



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/191

Date : 16.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 16.04.23

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 _{mf} & R _w
1	30 – 46	16	Good, Fine to medium sand	R_{mf} = 25 Ωm R_w = 27 Ωm
2	48 -53	5	Good, Fine to medium sand	
3	66 – 72	6	Good, Fine to medium sand	
4	75 – 83	8	Good, Fine to medium sand	
5	90 – 97	7	Good, Fine to medium sand	
6	111 – 118	7	Good, Fine to medium sand	
7	128 – 135	7	Good, Fine to medium sand	
8	139 – 148	9	Good, Fine sand – kankar mixed.	
9	157 – 163	6	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.S.
17/04/23

Dr. A.K. Singh

(A.K. Singh)
Geophysicist