



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/582

Date : 20.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Kurwal, Block - Mahmudabad
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~157 mbgl~~

Date of Logging : 20.04.23

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 strara	R_{mf} & R_w
1	39 – 45	6	Good	$R_{mf} = 27 \Omega m$ $R_w = 29.1 \Omega m$
2	54 – 57	3	Good	
3	66 – 76	10	Good	
4	80 – 87	7	Good	
5	103 – 115	12	Good	
6	139 – 147	8	Good	

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

C C :
I.M/S NCC Sitapur

Verified as per
logs provided

G.Sh
21/04/23



(G.S. Singh)
Geophysicist