



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/53

Date : 24.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Bhagta, Block – Harriya Satgharwa
District - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~270~~ mbgl

Date of Logging : 24.12.22

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

Logger Used : ~~Uptron~~

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	32 – 38	6	Fine to medium sand	Good	$R_{mf} = 23 \Omega m$ $R_w = 24.1 \Omega m$
2	77 – 88	11	Fine to medium sand	Good	
3	103 – 108	5	Fine sand	Good	
4	115 – 120	5	Fine to medium sand	Good	
5	126 – 129	3	Fine sand	Good	
6	133 – 136	3	Fine sand	Good	
7	145 – 154	9	Fine to medium sand	Good	
8	170 – 173	3	Fine to medium sand	Good	
9	178 – 184	6	Fine to medium sand	Good	
10	222 – 226	4	Fine to medium sand	Good	
11	233 – 245	12	Fine to medium sand	Good	
12	254 – 257	3	Fine to medium sand	Good	

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

*Verified as per
logs provided.
G.Sh
26/12/22*

Drish

(A.K. Singh)
Geophysicist