



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/190

Date : 16.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 168 ~~mbgl~~

Date of Logging : 16.04.23

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)	Types of strata	R_{mf} & R_w
1	30 – 41	11	Good, Fine to medium sand	$R_{mf} = 26.8 \Omega m$
2	46 – 53	7	Good, Fine to medium sand	$R_w = 27 \Omega m$
3	55 – 66	11	Good, Fine to medium sand, kankar mixed	
4	70 – 77	7	Good, Fine to medium sand	
5	86 – 90	4	Good, Fine to medium sand	
6	92 – 95	3	Good, Fine to medium sand	
7	106 – 113	7	Good, Fine to medium sand	
8	118 – 121	3	Good, Fine to medium sand	
9	125 – 135	10	Good, Fine to medium sand	
10	149 – 155	6	Good, Fine to medium sand	
11	160 – 166	6	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
Note - Sr No 10 -
149-153
(4m)
GSh
17/04/23



(A.K. Singh)
Geophysicist