



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/524

Date : 29.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Rampur Mathura, Block - Rampur Mathura
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~160 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	37 – 45	8	Good	$R_{mf} = 26.3 \Omega m$ $R_w = 28 \Omega m$
2	60 – 80	20	Good, kankar intermixed	
3	84 – 94	10	Good	
4	105 – 125	20	Good, kankar intermixed	
5	136 – 145	9	Good, kankar intermixed	

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

CC :
I.M/S NCC Ltd Sitapur

Verified as per
logs provided.
Note. Sr No 4 - 105-115 (10m)
and 121-125 (4m)

↑
GSh
31/03/23



(A.K. Singh)
Geophysicist