



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/14

Date : 07.09.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 210 mbgl

Date of Logging : 07.09.22

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	39 – 45	6	Fine to medium sand	Good	R _{mf} = 22Ωm R _w = 24Ωm
2	51 – 54	3	Fine to medium sand	Good	
3	60 – 66	6	Fine to medium sand	Good	
(4)	70 – 73	3	Finer sediments	Good	
5	75 – 82	7	Fine to medium sand	Good	
6	90 – 95	5	Fine to medium sand, Highly kankar intermixed	Good	
7	97 – 100	3	Fine to medium sand, Highly kankar intermixed	Good	
8	120 – 128	8	Fine to medium sand	Good	
9	146 – 156	10	Finer sediments	Good	
10	160 – 166	6	Fine to medium sand	Good	
11	170 – 175	5	Fine to medium sand	Good	
12	180 – 184	4	Finer sediments	Good	
13	189 – 193	4	Fine to medium sand	Good	

Remark :.

CC:

1 M/S L & T Balrampur

Verified as per logs provided.
Note. Sr No 8 may consider 122-128 (6m) and Sr No 10 - as 162-166 (4m), to avoid finer sediments.

GIC
ASSISTANT HYDROGEOLOGIST
CIRCLE OFFICE (E/M)
O.P. JAL NIGAM (RURAL)
PRAYAGRAJ

Drink

(R.K. Singh)
Geophysicist