

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Dhauri Kuiya, Block – Naugarh, Distt. – Siddharth Nagar

Drilling Depth (m) : 205.00 mbgl as reported by Driller

Logged Depth (m) : 200.30 mbgl

Date of Logging : 13.01.2024

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	26 – 34	8	Good	$R_{mf} = 13.53 \Omega m$ $R_w = 15.91 \Omega m$
2	42 – 50	8	Good	
3	59 – 62	3	Good	
4	72 – 77	5	Good	
5	82 – 85	3	Good	
6	92 – 108	16	Good	
7	120 – 127	7	Good	
8	137 – 140	3	Good	
9	148 – 152	4	Good	
10	158 – 163	5	Good	
11	168 – 176	8	Good, Kankar mixed	

- Remark :** 1. Almost all zones are intermixed with fine bands of kankar.
2. No proper granular zones encountered below 176 mbgl to till depth logged.



(A.K. Singh)
Geophysicist