



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sapahi & Bharami, Block – Lotan,
Distt. – Siddharth Nagar

Drilling Depth (m) : 170.00 mbgl as reported by Driller

Logged Depth (m) : 162.10 mbgl

Date of Logging : 25.10.2023

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	30 – 38	8	Good	$R_{mf} = 14.29 \Omega m$ $R_w = 15.08 \Omega m$
2	48 – 58	10	Good	
3	78 – 84	6	Good	
4	90 – 94	4	Good	
5	97 – 100	3	Good	
6	102 – 112	10	Good	
7	122 – 130	8	Good	

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

2. No proper granular zones encountered below 130 mbgl to till depth logged.



(A.K. Singh)
Geophysicist