



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/210

Date : 02.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 02.05.23

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

Logger Used : Upron

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	32 – 37	5	Fine to medium sand	Good	R_{mf} = 24 Ωm
2	45 – 50	5	Fine to medium sand	Good	R_w = 26.2 Ωm
3	52 – 56	4	Fine to medium sand	Good	
4	58 – 61	3	Fine to medium sand	Good	
5	71 – 74	3	Fine to medium sand	Good	
6	78 – 85	7	Fine to medium sand	Good	
7	90 – 93	3	Fine to medium sand ← J	Good	
8	105 – 109	4	Fine to medium sand	Good	
9	122 – 126	4	Fine to medium sand	Good	
10	131 – 136	5	Fine to medium sand J ← K ← I	Good	
11	139 – 142	3	Fine to medium sand	Good	
12	146 – 149	3	Fine to medium sand	Good	
13	154 – 157	3	Fine to medium sand – Kankar Inter mixed.	Good	
14	159 – 162	3	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

Verified as per logs provided

GSh
02/05/23



(A.K. Singh)
Geophysicist