



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/382

Date : 04.11.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 250 mbgl

Date of Logging : 04.11.23

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	60 – 85	25	Good, Fine to medium sand	$R_{mf} = 23 \Omega m$ $R_w = 24 \Omega m$
2	90 – 105	15	Good, Fine to medium sand	
3	135 – 142	7	Good, Fine to medium sand	
4	166 – 173	7	Good, Fine to medium sand	
5	215 – 220	5	Good, Fine to medium sand	
6	225 – 237	12	Good, Fine to medium sand	

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

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

  
  
(A.K. Singh)  
Geophysicist