



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JIM/ Balrampur/209

Date : 29.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kayanganj. Block – Sridattganj  
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 29.04.23

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

Logger Used : Upton

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 – 40	15	Good, Fine to medium sand	$R_{mf} = 22.6 \Omega m$ $R_w = 15 \Omega m$
2	45 – 55	10	Good, Fine to medium sand	
3	70 – 78	8	Good, Fine to medium sand	
4	89 – 97	8	Good, Fine to medium sand	
5	113 – 125	12	Good, Fine to medium sand	
6	130 – 133	3	Good, Fine to medium sand	
7	147 – 154	7	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar.

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

Verified as per  
logs provided

GSh  
01/05/23

  
  
(A.K. Singh)  
Geophysicist