



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/407

Date : 08.12.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Vishunpur Khairhni, Block – Tulsipur
Distt - Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 270 mbgl

Date of Logging : 08.12.23

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	30 – 37	7	Good, Fine to medium sand	R _{mf} = 21 Ωm R _w = 22.8 Ωm
2	76 – 84	8	Good, Fine to medium sand	
3	89 – 100	11	Good, Fine to medium sand	
4	124 – 131	7	Good, Fine to medium sand	
5	155 – 170	15	Good, Fine to medium sand	
6	187 – 195	8	Good, Fine to medium sand	
7	208 – 245	37	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 245 mbgl to till depth logged.

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



(A.K. Singh)
Geophysicist