



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/322

Date : 19.08.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 280 mbgl as Reported by Driller

**Logged Depth** : 275 mbgl

**Date of Logging** : 19.08.23

**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 strara	R <sub>mf</sub> & R <sub>w</sub>
1	55 – 59	4	Good, Fine to medium sand	R <sub>mf</sub> = 21 Ωm R <sub>w</sub> = 23.9 Ωm
2	65 – 72	7	Good, Fine to medium sand	
3	75 – 80	5	Good, Fine to medium sand	
4	86 – 90	4	Good, Fine to medium sand	
5	95 – 100	5	Good, Fine to medium sand	
6	114 – 121	7	Good, Fine to medium sand	
7	128 – 132	4	Good, Fine to medium sand	
8	160 – 166	6	Good, Fine to medium sand	
9	175 – 181	6	Good, Fine to medium sand	
10	205 – 225	20	Good, Fine to medium sand	
11	230 – 236	6	Good, Fine to medium sand	
12	248 – 251	3	Good, Fine to medium sand	

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

**CC:**

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