



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/318

Date : 18.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Bhagwanpur, Block – Tulsipur
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 265 mbgl

Date of Logging : 18.08.23

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	45 – 53	8	Good, Fine to medium sand	R _{mf} = 22 Ωm R _w = 23 Ωm
2	69 – 75	6	Good, Fine to medium sand	
3	77 – 82	5	Good, Fine to medium sand	
4	92 – 95	3	Good, Fine to medium sand	
5	96 – 101	5	Good, Fine to medium sand	
6	110 – 115	5	Good, Fine to medium sand	
7	123 – 127	5	Good, Fine to medium sand	
8	152 – 160	8	Good, Fine to medium sand	
9	197 – 204	7	Good, Fine to medium sand	
10	220 – 230	10	Good, Fine to medium sand	
11	233 – 244	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