



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/226

Date : 08.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Bafanwa, Block – Balrampur  
District - Balrampur

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

**Logged Depth** : ~~167~~ mbgl

**Date of Logging** : 08.05.23

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

**Logger Used** : ~~Upton~~



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>34 – 40</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 30 Ωm R<sub>w</sub> = 33 Ωm</del>
<del>2</del>	<del>45 – 50</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>3</del>	<del>65 – 77</del>	<del>12</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>80 – 89</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>109 – 115</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>124 – 134</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>136 – 140</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>144 – 147</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>152 – 162</del>	<del>10</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*  
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*g.ek*  
*09/05/23*

  
  
**(A.K. Singh)**  
Geophysicist