



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/166

Date : 16.08.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth** : ~~165 mbgl~~

**Date of Logging** : 16.08.2023

**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>30 – 36</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 23.7 Ωm R<sub>w</sub> = 24.1 Ωm</del>
<del>2</del>	<del>42 – 52</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	
<del>3</del>	<del>55 – 60</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>65 – 72</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>76 – 88</del>	<del>12</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>119 – 127</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>142 – 148</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>150 – 154</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>160 – 163</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*  
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Geophysicist