



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/399

Date : 22.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Ganwariya Bagulaha, Block – Pachpedwa
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 265 mbgl

Date of Logging : 22.11.23

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

Logger Used : Upron

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	55 – 75	20	Good, Fine to medium sand	R _{mf} = 22 Ωm R _w = 23.9 Ωm
2	85 – 92	7	Good, Fine to medium sand	
3	99 – 107	8	Good, Fine to medium sand	
4	120 – 128	8	Good, Fine to medium sand	
5	140 – 147	7	Good, Fine to medium sand	
6	155 – 177	22	Good, Fine to medium sand	
7	205 – 222	17	Good, Fine to medium sand	
8	250 – 257	7	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 257 mbgl to till depth logged.

CC: 1. Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda



(A.K. Singh)
Geophysicist