



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/JJM/ Balrampura/229

Date : 11.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Vaibheet, Block – Sridattganj
District - Balrampur

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : ~~160 mbgl~~

Date of Logging : 11.05.23

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)	Thickness (m)	Types of strata	R_{mf} & R_w
1	30 – 40	10	Good, Fine to medium sand	$R_{mf} = 24 \Omega m$
2	45 – 53	8	Good, Fine to medium sand	$R_w = 27.6 \Omega m$
3	55 – 60	5	Good, Fine to medium sand, highly kankar mixed	
4	69 – 74	5	Good, Fine to medium sand	
5	82 – 88	6	Good, Fine to medium sand	
6	92 – 96	4	Good, Fine to medium sand	
7	110 – 116	6	Good, Fine to medium sand	
8	119 – 130	11	Good, Fine to medium sand	
9	148 – 152	4	Good, Fine to medium sand	

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
12/05/23



(A.K. Singh)
Geophysicist