



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/127

Date : 25.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 25.02.23

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} = 29 Ωm R _w = 30.1 Ωm
2	44 – 70	26	Good, Fine to medium sand	
3	75 – 88	13	Good, Fine to medium sand, kankar mixed	
4	90 – 101	11	Good, Fine to medium sand	
5	107 – 110	3	Good, Fine to medium sand	
6	115 – 121	6	Good, Fine to medium sand	
7	125 – 133	8	Good, Fine to medium sand	
8	144 – 150	6	Good, Fine to medium sand	
9	156 – 160	4	Good, Fine to medium sand	

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

Verified as per
logs provided.
Note - Sr No 8-144-148
(4m)
G.S.H
27/02/23



(A.K. Singh)
Geophysicist