



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/642

Date : 17.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Gangoy, Block - Gondalamau
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~160 mbgl~~

Date of Logging : 17.05.23

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	33 – 37	4	Good	$R_{mf} = 17.1 \Omega m$ $R_w = 20.6 \Omega m$
2	55 – 62	7	Good	
3	65 – 73	8	Good	
4	76 – 82	6	Good	
5	102 – 107	5	Good	
6	124 – 138	14	Good	
7	147 – 150	3	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. Log specially short normal are effected by electrical disturbances and borehole condition (borehole dia, cow dung etc.). So logs are interepeted onbasis of Lateral, long normal & S P.

CC :
I.M/S NCC Sitapur

Verified as per logs provided.

G. S. S.
18/05/23

Note - Correlate above zones with strata obtained by driller.

Dr. A. K. Singh

(A.K. Singh)
Geophysicist