



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth (m)** : 176.00 mbgl as reported by Driller

**Logged Depth (m)** : 168.00 mbgl

**Date of Logging** : 02.09.2023

**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	30 – 42	12	Good	$R_{mf} = 13.47 \Omega m$ $R_w = 16.12 \Omega m$
2	54 – 63	9	Good	
3	70 – 82	12	Good	
4	86 – 90	4	Good	
5	106 – 110	4	Good	
6	116 – 126	10	Good	
7	131 – 138	7	Good	
8	148 – 158	10	Good	

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

  
  
(A. Singh)  
Geophysicist