



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/JJM/ Sitapur/590

Date : 25.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Gularamau, Block - Mahmudabad
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : 165 mbgl

Date of Logging : 25.04.23

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	36 – 39	3	Good	$R_{mf} = 27.6 \Omega m$ $R_w = 30 \Omega m$
2	45 – 50	5	Good	
3	53 – 57	4	Good	
4	75 – 78	3	Good	
5	94 – 100	6	Good	
6	110 – 115	5	Good	
7	118 – 135	17	Good	
8	141 – 144	3	Good	
9	147 – 152	5	Good	

Remark : Almost all zones are intermixed with fine bands of kankar.

C C :

1. M/S NCC Sitapur

Verified as per logs provided
G.S. Singh
27/04/23



(G.S. Singh)
Geophysicist