



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/ Sidharth Nagar/2

Date : 17.02.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Natwar, Block – Lotan
Distt. – Sidharth Nagar

Drilling Depth : 210 mbgl

Logged Depth : 197 mbgl

Date of Logging : 17.02.22

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)	Types of strata	R _{mf} & R _w
1	29 – 35	6	Good	R _{mf} = 38 Ωm R _w = 40 Ωm
2	42 – 50	8	Good	
3	74 – 90	16	Good	
4	98 – 110	12	Good	
5	114 – 119	5	Good	
6	140 – 145	5	Good	
7	157 – 160	3	Good, Fine sand	

Remark : Ground water quality is good. Log is influenced by high tension line.

CC :

1. Megha Engineering & Infracure Limited, Hyderabad

*Verified as per logs provided.
Note - As logs are highly influenced by high tension line, physical correlation of strata obtained from well with selected zones is must.*

h.s.
ASSISTANT HYDROGEOLOGIST
JANKIPURAM MANDAL
UPJAL NIGAM (RURAL)
PRAYAGRAJ

Arind

(A.K. Singh)
Geophysicist