



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/183

Date : 10.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Babhani Bujurg, Block – Utraula
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 10.04.23

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	28 – 37	9	Good, Fine to medium sand	R_{mf} = 22 Ωm R_w = 22.9 Ωm
2	45 – 58	13	Good, Fine to medium sand	
3	65 – 73	8	Good, Fine to medium sand, kankar mixed	
4	81 – 91	10	Good, Fine to medium sand	
5	100 – 108	8	Good, Fine to medium sand	
6	117 – 123	6	Good, Fine to medium sand, kankar mixed <i>Highly kankar</i>	
7	125 – 132	7	Good, Fine to medium sand	
8	142 – 148	6	Good, Fine to medium sand	
9	154 – 157	3	Good, Fine to medium sand	

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

*Verified as per
logs provided*

*G.Sh
17/04/23*

Drishk

(*A.K. Singh*)
Geophysicist