



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/348

Date : 06.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sakara Itai Adham, Block – Utraula
Distt. – Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 167 mbgl

Date of Logging : 06.10.23

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



Logger Used : IGIS

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	25 – 35	10	Good, Fine to medium sand	R _{mf} = 24 Ωm R _w = 26 Ωm
2	46 – 55	9	Good, Fine to medium sand	
3	63 – 70	7	Good, Fine to medium sand	
4	74 – 81	7	Good, Fine to medium sand	
5	90 – 102	12	Good, Fine to medium sand	
6	118 – 126	8	Good, Fine to medium sand	
7	142 – 150	8	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