



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/388

Date : 07.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Koyal Khar, Block – Gaisandi
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 260 mbgl

Date of Logging : 07.11.23

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)	Types of strata	R _{mf} & R _w
1	30 – 38	8	Good, Fine to medium sand	R _{mf} = 20 Ωm R _w = 22 Ωm
2	50 – 53	3	Good, Fine to medium sand	
3	60 – 67	7	Good, Fine to medium sand	
4	85 – 93	8	Good, Fine to medium sand	
5	98 – 120	22	Good, Fine to medium sand	
6	126 – 138	12	Good, Fine to medium sand	
7	150 – 157	7	Good, Fine to medium sand	
8	160 – 174	14	Good, Fine to medium sand	
9	209 – 220	11	Good, Fine to medium sand	
10	230 – 236	6	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 236 mbgl to till depth logged.

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



(A.K. Singh)
Geophysicist