



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/406

Date : 07.12.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Janki Nagar, Block – Gaisandi  
Distt - Balrampur

**Drilling Depth** : 280 mbgl as Reported by Driller

**Logged Depth** : 270 mbgl

**Date of Logging** : 07.12.23

**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	30 – 48	18	Good, Fine to medium sand	$R_{mf} = 21 \Omega m$ $R_w = 23.3 \Omega m$
2	60 – 76	16	Good, Fine to medium sand	
3	90 – 95	5	Good, Fine to medium sand	
4	102 – 112	10 ✓	Good, Fine to medium sand	
5	118 – 130	12 ✓	Good, Fine to medium sand	
6	170 – 179	9 ✓	Good, Fine to medium sand	
7	207 – 225	18 ✓	Good, Fine to medium sand	
8	242 – 253	11 ✓	Good, Fine to medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 253 mbgl to till depth logged.

CC: 1. Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

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