





# 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: 392

Dated: 09-05-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Hawpur Bhadari**  
Block: **Baghauli**  
District: **Sant Kabir Nagar**  
State: **Uttar Pradesh**  
Date of Logging: **08-05-2023**  
Drilling Depth: **160.0 m bgl**  
Logging Depth: **154.0 m bgl**  
Rm - **17.0  $\Omega$ m** Rw - **15.0  $\Omega$ m**

Borehole Drilled by: M/s Megha Engineering & Infrastructure Ltd.,  
Sant Kabir Nagar, 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.	21 - 25	04	Good
2.	35 - 39	04	Good
<del>3.</del>	<del>53 - 66</del>	<del>13</del>	<del>Good</del>
<del>4.</del>	<del>69 - 73</del>	<del>04</del>	<del>Good</del>
<del>5.</del>	<del>80 - 89</del>	<del>09</del>	<del>Good</del>
<del>6.</del>	<del>104 - 111</del>	<del>07</del>	<del>Good</del>
<del>7.</del>	<del>144 - 151</del>	<del>07</del>	<del>Good</del>

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

2. Zone Sl. No. 6 & 7 are highly intermixed with fine bands of kankar.

*Verified as per logs provided.*

For Geo Instruments & Technic's

*S. Shukla*  
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*11/05/23*