



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/550

Date: 20-10-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Harijot, Block – Khuniyaon, Distt. – Siddharth Nagar

Drilling Depth (m) : 167.00 mbgl as reported by Driller

Logged Depth (m) : 165.30 mbgl

Date of Logging : 20.10.2023

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	24 – 36	12	Good	$R_{mf} = 15.87 \Omega m$ $R_w = 17.12 \Omega m$
2	42 – 52	10	Good	
3	63 – 70	7	Good	
4	74 – 82	8	Good	
5	90 – 94	4	Good	
6	99 – 102	3	Good	
7	118 – 126	8	Good	
8	140 – 144	4	Good	
9	154 – 160	6	Good	

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



(A.K. Singh)
Geophysicist