



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/369

Date : 07.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 07.01.23

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	27 – 40	13	Good	$R_{mf} = 23.2 \Omega m$ $R_w = 24 \Omega m$
2	44 – 47	3	Good	
3	84 – 89	5	Good	
4	100 – 115	15	Good, Intermixed kankar bands	
5	123 – 130	7	Good	
6	144 – 155	11	Good, Intermixed kankar bands	

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

CC :
I.M/S NCC Sitapur

*Verified as per
logs provided.
Note - Sr No 4-100-107 (7m)
Sr No 6-144-154 (10m)*

*G.Sh
09/01/23*



(A.K. Singh)
Geophysicist