



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email: sl.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/276

Date : 25.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Ailara, Block – Gaidas Bujurg
Distt. – Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~160 mbgl~~

Date of Logging : 25.06.23

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	25 – 35	10	Good, Fine to medium sand	R _{mf} = 26 Ωm R _w = 29 Ωm
2	40 – 52	12	Good, Fine to medium sand	
3	87 – 92	5	Good, Fine to medium sand	
4	95 – 100	5	Good, Fine to medium sand	
5	103 – 106	3	Good, Fine to medium sand	
6	112 – 118	6	Good, Fine to medium sand	
7	122 – 132	10	Good, Fine to medium sand, kankar mixed — <i>Highly</i>	
<u>8</u>	<u>142 – 150</u>	<u>8</u>	<u>Good, Fine to medium sand</u>	

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

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

Verified as per logs provided

Abhay Tiwari
JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

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26/06/23*

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(A.K. Singh)
Geophysicist