



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/290

Date : 18.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Kharhargarhi & Gangapur Lakhna, Block – Balrampur
Distt. – Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 18.07.23

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 – 42	12	Good, Fine to medium sand	R _{mf} = 24 Ωm R _w = 27 Ωm
2	45 – 60	15	Good, Fine to medium sand	
3	65 – 76	11	Good, Fine to medium sand	
4	82 – 90	8	Good, Fine to medium sand	
5	112 – 120	8	Good, Fine to medium sand	
6	130 – 141	11	Good, Fine to medium sand	
7	149 – 155	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), Gonda



(A.K. Singh)
Geophysicist