



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/274

Date : 20.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~ 160 mbgl

Date of Logging : 20.06.23

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	36 – 42	6	Good, Fine to medium sand	R_{mf} = 23.6 Ωm R_w = 25.4 Ωm
2	47 – 56	9	Good, Fine to medium sand	
3	60 – 65	5	Good, Fine to medium sand	
4	75 – 82	7	Good, Fine to medium sand	
5	86 – 95	9	Good, Fine to medium sand	
6	107 – 112	5	Good, Fine to medium sand	
7	119 – 122	3	Good, Fine to medium sand	
8	130 – 135	5	Good, Fine to medium sand	
9	150 – 160	10	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 4 - 76-80 (4m)

*gsh
21/06/23*

Drish

(A.K. Singh)
Geophysicist