



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/372

Date : 09.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Khatkari, Block - Ailiya
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~160~~ mbgl

Date of Logging : 09.01.23

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	23 – 30	7	Good	$R_{mf} = 26.1 \Omega m$
2	37 – 51	14	Good	$R_w = 27.7 \Omega m$
3	57 – 61	4	Good, Finer sediments	
4	75 – 79	4	Good, Finer sediments	
5	87 – 96	9	Good	
6	105 – 115	10	Good, Intermixed fine bands of kankar	
7	122 – 140	18	Good, Intermixed fine bands of kankar	

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 6 and 7 are highly kankar intermixed and sr no 7 - 122 - 140 (16m)
G.Sh
10/01/23*



(A.K. Singh)
Geophysicist