



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Sumhi Buzurg, Block – Sewarahi, Distt. – Kushinagar

**Drilling Depth (m)** : 135.00 mbgl as reported by Driller

**Logged Depth (m)** : 132.40 mbgl

**Date of Logging** : 20.10.2023

**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	26 – 38	12	Good	$R_{mf} = 19.24 \Omega m$ $R_w = 23.78 \Omega m$
2	46 – 50	4	Good, Fine Sand	
3	56 – 70	14	Good	
4	78 – 90	12	Good	
5	105 – 111	6	Good	
6	122 – 128	6	Good	

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



(A.K. Singh)