



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/198

Date : 20.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sikarnafi, Block – Utraula
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~168 mbgl~~

Date of Logging : 20.04.23

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	27 – 35	8	Good, Fine to medium sand	R_{mf} = 28 Ωm R_w = 30.1 Ωm
2	47 – 55	8	Good, Fine to medium sand	
3	65 – 75	10	Good, Fine to medium sand	
4	86 – 93	7	Good, Fine to medium sand	
5	100 – 110	10	Good, Fine to medium sand	
6	117 – 131	14	Good, Fine to medium sand	
7	141 – 150	9	Good, Fine to medium sand	
8	164 – 167	3	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 4 - 90-93
(3m)

G.Sh
21/04/23

