



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/56

Date : 25.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~160~~ mbgl

Date of Logging : 25.12.22

Types of Log : ~~S.P.~~ & Resistivity (Normal & Lateral)

Logger Used : ~~Upron~~



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	37 – 42	5	Fine to medium sand	Good	R_{mf} = 23.8 Ωm
2	47 – 67	20	Fine to medium sand	Good	R_w = 25 Ωm
3	72 – 77	5	Fine to medium sand	Good	
4	82 – 87	5	Fine to medium sand	Good	
5	93 – 97	4	Fine to medium sand	Good	
6	100 – 110	10	Fine to medium sand	Good	
7	115 – 122	7	Fine to medium sand	Good	
8	126 – 130	4	Fine to medium sand	Good	
9	136 – 143	7	Fine to medium sand	Good	
10	153 – 156	3	Fine to medium sand	Good	

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

Verified as per
logs provided.
Note - Sr No 6 - 102 - 110 (8m)
Sr No 7 - 115 - 121 (7m)

G.S.S.
26/12/22



(A.K. Singh)
Geophysicist