

# 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- 776  
Dated: 24-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Barwa kala  
Block: Siswa  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 210.0 m bgl  
Logging Depth: 198.0m bgl  
Date of logging: 23-03-2023  
Rm - 7.5 Qm      Rw - 6.5 Qm

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.	20 - 24	04	Good
<del>2.</del>	<del>32 - 39</del>	<del>07</del>	<del>Good</del>
<del>3.</del>	<del>47 - 54</del>	<del>07</del>	<del>Good</del>
<del>4.</del>	<del>58 - 64</del>	<del>06</del>	<del>Good</del>
<del>5.</del>	<del>70 - 74</del>	<del>04</del>	<del>Good</del>
<del>6.</del>	<del>78 - 84</del>	<del>06</del>	<del>Good</del>
<del>7.</del>	<del>113 - 120</del>	<del>07</del>	<del>Good</del>
<del>8.</del>	<del>123 - 127</del>	<del>04</del>	<del>Good</del>
<del>9.</del>	<del>130 - 137</del>	<del>07</del>	<del>Good</del>
<del>10.</del>	<del>146 - 153</del>	<del>07</del>	<del>Good</del>
<del>11.</del>	<del>162 - 169</del>	<del>07</del>	<del>Good</del>
<del>12.</del>	<del>185 - 189</del>	<del>04</del>	<del>Good</del>

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

2. Zones Sl. No. 2, to 4 are highly intermixed with fine bands of kankar.

*Verified as per logs provided.*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*G.Sh*  
*24/03/23*