



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/48

Date : 31.03.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Umari Ganeshpur, Block – Rampur Mathura
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : 165 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	25 – 32	7	Good	R _{mf} = 29 Ωm R _w = 32 Ωm
2	40 – 49	9	Good	
3	52 – 62	10	Good	
4	70 – 75	5	Good	
5	77 – 95	18	Good	
6	100 – 106	6	Good	
7	135 – 155	20	Good	

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

C C :

1. M/S NCC Ltd, Sitapur

A.K.Singh
Geophysicist