

# 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 – Kotwa Kala, Block – Nebua Naurangiya,  
Distt. – Kushinagar

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

**Logged Depth (m)** : 175.10 mbgl

**Date of Logging** : 10.07.2023

**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	34 – 44	10	Good	$R_{mf} = 16.05 \Omega m$ $R_w = 17.15 \Omega m$
2	52 – 66	14	Good	
3	86 – 92	6	Good	
4	116 – 122	6	Good	
5	128 – 135	7	Good	
6	146 – 154	8	Good	

**Remark** : 1. Almost all zones are intermixed with fine bands of kankar.  
2. No proper granular zones encountered below 154 mbgl to till depth logged.

*Amish*  
  
(A. J. Singh)  
Geophysicist