



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/483

Date : 28.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Kalyanpur, Block - Bisawan
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~140 mbgl~~

Date of Logging : 28.02.23

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 – 33	6	Good	$R_{mf} = 24.1 \Omega m$ $R_w = 25.8 \Omega m$
2	40 – 45	5	Good	
3	50 – 65	15	Good, intermixed kankar bands	
4	75 – 82	7	Good, intermixed kankar bands	
5	84 – 90	6	Good, intermixed kankar bands	
6	95 – 108	13	Good	
7	112 – 117	5	Good, intermixed kankar bands	
8	122 – 127	5	Good	

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

CC :

1.M/S NCC Sitapur

Verified as per logs provided.

*GSh
09/03/23*

Anish

(A.K. Singh)
Geophysicist