



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

GSTIN: 09ANAPS3037Q1ZG

MSME: UDYAM-UP-50-0135993

Ref: GIC/JJM/ Gonda/432

Date : 09.12.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bitwaria Kalan, Block – Harraiya Satgharwa
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 272 mbgl

Date of Logging : 09.12.24

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : Upton



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	60 – 66	6	Good, Fine to medium sand	R _{mf} = 21 Ωm R _w = 22.6 Ωm
✓2	80 – 88	8	Good, Fine to medium sand	
✓3	112 – 122	10	Good, Fine to medium sand	
✓4	145 – 150	5	Good, Fine to medium sand	
✓5	160 – 166	6	Good, Fine to medium sand	
✓6	175 – 180	5	Good, Fine to medium sand	
✓7	182 – 192	10	Good, Fine to medium sand	
✓8	195 – 200	5	Good, Fine to medium sand	
9	207 – 213	6	Good, Fine to medium sand	
10	215 – 222	7	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. Below 222 mbgl, clay kankar exist.

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

Seen
Sm



(A.K. Singh)
Geophysicist