



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/97

Date : 05.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village -Gaur Ramwapur, Block - Shreedattganj  
Distt. - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 05.02.23

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	$R_{mf}$ & $R_w$
<del>1</del>	<del>28 - 37</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	<del><math>R_{mf} = 30.2 \Omega m</math> <math>R_w = 32 \Omega m</math></del>
<del>2</del>	<del>46 - 50</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>3</del>	<del>55 - 70</del>	<del>15</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>75 - 90</del>	<del>15</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>95 - 100</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>110 - 115</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>120 - 127</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>140 - 147</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>153 - 157</del>	<del>4</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.S.*  
*06/02/23*

*Drish*  
  
(A.K. Singh)  
Geophysicist