

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/397

Date: 17-08-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Chauradheerpatti, Block – Padrauna, Distt. – Kushinagar

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

Logged Depth (m) : 172.00 mbgl

Date of Logging : 17.08.2023

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

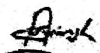

Logger Used : Robertson Geologging.,

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	20 – 30	10	Good	$R_{mf} = 25.55 \Omega m$ $R_w = 27.54 \Omega m$
2	33 – 38	5	Good	
3	42 – 54	12	Good	
4	70 – 74	4	Good, Fine Sand	
5	102 – 112	10	Good	
6	116 – 126	10	Good, Fine Sand	
7	142 – 150	8	Good	
8	154 – 157	3	Good	

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



(G. K. Singh)
Geophysicist