



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/300

Date : 31.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 167 mbgl

Date of Logging : 31.07.23

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	35 – 42	7	Good, Fine to medium sand	$R_{mf} = 24 \Omega m$ $R_w = 26 \Omega m$
2	48 – 55	7	Good, Fine to medium sand	
3	64 – 74	10	Good, Fine to medium sand	
4	77 – 82	5	Good, Fine to medium sand	
5	90 – 98	8	Good, Fine to medium sand	
6	105 – 117	12	Good, Fine to medium sand	
7	120 – 125	5	Good, Fine to medium sand	
8	130 – 136	6	Good, Fine to medium sand	
9	154 – 160	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