



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/260

Date : 10.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Chitouni, Block – Harraiya Satgharwa  
District - Balrampur

**Drilling Depth** : 225 mbgl as Reported by Driller

**Logged Depth** : ~~220 mbgl~~

**Date of Logging** : 10.06.23

**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 <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	<del>47 – 50</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 20 Ωm</del>
<del>2</del>	<del>55 – 59</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 22.4 Ωm</del>
<del>3</del>	<del>65 – 68</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>76 – 83</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>89 – 92</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>110 – 118</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>122 – 138</del>	<del>16</del>	<del>Good, Fine to medium sand</del> <i>J-Highly K.O.I.</i>	
<del>8</del>	<del>145 – 150</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>175 – 178</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>10</del>	<del>184 – 187</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>11</del>	<del>195 – 198</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>12</del>	<del>210 – 213</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	

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

CC : Executive Engineer (E/M Div) U P Jal Nigam (Gramin), Gonda

*Verified as per logs provided.*

*G.Sh  
12/06/23*

