



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/360

Date: 05-08-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth (m)** : 143.00 mbgl

**Date of Logging** : 05.08.2023

**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 <sub>mf</sub> & R <sub>w</sub>
1	32 – 46	14	Good	R <sub>mf</sub> = 09.30 Ωm R <sub>w</sub> = 12.90 Ωm
2	54 – 70	16	Good	
3	74 – 80	6	Good	
4	90 – 102	12	Good	
5	108 – 120	12	Good	

**Remark** : 1. Almost all zones are intermixed with fine bands of kankar.  
2. No proper granular zones encountered below 120 mbgl to till depth logged.

  
  
(A.P. Singh)  
Geophysicist