



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/353

Date : 09.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Badgau, Block – Tulsipur
Distt - Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 273 mbgl

Date of Logging : 09.10.23

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)	Thickne ss (m)	Types of strara	R_{mf} & R_w
1	63 – 83	20	Good, Fine to medium sand	$R_{mf} = 24 \Omega m$ $R_w = 26 \Omega m$
2	90 – 104	14	Good, Fine to medium sand	
3	112 – 118	6	Good, Fine to medium sand	
4	125 – 130	5	Good, Fine to medium sand	
5	135 – 146	11	Good, Fine to medium sand	
6	165 – 170	5	Good, Fine to medium sand	
7	185 – 190	5	Good, Fine to medium sand	
8	210 – 245	35	Good, Fine to medium sand	
9	266 – 270	4	Good, Fine to medium sand	

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

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



(A.K. Singh)
Geophysicist