



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/391

Date : 09.11.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Takhtarwa, Block – Sridattganj  
Distt - Balrampur

**Drilling Depth** : 172 mbgl as Reported by Driller

**Logged Depth** : 166 mbgl

**Date of Logging** : 09.11.23

**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	$R_{mf}$ & $R_w$
1	25 – 35	10	Good, Fine to medium sand	$R_{mf} = 23 \Omega m$ $R_w = 24 \Omega m$
2	58 – 70	12	Good, Fine to medium sand	
3	82 – 97	15	Good, Fine to medium sand	
4	100 – 120	20	Good, Fine to medium sand	
5	134 – 145	11	Good, Fine to medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 145 mbgl to till depth logged.

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

  
  
(A.K. Singh)  
Geophysicist