



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/148

Date : 16.03.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village - Ranijot, Block - Tulsipur  
District - Balrampur

**Drilling Depth** : 280 mbgl as Reported by Driller

**Logged Depth** : ~~275 mbgl~~

**Date of Logging** : 16.03.23

**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>25 - 40</del>	<del>15</del>	<del>Good, Fine to medium sand</del>	<del><math>R_{mf} = 24.6 \Omega m</math></del>
<del>2</del>	<del>47 - 51</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	<del><math>R_w = 25.9 \Omega m</math></del>
<del>3</del>	<del>67 - 81</del>	<del>14</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>95 - 100</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>110 - 117</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>122 - 125</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>130 - 142</del>	<del>12</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>156 - 166</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>170 - 175</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>10</del>	<del>179 - 186</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>11</del>	<del>196 - 200</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>12</del>	<del>210 - 217</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>13</del>	<del>222 - 227</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>14</del>	<del>240 - 245</del>	<del>5</del>	<del>Good, Fine to medium sand - Highly kankar Intermixed</del>	
<del>15</del>	<del>265 - 268</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  
17/03/23*

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