



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/671

Date : 27.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Newada Kalan, Block - Machharehta
Distt. – Sitapur

Drilling Depth : 168 mbgl – as reported by driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 27.05.23

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	35 – 46	11	Good	$R_{mf} = 20.1 \Omega m$ $R_w = 22.3 \Omega m$
2	60 – 63	3	Good	
3	86 – 98	12	Good	
4	102 – 108	6	Good	
5	112 – 117	5	Good	
6	142 – 147	5	Good	
7	156 – 162	6	Good	

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

CC :
I.M/S NCC Sitapur

*Verified as per logs provided
- G.S. 29/05/23*

Anish

(A.K. Singh)
Geophysicist