



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/19

Date : 12.02.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Desi Laukiya, Block – Rampur Mathura
Distt. – Sitapur

Drilling Depth : 165 mbgl

Logged Depth : 163 mbgl

Date of Logging : 12.02.22

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

Logger Used : Uptron

Presence : Representative of M/S L & T 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 strara	R _{mf} & R _w
1	34 – 42	8	Good	R _{mf} = 16 Ωm R _w = 20 Ωm
2	45 – 48	3	Good	
3	55 – 60	5	Good	
4	63 – 70	7	Good	
5	81 – 91	10	Good	
6	102 – 111	9	Good	
7	113 – 126	13	Good	
8	140 – 145	5	Good	
9	153 – 159	6	Good	

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

CC :

1. M/S NCC Ltd, Sitapur

A.K.Singh
Geophysicist