



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/475

Date : 23.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Samanpur Mafi, Block - Rampur Mathura
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~160 mbgl~~

Date of Logging : 23.02.23

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	30 – 36	6	Good	$R_{mf} = 36.4 \Omega m$ $R_w = 38 \Omega m$
2	42 – 45	3	Good	
3	67 – 77	10	Good	
4	85 – 94	9	Good, highly kankar mixed	
5	100 – 112	12	Good, kankar intermixed	
6	130 – 140	10	Good	
7	143 – 152	9	Good, kankar intermixed	
8	155 – 158	3	Good	

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

CC :

1.M/S NCC Sitapur

Verified as per logs provided.
G.S.K
23/02/23

Arink

(A.K. Singh)
Geophysicist