



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/346

Date : 02.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 270 mbgl

Date of Logging : 02.10.23

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	30 – 36	6	Good, Fine to medium sand	R _{mf} = 22 Ωm R _w = 25 Ωm
2	73 – 82	9	Good, Fine to medium sand	
3	89 – 95	6	Good, Fine to medium sand	
4	100 – 110	10	Good, Fine to medium sand	
5	122 – 127	5	Good, Fine to medium sand	
6	162 – 172	10	Good, Fine to medium sand	
7	200 – 212	12	Good, Fine to medium sand	
8	224 – 235	11	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



(A.K. Singh)
Geophysicist