157</del>	<del>04</del>	<del>Good</del>
<del>7.</del>	<del>164 - 170</del>	<del>06</del>	<del>Good</del>
<del>8.</del>	<del>174 - 177</del>	<del>03</del>	<del>Good</del>
<del>9.</del>	<del>196 - 200</del>	<del>04</del>	<del>Good</del>
<del>10.</del>	<del>203 - 206</del>	<del>03</del>	<del>Good</del>

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

2. Zone Sl. No. 3 & 8 are highly intermixed with fine band of kankar.

Verified as per  
logs provided.

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

G.Sh  
25/03/23