



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/317

Date : 16.08.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth** : 275 mbgl

**Date of Logging** : 16.08.23

**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 strara	R <sub>mf</sub> & R <sub>w</sub>
1	28 – 36	8	Good, Fine to medium sand	R <sub>mf</sub> = 22 Ωm R <sub>w</sub> = 23 Ωm
2	50 – 64	14	Good, Fine to medium sand	
3	77 – 85	8	Good, Fine to medium sand	
4	90 – 94	4	Good, Fine to medium sand	
5	100 – 103	3	Good, Fine to medium sand	
6	123 – 130	7	Good, Fine to medium sand	
7	145 – 160	15	Good, Fine to medium sand	
8	197 – 205	8	Good, Fine to medium sand	
9	207 – 216	9	Good, Fine to medium sand	
10	222 – 229	7	Good, Fine to medium sand	
11	250 – 257	7	Good, Fine to medium sand	
12	265 – 270	5	Good, Fine to medium sand	

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

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(A.K. Singh)  
Geophysicist