



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/8

Date : 14.01.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Maheva, Block – Maholi
Distt. – Sitapur

Drilling Depth : 175 mbgl

Logged Depth : 170 mbgl

Date of Logging : 14.01.22

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

Logger Used : Uptron

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 strara	R _{mf} & R _w
1	27 – 34	7	Good	R _{mf} = 23.6 Ωm R _w = 24.8 Ωm
2	42 – 51	9	Good	
3	54 – 59	5	Good	
4	87 – 96	9	Good	
5	115 – 130	15	Good	
6	135 – 140	5	Good	
7	153 – 161	8	Good	

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

C C :

1. Executive Engineer, XIIIth Div. (E/M) U P Jal Naigam, Lucknow
2. M/S NCC Limited, Sitapur
3. M/S Jagan Industries, Muzaffarpur, Bihar

A.K.Singh
Geophysicist