



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/JJM/ Balrampura/253

Date : 07.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~160 mbgl~~

Date of Logging : 07.06.23

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)	Types of strata	R_{mf} & R_w
1	20 – 36	16	Good, Fine to medium sand	$R_{mf} = 23 \Omega m$
2	47 – 55	8	Good, Fine to medium sand	$R_w = 26.1 \Omega m$
3	65 – 69	4	Good, Fine to medium sand	
4	75 – 83	8	Good, Fine to medium sand	
5	85 – 90	5	Good, Fine to medium sand – Kankar f.	
6	103 – 110	7	Good, Fine to medium sand	
7	125 – 132	7	Good, Fine to medium sand – Kankar f.	
8	139 – 153	14	Good, Fine to medium sand	

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

CC : Executive Engineer (E/M Div) U P Jal Nigam (Gramin), Gonda

Verified as per
logs provided
Note - Sr No 3 - 65-68 (3m)
Sr No 5 - 85-92 (7m)

G.S.N
08/06/23



(A.K. Singh)
Geophysicist