



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/417

Date : 23.01.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Imiliya Kodar, Block – Pachpedwa
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 272 mbgl

Date of Logging : 23.01.24

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 strara	R _{mf} & R _w
1	29 – 32	3	Good, Fine to medium sand	R _{mf} = 20 Ωm R _w = 21 Ωm
2	50 – 53	3	Good, Fine to medium sand	
3	62 – 66	4	Good, Fine to medium sand	
4	88 – 91	3	Good, Fine to medium sand	
5	107 – 113	6	Good, Fine to medium sand	
6	133 – 140	7	Good, Fine to medium sand	
7	154 – 160	6	Good, Fine to medium sand	
8	172 – 178	6	Good, Fine to medium sand	
9	198 – 203	5	Good, Fine to medium sand	
10	207 – 214	7	Good, Fine to medium sand	
11	219 – 225	6	Good, Fine to medium sand	
12	232 – 242	10	Good, Fine to medium sand	
13	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