



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/259

Date : 09.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Goura Baghnaha, Block – Gaisandi  
District - Balrampur

**Drilling Depth** : 275 mbgl as Reported by Driller

**Logged Depth** : ~~255 mbgl~~

**Date of Logging** : 09.06.23

**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>26 – 33</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 20 Ωm</del>
<del>2</del>	<del>45 – 58</del>	<del>13</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 22.4 Ωm</del>
<del>3</del>	<del>66 – 72</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>80 – 90</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>100 – 106</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>109 – 115</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>122 – 126</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>140 – 155</del>	<del>15</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>160 – 165</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>10</del>	<del>175 – 185</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	
<del>11</del>	<del>215 – 225</del>	<del>10</del>	<del>Good, Fine 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.*  
GIC  
10/06/23

*A.K. Singh*  
  
(A.K. Singh)  
Geophysicist