



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/124

Date : 22.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Hathigarda, Block – Harraiya Satgharwa
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 260 mbgl

Date of Logging : 22.02.23

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

Logger Used : Uptron



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	35 – 50	15	Good, Fine to medium sand	R _{mf} = 26.1 Ωm
2	74 – 94	20	Good, Fine to medium sand	R _w = 28.3 Ωm
3	96 – 100	4	Good, Fine to medium sand	
4	109 – 116	7	Good, Fine to medium sand	
5	119 – 122	3	Good, Fine to medium sand	
6	130 – 145	15	Good, Fine to medium sand	
7	150 – 156	6	Good, Fine to medium sand	
8	164 – 170	6	Good, Fine to medium sand	
9	200 – 224	24	Good, Fine to medium sand	
10	226 – 230	4	Good, Fine to medium sand	

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

Verified as per
logs provided.

G.Sh
23/02/23



(G.S. Singh)
Geophysicist