



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/Amethi/9

Date : 16.11.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Thokarpur, Block – Tiloi
Distt. – Amethi

Drilling Depth : 400 mbgl as reported by Driller

Logged Depth : ~~370~~ mbgl

Date of Logging : 16.11.22

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)	Quality & Types of strata	R _{mf} & R _w
1	34 – 40	6	Good	R _{mf} = 17.6 Ωm R _w = 19.1 Ωm
2	52 – 55	3	Good	
3	75 – 82	7	Good	
4	205 – 214	9	Moderate	
5	228 – 235	7	Moderate	
6	295 – 300	5	moderate	
7	325 – 328	3	Good to moderate	
8	334 – 338	4	Good	
9	358 – 365	10 7	Good	

Remark : The formation water quality is deteriorating from marginal to saline in between 94 mbgl to 185 mbgl and further quality is poor in between 246 mbgl to 280 mbgl. Almost all zones are intermixed with fine bands of kankar.

Verified after logs provided.

G.S.S.
ASSISTANT HYDROGEOLOGIST
17/11/22 (EM)
UP JAL NIGAM (RURAL)
GHAZIABAD (U.P.)



(A. Singh)
Geophysicist