



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)
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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Mahadev Nanga, Block – Bhanvapur,
Distt. – Siddharth Nagar

Drilling Depth (m) : 165.00 mbgl as reported by Driller

Logged Depth (m) : 160.00 mbgl

Date of Logging : 17.10.2023

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 – 38	16	Good	R _{mf} = 48.07 Ωm
2	55 – 62	7	Good	R _w = 50.66 Ωm
3	70 – 74	4	Good	
4	80 – 88	8	Good	
5	94 – 108	14	Good	
6	120 – 131	11	Good	

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

2. No proper granular zones encountered below 131 mbgl to till depth logged.



(A.K. Singh)
Geophysicist