



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/Sultanpur/6

VTL

Date : 30.12.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Harihar Isapur, Block – Dubepur
Distt. – Sultanpur

Drilling Depth : 300 mbgl as reported by Driller

Logged Depth : 270 mbgl

Date of Logging : 30.12.23

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)	Quality & Types of strata	R_{mf} & R_w
1	35 – 40	5	Good	$R_{mf} = 17 \Omega m$ $R_w = 19.5 \Omega m$
2	45 – 55	10	Good	
3	62 – 85	23	Good	
4	111 – 116	5	Moderate	
5	124 – 130	6	Moderate	

Remark: Almost all zones are intermixed with fine bands of kankar. The formation water quality is deteriorating marginal to saline below 140 mbgl to till depth logged.

CC: VTL Sultanpur



(A.K. Singh)
Geophysicist