



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/343

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Puraina Kateya, Block – Tamkuhi, Distt. – Kushinagar

Drilling Depth (m) : 160.00 mbgl as reported by Driller

Logged Depth (m) : 155.00 mbgl

Date of Logging : 01.08.2023

Type- 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	30 – 45	15	Good	$R_{mf} = 17.24 \Omega m$ $R_w = 19.76 \Omega m$
2	50 – 64	14	Good	
3	80 – 88	8	Good	
4	90 – 100	10	Good	
5	102 – 112	10	Good	
6	122 – 128	6	Good	

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

2. No proper granular zones encountered below 128 mbgl to till depth logged.

  
  
(**G. Singh**)  
Geophysicist