



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/227

Date : 08.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Dataloopur & Chittalloopur, Block – Rehra Bazar  
District - Balrampur

**Drilling Depth** : 170 mbgl as Reported by Driller

**Logged Depth** : 168 mbgl

**Date of Logging** : 08.05.23

**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	27 – 33	6	Good, Fine to medium sand	$R_{mf} = 26.9 \Omega m$
2	40 – 55	15	Good, Fine to medium sand	$R_w = 28 \Omega m$
3	57 – 65	8	Good, Fine to medium sand	
4	74 – 81	7	Good, Fine to medium sand	
5	87 – 90	3	Good, Fine to medium sand	
6	98 – 102	4	Good, Fine to medium sand	
7	122 – 128	6	Good, Fine to medium sand	
8	130 – 134	4	Good, Fine to medium sand	
9	140 – 150	10	Good, Fine to medium sand, kankar mixed	
10	160 – 165	5	Good, Fine to medium sand kankar Intermixed.	

**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.  
A.K.Singh  
09/05/23

  
  
(A.K. Singh)  
Geophysicist