



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/418

Date : 23.01.24

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth** : 260 mbgl

**Date of Logging** : 23.01.24

**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	40 – 45	5	Good, Fine to medium sand	R <sub>mf</sub> = 21.7 Ωm R <sub>w</sub> = 23 Ωm
2	55 – 60	5	Good, Fine to medium sand	
3	67 – 73	6	Good, Fine to medium sand	
4	85 – 91	6	Good, Fine to medium sand	
5	100 – 106	6	Good, Fine to medium sand	
6	153 – 158	5	Good, Fine to medium sand	
7	172 – 177	5	Good, Fine to medium sand	
8	192 – 200	8	Good, Fine to medium sand	
9	206 – 215	9	Good, Fine to medium sand	
10	218 – 230	12	Good, Fine to medium sand	
11	239 – 247	8	Good, Fine to medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 247 mbgl to till depth logged.

CC: 1. Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

  
  
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Geophysicist