



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/311

Date : 11.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 160 mbgl

Date of Logging : 11.08.23

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 strata	R _{mf} & R _w
1	30 – 38	8	Good, Fine to medium sand	R _{mf} = 23 Ωm R _w = 23.8 Ωm
2	44 – 55	11	Good, Fine to medium sand	
3	65 – 75	10	Good, Fine to medium sand	
4	79 – 93	14	Good, Fine to medium sand	
5	99 – 108	9	Good, Fine to medium sand	
6	120 – 130	10	Good, Fine to medium sand	
7	142 – 148	6	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), Gondai

Drink

(A.K. Singh)
Geophysicist