



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/328

Date : 04.09.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Arnahwa & Dhanghatawa, Block – Harraiya Satgharwa
Distt. – Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 04.09.23

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 strara	R _{mf} & R _w
1	30 – 42	12	Good, Fine to medium sand	R _{mf} = 23.8 Ωm R _w = 26 Ωm
2	62 – 80	18	Good, Fine to medium sand	
3	90 – 97	7	Good, Fine to medium sand	
4	105 – 115	10	Good, Fine to medium sand	
5	120 – 140	20	Good, Fine to medium sand	
6	147 – 150	3	Good, Fine to medium sand	
7	166 – 176	11	Good, Fine to medium sand	
8	187 – 197	10	Good, Fine to medium sand	
9	212 – 226	14	Good, Fine to medium sand	
10	230 – 246	16	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 246 mbgl to till depth logged.

CC:

Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda



(A.K. Singh)
Geophysicist