



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/Sultanpur/5

Date : 17.12.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bhulki Lolepur, Block – Dubepur
Distt. – Sultanpur

Drilling Depth : 275 mbgl as reported by Driller

Logged Depth : 270 mbgl

Date of Logging : 17.12.23

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

Logger Used : Uptron

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	27 – 50	23	Good	$R_{mf} = 18.6 \Omega m$ $R_w = 20.5 \Omega m$
2	70 – 76	6	Good	
3	80 – 90	10	Good	
4	102 – 106	4	Good	
5	130 – 138	8	Good	
6	150 – 157	7	Good to moderate	

Remark: Almost all zones are intermixed with fine bands of kankar. The formation water quality is deteriorating marginal to saline below 165 mbgl to till depth logged.

CC: VTL Sultanpur



(A.K. Singh)
Geophysicist