



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/321

Date : 19.08.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Banjariya, Block – Pachpedwa  
Distt. – Balrampur

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

**Logged Depth** : 250 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	56 – 66	10	Good, Fine to medium sand	R <sub>mf</sub> = 21 Ωm R <sub>w</sub> = 23 Ωm
2	83 – 88	5	Good, Fine to medium sand	
3	95 – 102	7	Good, Fine to medium sand	
4	121 – 126	5	Good, Fine to medium sand	
5	135 – 146	11	Good, Fine to medium sand	
6	155 – 163	8	Good, Fine to medium sand	
7	169 – 175	6	Good, Fine to medium sand	
8	210 – 216	6	Good, Fine to medium sand	
9	222 – 228	6	Good, Fine to medium sand	

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

**CC:**

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(A.K. Singh)  
Geophysicist