



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/481

Date : 28.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Mudiara, Block - Mishrikh
Distt. – Sitapur

Drilling Depth : 168 mbgl – as reported by driller

Logged Depth : 165 mbgl

Date of Logging : 28.02.23

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	25 – 28	3	Good	R _{mf} = 28 Ωm R _w = 29.1 Ωm
2	50 – 63	13	Good	
3	72 – 87	15	Good, intermixed kankar bands	
4	97 – 106	9	Good, intermixed kankar bands	
5	118 – 132	14	Good, intermixed kankar bands	
6	144 – 155	11	Good	

Remark : Almost all zones are intermixed with fine bands of kankar.

C C :

I.M/S NCC Sitapur

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Geophysicist