



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/389

Date : 07.11.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Ahirula Nagwa, Block – Sridatganj  
Distt - Balrampur

**Drilling Depth** : 165 mbgl as Reported by Driller

**Logged Depth** : 155 mbgl

**Date of Logging** : 07.11.23

**Types of Log** : S.P. & Resistivity (Normal & Lateral)

**Logger Used** : Upron

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	25 – 34	9	Good, Fine to medium sand	R <sub>mf</sub> = 23 Ωm R <sub>w</sub> = 26 Ωm
2	50 – 58	8	Good, Fine to medium sand	
3	62 – 67	5	Good, Fine to medium sand	
4	72 – 84	12	Good, Fine to medium sand	
5	107 – 121	14	Good, Fine to medium sand	
6	135 – 148	13	Good, Fine to medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 236 mbgl to till depth logged.

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

*Drink*  
  
(A.K. Singh)  
Geophysicist