



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/202

Date : 22.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 165 mbgl as Reported by Driller

**Logged Depth** : ~~158 mbgl~~

**Date of Logging** : 22.04.23

**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>
1	25 – 41	16	Good, Fine to medium sand	<del>R<sub>mf</sub> = 24.9 Ωm</del>
<del>2</del>	<del>48 – 51</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 27.6 Ωm</del>
<del>3</del>	<del>65 – 74</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>82 – 89</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>91 – 95</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>110 – 115</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>131 – 136</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
8	153 – 156	3	Good, Fine to medium sand	

**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  
24/04/23

*Anish*  
  
(A.K. Singh)  
Geophysicist