



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/302

Date : 03.08.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Rachhaurah, Block – Balrampur  
Distt. – Balrampur

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

**Logged Depth** : 145 mbgl

**Date of Logging** : 03.08.23

**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	$R_{mf}$ & $R_w$
1	30 – 41	11	Good, Fine to medium sand	$R_{mf} = 22 \Omega m$ $R_w = 24 \Omega m$
2	47 – 53	6	Good, Fine to medium sand	
3	60 – 66	6	Good, Fine to medium sand	
4	68 – 72	4	Good, Fine to medium sand	
5	74 – 78	4	Good, Fine to medium sand	
6	85 – 97	12	Good, Fine to medium sand	
7	102 – 120	18	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