



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/394

Date : 19.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Bishun Nagar & Sarai Yusuf, Block - Khairabad
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~160~~ mbgl

Date of Logging : 19.01.23

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 – 31	4	Good	$R_{mf} = 24.8 \Omega m$ $R_w = 26.2 \Omega m$
2	55 – 61	6	Good	
3	67 – 72	5	Good	
4	77 – 83	6	Good	
5	90 – 97	7	Good, Intermixed fine bands of kankar	
6	110 – 122	12	Good, Intermixed fine bands of kankar	
7	125 – 130	5	Good, Intermixed fine bands of kankar	
8	144 – 147	3	Good	

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

C C :

1.M/S NCC Sitapur

*Verified as per logs provided.
Note - Sr No 4 - 79-83 (4m)
G.S.K.
20/01/23*



(G.S.K. Singh)
Geophysicist