



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/412

Date : 15.12.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Shivcharandih, Block – Tulsipur  
Distt - Balrampur

**Drilling Depth** : 275 mbgl as Reported by Driller

**Logged Depth** : 260 mbgl

**Date of Logging** : 15.12.23

**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	65 – 78	13	Good, Fine to medium sand	$R_{mf} = 23 \Omega m$ $R_w = 24 \Omega m$
2	83 – 87	4	Good, Fine to medium sand	
3	99 – 107	8	Good, Fine to medium sand	
4	115 – 123	8	Good, Fine to medium sand	
5	135 – 143	8	Good, Fine to medium sand	
6	164 – 177	13	Good, Fine to medium sand	
7	180 – 190	10	Good, Fine to medium sand	
8	215 – 226	11	Good, Fine to medium sand	
9	230 – 237	7	Good, Fine to medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 237 mbgl to till depth logged.

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

*[Handwritten Signature]*

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DIVISIONAL OFFICE (E/M)  
U.P. JAL NIGAM RURAL GONDA

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(A.K. Singh)  
Geophysicist