



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/ Sitapur/831

Date : 17.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Amar Nagar, Gurela, Ratauli & Bareti, Block - Behta
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : 150 mbgl

Date of Logging : 17.07.23

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



Logger Used : IGIS

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 – 47	12	Good	$R_{mf} = 29 \Omega m$ $R_w = 30 \Omega m$
2	50 – 57	7	Good	
3	65 – 72	7	Good	
4	80 – 83	3	Good	
5	95 – 108	13	Good	
6	111 – 117	6	Good	
7	124 – 130	6	Good	
8	135 – 145	10	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 145 mbgl.

C C : M/S NCC Sitapur



(A.K. Singh)
Geophysicist