



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/153

Date : 20.03.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth** : ~~169 mbgl~~

**Date of Logging** : 20.03.23

**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 – 37</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 26.8 Ωm</del>
<del>2</del>	<del>45 – 57</del>	<del>12</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 28.1 Ωm</del>
<del>3</del>	<del>61 – 72</del>	<del>11</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>77 – 83</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>85 – 90</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>95 – 98</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>110 – 115</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>125 – 130</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>132 – 135</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>10</del>	<del>145 – 151</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>11</del>	<del>161 – 164</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	

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

*Verified as per logs provided*

*G.Sh  
21/03/23*

*Anish*  
  
(A.K. Singh)  
Geophysicist