



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/544

Date : 08.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Lauhi, Block - Machharehta
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~155 mbgl~~

Date of Logging : 08.04.23

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	37 – 40	3	Good	R_{mf} = 22.9 Ωm R_w = 23.3 Ωm
2	42 – 47	5	Good	
3	80 – 88	8	Good	
4	100 – 110	10	Good	
5	115 – 128	13	Good	
6	141 – 145	4	Good, fine sand	

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

*Verified as per
logs provided.
GIC
10/04/23*

Arish

(A.K. Singh)
Geophysicist