

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPPS3037Q1ZG

Ref: TDMA/WP/JR/261

Date: 29-06-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth (m) : 154.00 mbgl as reported by Driller

Logged Depth (m) : ~~153.00~~ mbgl

Date of Logging : 29.06.2023

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	24 - 32	8	Good	$R_{mf} = 08.25 \Omega m$
2	41 - 47	6	Good	$R_w = 09.35 \Omega m$
3	52 - 58	6	Good	
4	63 - 72	9	Good	
5	82 - 88	6	Good	
6	100 - 120	20	Good, Kanakar Intermixed	
7	132 - 138	6	Good	
8	142 - 145	3	Good	

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

Verified as per logs provided - 9.8.23
30/06/23

part



Geophysicist