



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/239

Date : 18.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village - Mahmood Nagar, Block - Sridattganj  
District - Balrampur

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

**Logged Depth** : 165 ~~mbgl~~

**Date of Logging** : 18.05.23

**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	$R_{mf}$ & $R_w$
<del>1</del>	<del>25 - 40</del>	<del>15</del>	<del>Good. Fine to medium sand</del>	<del><math>R_{mf} = 25.4 \Omega m</math></del>
<del>2</del>	<del>46 - 50</del>	<del>4</del>	<del>Good. Fine to medium sand</del>	<del><math>R_w = 25 \Omega m</math></del>
<del>3</del>	<del>60 - 75</del>	<del>15</del>	<del>Good. Fine to medium sand</del>	
<del>4</del>	<del>85 - 95</del>	<del>10</del>	<del>Good. Fine to medium sand</del>	
<del>5</del>	<del>108 - 113</del>	<del>5</del>	<del>Good. Fine to medium sand</del>	
<del>6</del>	<del>144 - 153</del>	<del>9</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

*Swatantra*  
JUNIOR ENGINEER  
DIVISION OFFICE (E/M)  
U.P. JAL NIGAM RURAL GONDA

*Verified as per  
logs provided*

*GSh  
19/05/23*

*Arsh*  
  
(A.K. Singh)  
Geophysicist