



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/291

Date : 20.07.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Shiva Nagar, Block – Tulsipur  
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 255 mbgl

Date of Logging : 20.07.23

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	$R_{mf}$ & $R_w$
1	48 – 55	7	Good, Fine to medium sand	$R_{mf} = 24 \Omega m$ $R_w = 27 \Omega m$
2	75 – 83	8	Good, Fine to medium sand	
3	93 – 101	8	Good, Fine to medium sand	
4	115 – 127	12	Good, Fine to medium sand	
5	147 – 153	6	Good, Fine to medium sand	
6	163 – 170	7	Good, Fine to medium sand	
7	188 – 197	9	Good, Fine to medium sand	
8	207 – 213	6	Good, Fine to medium sand	

**Remark :** Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 213 mbgl to till depth logged,

CC: Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

  
  
(A.K. Singh)  
Geophysicist