



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/365

Date : 26.10.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth** : 275 mbgl

**Date of Logging** : 26.10.23

**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)	Thickne ss (m)	Types of strara	R <sub>mf</sub> & R <sub>w</sub>
1	30 - 40	10	Good, Fine to medium sand	R <sub>mf</sub> = 23 Ωm R <sub>w</sub> = 25.3 Ωm
2	70 - 76	6	Good, Fine to medium sand	
3	87 - 105	18	Good, Fine to medium sand	
4	122 - 135	13	Good, Fine to medium sand	
5	152 - 173	21	Good, Fine to medium sand	
6	180 - 184	4	Good, Fine to medium sand	
7	207 - 230	23	Good, Fine to medium sand	
8	232 - 238	6	Good, Fine to medium sand	
9	255 - 270	5	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

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