



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/78

Date : 18.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Banjariya, Block – Gaindas Bujurg  
Distt. – Balrampur

**Drilling Depth** : 175 mbgl as Reported by Driller

**Logged Depth** : ~~170~~ mbgl

**Date of Logging** : 18.01.23

**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 – 32</del>	<del>12</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 27.1 Ωm</del>
<del>2</del>	<del>45 – 53</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 28.9 Ωm</del>
<del>3</del>	<del>57 – 66</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>73 – 80</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>90 – 102</del>	<del>12</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>114 – 121</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>127 – 135</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
8	150 – 163	13	Good, Fine to medium sand	

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

Verified as per logs provided.  
Note – SrNo 4 – 74 – 81 (7m)  
SrNo 8 – Highly kankar intermixed.  
G.S.  
19/01/23

  
  
(A.K. Singh)  
Geophysicist