



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/351

Date : 06.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 265 mbgl

Date of Logging : 06.10.23

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)	Thickne ss (m)	Types of strara	R_{mf} & R_w
1	74 – 85	11	Good, Fine to medium sand	$R_{mf} = 21 \Omega m$ $R_w = 22 \Omega m$
2	100 – 113	13	Good, Fine to medium sand	
3	118 – 123	5	Good, Fine to medium sand	
4	131 – 137	6	Good, Fine to medium sand	
5	145 – 151	6	Good, Fine to medium sand	
6	180 – 192	12	Good, Fine to medium sand	
7	212 – 216	4	Good, Fine to medium sand	
8	220 – 223	3	Good, Fine to medium sand	
9	227 – 2238	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