



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/700

Date : 04.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Lahangpur, Block - Machharehta
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~135 mbgl~~

Date of Logging : 04.06.23

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	29 – 33	4	Good	$R_{mf} = 22.1 \Omega m$ $R_w = 24.2 \Omega m$
2	41 – 44	3	Good	
3	73 – 76	3	Good	
4	80 – 83	3	Good	
5	100 – 108	8	Good	
6	112 – 123	11	Good	
7	129 – 133	4	Good	

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

CC :
1.M/S NCC Sitapur

Verified as per logs provided
Note. Correlate given strata with driller's logs.
G.S.H.
0.5706/23



(A.K. Singh)
Geophysicist