



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/116

Date : 18.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~168 mbgl~~

Date of Logging : 18.02.23

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	27 – 37	10	Good, Fine to medium sand	R_{mf} = 28.9 Ωm
2	50 – 63	13	Good, Fine to medium sand	R_w = 31 Ωm
3	67 – 77	10	Good, Fine to medium sand	
4	80 – 87	7	Good, Fine to medium sand	
5	90 – 95	5	Good, Fine to medium sand	
6	107 – 112	5	Good, Fine to medium sand	
7	119 – 140	21	Good, Fine to medium sand	
8	145 – 151	6	Good, Fine to medium sand	

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

Verified as per
logs provided.
Note - SrNo 2-50-54 (4m)
SrNo 7-119-136 (17m)
G.Sh
20/02/23



(A.K. Singh)
Geophysicist