



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/1076

Date : 07.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill.- Ajaypur -2, Block - Reusa
Distt. – Sitapur

Drilling Depth : 167 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	25 – 39	14	Good	$R_{mf} = 23 \Omega m$ $R_w = 26 \Omega m$
2	45 – 54	9	Good	
3	62 – 80	18	Good	
4	97 – 104	7	Good	
5	120 – 127	7	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 127 mbgl to till depth logged. Very fine sand exist below 127 mbgl to till depth logged.

C C : M/S L & T Sitapur


A.K.Singh
Geophysicist

