



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/376

Date : 30.10.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Belaha, Block – Gaisandi  
Distt - Balrampur

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

**Logged Depth** : 260 mbgl

**Date of Logging** : 30.10.23

**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	45 – 54	9	Good, Fine to medium sand	R <sub>mf</sub> = 22 Ωm R <sub>w</sub> = 23 Ωm
2	58 – 72	14	Good, Fine to medium sand	
3	89 – 102	13	Good, Fine to medium sand	
4	124 – 131	7	Good, Fine to medium sand	
5	147 – 163	16	Good, Fine to medium sand	
6	190 – 195	5	Good, Fine to medium sand	
7	205 – 212	7	Good, Fine to medium sand	
8	217 – 226	9	Good, Fine to medium sand	
9	237 – 243	6	Good, Fine to medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 243 mbgl to till depth logged.

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

*Drink*  
  
(A.K. Singh)  
Geophysicist