



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/66

Date : 06.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~270~~ mbgl

Date of Logging : 06.01.23

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} = 27.1 Ωm R_w = 29 Ωm
2	50 – 63	13	Good, Fine to medium sand	
3	70 – 80	10	Good, Fine to medium sand	
4	85 – 89	4	Good, Fine to medium sand	
5	95 – 105	10	Good, Fine to medium sand	
6	111 – 115	4	Good, Fine to medium sand	
7	123 – 145	22	Good, Fine to medium sand	
8	152 – 158	6	Good, Fine to medium sand	
9	167 – 173	6	Good, Fine to medium sand	
10	185 – 192	7	Good, Fine to medium sand	
11	199 – 211	12	Good, Fine to medium sand	
12	220 – 236	16	Good, Fine to medium sand	
13	242 – 246	4	Good, Fine to medium sand	
14	260 – 265	5	Good, Fine to medium sand	

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

*Verified as per
logs provided
G.S.
07/01/23*

A.K.

(A.K. Singh)
Geophysicist