



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Balrampur/44

Date : 11.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Jawara, Block – Rehra Bazar
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 11.12.22

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)	Probable Lithology	Remarks	R_{mf} & R_w
1	25 – 35	10	Fine to medium sand	Good	$R_{mf} = 26.2 \Omega m$ $R_w = 28 \Omega m$
2	55 – 63	8	Fine to medium sand	Good	
3	69 – 83	14	Fine to medium sand	Good	
4	94 – 98	4	Fine to medium sand	Good	
5	105 – 108	3	Fine to medium sand	Good	
6	118 – 121	3	Fine to medium sand	Good	
7	130 – 139	9	Fine to medium sand, Kankar mixed	Good	
8	142 – 147	5	Fine to medium sand, kankar mixed	Good	
9	154 – 160	6	Fine to medium sand, kankar intermixed	Good	

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

*Verified as per logs provided.
Note:- Sr No 3-69-75
(Gm) | Gish
12/12/22*



(A.K. Singh)
Geophysicist