



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/413

Date : 25.12.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Vishunpur Kharahna, Block – Rehra Bazar
Distt - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 25.12.23

Types of Log : S.P. & Resistivity (Normal & Lateral)



Logger Used : IGIS

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strara	R _{mf} & R _w
1	36 – 47	11	Good, Fine to medium sand	R _{mf} = 23 Ωm R _w = 24 Ωm
2	52 – 62	10	Good, Fine to medium sand	
3	69 – 78	9	Good, Fine to medium sand	
4	83 – 96	13	Good, Fine to medium sand	
5	107 – 112	5	Good, Fine to medium sand	
6	120 – 124	4	Good, Fine to medium sand	
7	138 – 147	9	Good, Fine to medium sand	
8	150 – 155	5	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 155 mbgl to till depth logged.

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



(A.K. Singh)
Geophysicist