



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/336

Date : 16.09.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth** : 260 mbgl

**Date of Logging** : 16.09.23

**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	32 – 35	3	Good, Fine to medium sand	R <sub>mf</sub> = 24 Ωm R <sub>w</sub> = 25.3 Ωm
2	63 – 67	4	Good, Fine to medium sand	
3	93 – 98	5	Good, Fine to medium sand	
4	114 – 120	6	Good, Fine to medium sand	
5	138 – 142	4	Good, Fine to medium sand	
6	159 – 162	3	Good, Fine to medium sand	
7	184 – 189	5	Good, Fine to medium sand	
8	200 – 212	12	Good, Fine to medium sand	
9	218 – 228	10	Good, Fine to medium sand	
10	236 – 240	4	Good, Fine to medium sand	

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

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(A.K. Singh)  
Geophysicist