



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/ Bahraich/05

Date : 23.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Chilaoli, Block – Jarwal
District - Bahraich

Drilling Depth : 335 mbgl as Reported by Driller

Logged Depth : ~~330 mbgl~~

Date of Logging : 23.05.23

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)	Probable Lithology	Remarks	R _{mf} & R _w
1	40 – 46	6	Fine to medium sand	Good	R _{mf} = 19.6 Ωm R _w = 21 Ωm
2	55 – 62	7	Fine to medium sand	Good	
3	72 – 80	8	Fine to medium sand	Good	
4	86 – 91	5	Fine to medium sand	Good	
5	100 – 107	7	Fine to medium sand	Good	
6	120 – 127	7	Fine to medium sand	Good	
7	140 – 147	7	Fine to medium sand	Good	
8	150 – 157	7	Fine to medium sand	Good	
9	173 – 180	7	Fine to medium sand	Good	
10	191 – 200	9	Fine to medium sand	Good	
11	210 – 217	7	Fine to medium sand	Good	
12	222 – 238	16	Fine to medium sand	Good	
13	277 – 284	7	Fine to medium sand	Good	
14	305 – 310	5	Fine to medium sand	Good	
15	312 – 316	4	Fine to medium sand	Good	

Remark: . Almost all zones are intermixed with fine bands of kankar. Good clay encountered from 29-32, 49-51, 95 – 98, 133 – 135, 164 – 167, 265 – 267, 298 - 301, mbgl.

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

Verified as per logs provided.
Note. Zone in b/w 250-253 (3m) ^{Drinker}
260-264 (4m) and
270-274 (4m) may /
review
G. Singh
25/05/23
Geophysicist

