



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/621

Date: 11-11-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Paikoli, Block – Sukrauli, Distt. – Kushinagar

Drilling Depth (m) : 175.00 mbgl as reported by Driller

Logged Depth (m) : 173.20 mbgl

Date of Logging : 11.11.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : NCC Ltd.,

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	28 – 38	10	Good	R _{mf} = 29.42 Ωm R _w = 31.22 Ωm
2	44 – 68	24	Good	
3	83 – 98	15	Good	
4	118 – 124	6	Good	
5	134 – 137	3	Good	
6	162 – 170	8	Good	

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



(A.K. Singh)
Geophysicist