



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/294

Date : 26.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Vijay Nagar, Block – Pachpedwa
Distt. – Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 26.07.23

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)	Thickness (m)	Probable Lithology	Remarks	R_{mf} & R_w
1	30 – 36	6	Fine to medium sand	Good	$R_{mf} = 22 \Omega m$ $R_w = 24 \Omega m$
2	42 – 48	6	Fine to medium sand	Good	
3	74 – 80	6	Fine to medium sand	Good	
4	90 – 102	12	Fine to medium sand	Good	
5	125 – 135	10	Fine to medium sand	Good	
6	145 – 161	16	Fine to medium sand	Good	
7	176 – 194	18	Fine to medium sand	Good	
8	200 – 215	15	Fine to medium sand	Good	
9	250 – 262	12	Fine to medium sand	Good	

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

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

Drink

(A.K. Singh)
Geophysicist