



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/280

Date : 28.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Madara, Block – Balrampur
Distt. – Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 28.06.23

Types of Log : ~~S.P. & Resistivity (Normal & Lateral)~~

Logger Used : ~~Uptron~~

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	32 – 38	6	Good, Fine to medium sand	R _{mf} = 23.1 Ωm R _w = 24.9 Ωm
2	55 – 63	8	Good, Fine to medium sand	
3	67 – 80	13	Good, Fine to medium sand, kankar mixed	
4	89 – 97	8	Good, Fine to medium sand	
5	107 – 114	7	Good, Fine to medium sand	
6	122 – 133	11	Good, Fine to medium sand	
7	148 – 154	6	Good, Fine to medium sand	
8	157 – 160	3	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

Verified as per
logs provided

G.Sh
20/06/23



(A.K. Singh)
Geophysicist