



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/178

Date : 06.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Badhya pakdi, Block – Utraula
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 166 mbgl

Date of Logging : 06.04.23

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 strata	R _{mf} & R _w
1	30 – 35	5	Good, Fine to medium sand	R_{mf} = 24.6 Ωm R_w = 26.1 Ωm
2	40 – 58	18	Good, Fine to medium sand, kankar intermixed	
3	62 – 68	6	Good, Fine to medium sand	
4	77 – 83	6	Good, Fine to medium sand	
5	95 – 104	9	Good, Fine to medium sand	
6	115 – 123	8	Good, Fine to medium sand	
7	155 – 160	5	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar.

*Verified as per
logs provided.
g.g.s.
07/04/23*

g.g.s.

(A.K. Singh)
Geophysicist