



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/579

Date: 30-10-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Dharampura, Block – Semariyawan,
Distt. – Sant Kabir Nagar

Drilling Depth (m) : 156.00 mbgl as reported by Driller

Logged Depth (m) : 153.50 mbgl

Date of Logging : 30.10.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : Jackson-Vishvaraj-JV.,

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	22 – 30	8	Good	$R_{mf} = 18.03 \Omega m$ $R_w = 20.92 \Omega m$
2	36 – 44	8	Good	
3	46 – 68	22	Good	
4	78 – 88	10	Good	
5	92 – 98	6	Good	
6	114 – 117	3	Good, Fine Sand	
7	138 – 144	6	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.



(A.K. Singh)
Geophysicist