



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/172

Date : 03.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

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

**Date of Logging** : 03.04.23

**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>20 - 40</del>	<del>20</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 27.4 Ωm</del>
<del>2</del>	<del>46 - 71</del>	<del>25</del>	<del>Good, Fine to medium sand, kankar mixed</del>	<del>R<sub>w</sub> = 28 Ωm</del>
<del>3</del>	<del>85 - 97</del>	<del>12</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>105 - 117</del>	<del>12</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>122 - 135</del>	<del>13</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>145 - 151</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	

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

*Verified as per logs provided  
Note - S/N02-46-55 (9m)  
and 64-71 (7m)  
GIC  
04/04/23*

  
  
(A.K. Singh)  
Geophysicist