



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/189

Date : 14.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth** : ~~168 mbgl~~

**Date of Logging** : 14.04.23

**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>20 – 37</del>	<del>17</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 26.6 Ωm</del>
<del>2</del>	<del>48 – 67</del>	<del>19</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 27 Ωm</del>
<del>3</del>	<del>75 – 80</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>85 – 92</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>118 – 135</del>	<del>17</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>142 – 151</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>163 – 166</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.  
Note - Sr No 5 - 108-135  
(27m)  
G.Sh  
15/04/23

  
  
(A.K. Singh)  
Geophysicist