



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Date: 13-10-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Jamhiriya, Block – Jogia Khas, Distt. – Siddharth Nagar

Drilling Depth (m) : 200.00 mbgl as reported by Driller

Logged Depth (m) : 194.700 mbgl

Date of Logging : 13.10.2023

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 – 33	3	Good	R _{mf} = 17.44 Ωm R _w = 19.71 Ωm
2	40 – 58	18	Good	
3	66 – 80	14	Good	
4	88 – 100	12	Good	
5	134 – 144	10	Good	
6	152 – 160	8	Good	

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

2. No proper granular zones encountered below 160 mbgl to till depth logged.



(A.K. Singh)
Geophysicist