



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/880

Date : 31.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Bhat Purwa, Block - Maholi
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : 150 mbgl

Date of Logging : 31.07.23

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	30 – 35	5	Good	R _{mf} = 20.3 Ωm R _w = 22 Ωm
2	47 – 55	8	Good	
3	58 – 67	9	Good	
4	76 – 82	6	Good	
5	90 – 100	10	Good	
6	108 – 118	10	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 118 mbgl.

C C : M/S NCC Sitapur

A.K.Singh
Geophysicist