



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/345

Date : 30.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Gulriya Ahirauli Sadwapur, Block – Gaisandi
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 270 mbgl

Date of Logging : 30.10.23

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)	Thickness (m)	Types of strara	R _{mf} & R _w
1	54 – 57	3	Good, Fine to medium sand	R _{mf} = 23.2 Ωm R _w = 25 Ωm
2	74 – 77	3	Good, Fine to medium sand	
3	85 – 95	10	Good, Fine to medium sand	
4	100 – 113	13	Good, Fine to medium sand	
5	130 – 140	10	Good, Fine to medium sand	
6	146 – 165	19	Good, Fine to medium sand	
7	170 – 176	6	Good, Fine to medium sand	
8	181 – 187	6	Good, Fine to medium sand	
9	201 – 208	7	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 208 mbgl to till depth logged.

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



(A.K. Singh)
Geophysicist