



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/230

Date : 07.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Bishambharpur, Block – Rehra Bazar  
District - Balrampur

**Drilling Depth** : 170 mbgl as Reported by Driller

**Logged Depth** : ~~166 mbgl~~

**Date of Logging** : 07.06.23

**Types of Log** : ~~S.P. & Resistivity (Normal & Lateral)~~

**Logger Used** : ~~Uptron~~

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.



Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	R <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	<del>28 – 35</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	R <sub>mf</sub> = 26 Ωm R <sub>w</sub> = 28.3 Ωm
<del>2</del>	<del>40 – 53</del>	<del>13</del>	<del>Good, Fine to medium sand</del>	
<del>3</del>	<del>57 – 64</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>70 – 75</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>80 – 83</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>85 – 100</del>	<del>15</del>	<del>Good, Fine to medium sand, kankar intermixed</del> – Highly	
<del>7</del>	<del>110 – 115</del>	<del>15</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>133 – 148</del>	<del>15</del>	<del>Good, Fine to medium sand, kankar intermixed</del> – Highly	
<del>9</del>	<del>150 – 153</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	

**Remark** : ~~Almost all zones are intermixed with fine bands of kankar.~~

CC : Executive Engineer (E/M-Div) U P Jal Nigam (Gramin), Gonda

Verified as per  
logs provided

G.S.

  
  
(G.S.)  
Geophysicist