



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/358

Date : 17.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Puranpur, Block – Tulsipur
Distt - Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 270 mbgl

Date of Logging : 17.10.23

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)	Thickne ss (m)	Types of strara	R _{mf} & R _w
1	50 - 55	5	Good, Fine to medium sand	R _{mf} = 22 Ωm R _w = 25 Ωm
2	72 - 87	15	Good, Fine to medium sand	
3	102 - 107	5	Good, Fine to medium sand	
4	122 - 132	10	Good, Fine to medium sand	
5	149 - 155	6	Good, Fine to medium sand	
6	170 - 183	13	Good, Fine to medium sand	
7	205 - 213	8	Good, Fine to medium sand	
8	218 - 224	6	Good, Fine to medium sand	
9	235 - 245	10	Good, Fine to medium sand	
10	247 - 253	6	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