



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/292

Date : 25.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 25.07.23

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	30 – 40	10	Good, Fine to medium sand	$R_{mf} = 24 \Omega m$ $R_w = 27 \Omega m$
2	45 – 50	5	Good, Fine to medium sand	
3	60 – 66	6	Good, Fine to medium sand	
4	80 – 86	6	Good, Fine to medium sand	
5	94 – 97	3	Good, Fine to medium sand	
6	103 – 120	17	Good, Fine to medium sand	
7	125 – 130	5	Good, Fine to medium sand	
8	155 – 160	5	Good, Fine to medium sand	
9	173 – 178	5	Good, Fine to medium sand	
10	193 – 196	3	Good, Fine to medium sand	
11	210 – 240	30	Good, Fine to medium sand	
12	254 – 265	11	Good, Fine to medium sand	

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

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



(A.K. Singh)
Geophysicist