



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/164

Date : 29.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Khand Bahari Bafnawa, Block – Balrampur
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 167 mbgl

Date of Logging : 29.03.23

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	28 – 40	12	Good, Fine to medium sand	$R_{mf} = 24.1 \Omega m$ $R_w = 25 \Omega m$
2	47 – 62	15	Good, Fine to medium sand	
3	70 – 78	8	Good, Fine to medium sand	
4	105 – 115	10	Good, Fine to medium sand	
5	130 – 138	8	Good, Fine to medium sand	
6	147 – 151	4	Good, Fine to medium sand	

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

Drink

(*R.K. Singh*)
Geophysicist