



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/733

Date: 28-12-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Rakbadulma Patti, Block – Dudahi, Distt. – Kushinagar

**Drilling Depth (m)** : 147.00 mbgl as reported by Driller

**Logged Depth (m)** : 144.10 mbgl

**Date of Logging** : 28.12.2023

**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 – 40	16	Good	$R_{mf} = 13.88 \Omega m$ $R_w = 15.55 \Omega m$
2	52 – 62	10	Good	
3	70 – 73	3	Good, Fine sand	
4	78 – 98	20	Good	
5	100 – 104	4	Good	
6	108 – 116	8	Good	
7	120 – 126	6	Good	
8	130 – 137	7	Good	

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



(A.K. Singh)  
Geophysicist