



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/526

Date : 29.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Sarwahanpur, Block - Bisawan
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 29.03.23

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	40 – 50	10	Good	$R_{mf} = 24 \Omega m$
2	56 – 65	9	Good	$R_w = 24.9 \Omega m$
3	80 – 105	25	Good, kankar intermixed	
4	112 – 118	6	Good	
5	139 – 151	12	Good	
6	160 – 163	3	Good	

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

CC :
I.M/S NCC Ltd Sitapur

Verified as per
logs provided.

GSh
31/03/23



(A.K. Singh)
Geophysicist