

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/295

Date: 18-07-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Gangrani, Block - Padrauna, Distt. - Kushinagar

Drilling Depth (m) : 158.00 mbgl as reported by Driller

Logged Depth (m) : 157.50 mbgl

Date of Logging : 18.07.2023

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	42 - 54	12	Good	$R_{mf} = 11.50 \Omega m$ $R_w = 12.53 \Omega m$
2	60 - 76	16	Good	
3	86 - 98	12	Good	
4	112 - 126	14	Good	
5	132 - 138	6	Good	
6	144 - 149	5	Good	

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



(A. J. Singh)
Geophysicist