



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/396

Date : 16.11.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Banghusri, Block – Pachpedwa  
Distt - Balrampur

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

**Logged Depth** : 270 mbgl

**Date of Logging** : 16.11.23

**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	35 – 42	7	Good, Fine to medium sand	R <sub>mf</sub> = 21 Ωm R <sub>w</sub> = 22 Ωm
2	58 – 70	12	Good, Fine to medium sand	
3	80 – 86	6	Good, Fine to medium sand	
4	95 – 100	5	Good, Fine to medium sand	
5	110 – 115	5	Good, Fine to medium sand	
6	130 – 136	6	Good, Fine to medium sand	
7	144 – 150	6	Good, Fine to medium sand	
8	155 – 161	6	Good, Fine to medium sand	
9	175 – 181	6	Good, Fine to medium sand	
10	190 – 196	6	Good, Fine to medium sand	
11	201 – 206	5	Good, Fine to medium sand	
12	211 – 215	4	Good, Fine to medium sand	
13	234 – 241	7	Good, Fine to medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 238 mbgl to till depth logged.

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Geophysicist