



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/405

Date : 07.12.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 277 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	38 – 45	7	Good, Fine to medium sand	R _{mf} = 21 Ωm R _w = 23.3 Ωm
2	72 – 84	12	Good, Fine to medium sand	
3	97 – 106	9	Good, Fine to medium sand	
4	140 – 150	10	Good, Fine to medium sand	
5	157 – 162	5	Good, Fine to medium sand	
6	182 – 188	6	Good, Fine to medium sand	
7	218 – 224	6	Good, Fine to medium sand	
8	230 – 250	20	Good, Fine to medium sand	
9	263 – 272	9	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar.

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

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Alhas Tiwari

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

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(A.K. Singh)
Geophysicist