



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/409

Date : 08.12.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Phatawa & Satrahia, Block – Harraiya Satgharwa
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 270 mbgl

Date of Logging : 08.12.23

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)	Thickness (m)	Types of strata	R _{mf} & R _w
1	45 – 55	10	Good, Fine to medium sand	R _{mf} = 21 Ωm R _w = 24 Ωm
2	65 – 75	10	Good, Fine to medium sand	
3	77 – 85	8	Good, Fine to medium sand	
4	97 – 110	13	Good, Fine to medium sand	
5	115 – 120	5	Good, Fine to medium sand	
6	125 – 143	18	Good, Fine to medium sand	
7	165 – 170	5	Good, Fine to medium sand	
8	194 – 201	7	Good, Fine to medium sand	
9	222 – 227	5	Good, Fine to medium sand	
10	230 – 240	10	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 240 mbgl to till depth logged.

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

Drink

(A.K. Singh)
Geophysicist