



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/343

Date : 29.09.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 265 mbgl

Date of Logging : 29.09.23

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 strara	R _{mf} & R _w
1	40 – 50	10	Good, Fine to medium sand	R _{mf} = 22 Ωm R _w = 24 Ωm
2	70 – 86	16	Good, Fine to medium sand	
3	95 – 100	5	Good, Fine to medium sand	
4	115 – 122	7	Good, Fine to medium sand	
5	126 – 130	4	Good, Fine to medium sand	
6	140 – 150	10	Good, Fine to medium sand	
7	165 – 173	8	Good, Fine to medium sand	
8	177 – 182	5	Good, Fine to medium sand	
9	185 – 192	7	Good, Fine to medium sand	
10	205 – 211	6	Good, Fine to medium sand	
11	222 – 237	15	Good, Fine to medium sand	
12	240 – 248	8	Good, Fine to medium sand	

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

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

29/09/23

Seen
SW

JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

Seen

(A.K. Singh)
Geophysicist