



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

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

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/398

Date : 21.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Thudowaliya, Block – Pachpedwa
Distt - Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 277 mbgl

Date of Logging : 21.11.23

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 strara	R _{mf} & R _w
1	41 – 46	5	Good, Fine to medium sand	R _{mf} = 23 Ωm R _w = 24.3 Ωm
2	55 – 61	6	Good, Fine to medium sand	
3	90 – 95	5	Good, Fine to medium sand	
4	114 – 118	4	Good, Fine to medium sand	
5	130 – 136	6	Good, Fine to medium sand	
6	145 – 151	6	Good, Fine to medium sand	
7	167 - 175	8	Good, Fine to medium sand	
8	185 – 194	9	Good, Fine to medium sand	
9	200 – 209	9	Good, Fine to medium sand	
10	248 – 257	9	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 257 mbgl to till depth logged.

CC: 1. Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

Drink

(A.K. Singh)
Geophysicist