



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/47

Date : 31.03.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Rajepura, Block – Machharehta
Distt. – Sitapur

Drilling Depth : 175 mbgl – as reported by driller

Logged Depth : 172 mbgl

Date of Logging : 31.03.22

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : IGIS

Presence : Representative of M/S NCC Ltd.

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	R _{mf} & R _w
1	22 – 33	11	Good	R _{mf} = 25 Ωm R _w = 26 Ωm
2	45 – 56	11	Good	
3	60 – 64	4	Good	
4	75 – 87	12	Good	
5	109 – 114	5	Good	
6	116 – 132	16	Good	
7	147 – 164	17	Good	

Remark : Strata of all zones are good for lowering. Ground water quality is **good**.

C C :

1. M/S NCC Ltd, Sitapur
2. M/S Jagan Industries, Sitapur U P

A.K.Singh
Geophysicist