



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/301

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Turkoliya, Block – Gaisandi  
Distt. – Balrampur

**Drilling Depth** : 275 mbgl as Reported by Driller

**Logged Depth** : 270 mbgl

**Date of Logging** : 01.08.23

**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 <sub>mf</sub> & R <sub>w</sub>
1	45 – 55	10	Good, Fine to medium sand	R <sub>mf</sub> = 21 Ωm R <sub>w</sub> = 236 Ωm
2	58 – 65	7	Good, Fine to medium sand	
3	77 – 98	21	Good, Fine to medium sand	
4	115 – 121	6	Good, Fine to medium sand	
5	128 – 140	12	Good, Fine to medium sand	
6	160 – 163	3	Good, Fine to medium sand	
7	170 – 177	7	Good, Fine to medium sand	
8	185 – 190	5	Good, Fine to medium sand	
9	217 – 231	14	Good, Fine to medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 231 mbgl.

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