



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/Sultanpur/10

Date : 02.08.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bhulki Lolepur - 2, Block – Dubepur
Distt. – Sultanpur

Drilling Depth : 275 mbgl as reported by Driller

Logged Depth : 270 mbgl

Date of Logging : 02.08.24

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

Logger Used : Upton

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 – 51	21	Good	$R_{mf} = 19 \Omega m$ $R_w = 20.5 \Omega m$
2	60 – 67	7	Good	
3	81 – 90	9	Good	
4	105 – 111	6	Good	
5	122 – 127	5	Good	
6	131 – 140	9	Good	

Remark: Almost all zones are intermixed with fine bands of kankar. The formation water quality is deteriorating marginal to saline below 152 mbgl to till depth logged (270 mbgl).

CC1.1. VTL Sultanpur

2. Way Wise Global Services Pvt. Limited



(A.K. Singh)
Geophysicist