



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/15

Date : 13.09.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Bela , Block – Tulsipur
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~272~~ mbgl

Date of Logging : ~~13~~ 09.09.22

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	29 – 40	11	Fine to medium sand	Good	R _{mf} = 24.1Ωm R _w = 25.8Ωm
2	50 – 53	3	Fine sand	Good	
3	67 – 79	12	Fine to medium sand	Good	
4	90 – 100	10	Fine to medium sand	Good	
5	111 – 117	6	Fine to medium sand	Good	
6	126 – 135	9	Fine to medium sand, kankar intermixed	Good	
7	145 – 152	7	Fine to medium sand, kankar intermixed	Good	
8	183 – 200	17	Fine to medium sand, kankar intermixed	Good	
9	213 – 217	4	Finer sediments	Good	
10	225 – 232	7	Fine to medium sand	Good	
11	255 – 262	7	Fine to medium sand	Good	

Remark :.

C C:

1. M/S L & T Balrampur

Verified as per logs provided.

ASSISTANT HYDROGEOLOGIST
CIRCLE OFFICE (E/M)
1/27 JANKIPURAM (RURAL)
PRAYAGRAJ

Dr. Singh

(Dr. Singh)
Geophysicist