



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/182

Date : 09.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Baldev Nagar, Block – Harraiya Satgharwa
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~244 mbgl~~

Date of Logging : 09.04.23

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)	Probable Lithology	Remarks	R_{mf} & R_w
1	35 – 41	6	Fine to medium sand	Good	$R_{mf} = 22 \Omega m$
2	57 – 61	4	Fine to medium sand	Good	$R_w = 23.2 \Omega m$
3	67 – 74	7	Fine to medium sand	Good	
4	90 – 94	4	Fine to medium sand	Good	
5	110 – 113	3	Fine to medium sand	Good	
6	118 – 125	7	Fine to medium sand, kankar intermixed	Good	
7	130 – 140	10	Fine to medium sand	Good	
8	168 – 180	12	Fine to medium sand, kankar intermixed	Good	
9	183 – 188	5	Fine to medium sand	Good	
10	210 – 214	4	Fine to medium sand	Good	
11	217 – 221	4	Fine to medium sand	Good	

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

Verified as per
logs provided

G.S.G.
10/04/23



(A.K. Singh)
Geophysicist