



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/380

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sewarahi, Block – Hata-S, Distt. – Kushinagar

Drilling Depth (m) : 156.00 mbgl as reported by Driller

Logged Depth (m) : 151.50 mbgl

Date of Logging : 11.08.2023

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	$R_{mf}$ & $R_w$
1	48 – 51	3	Good, Fine Sand	$R_{mf} = 16.26 \Omega m$ $R_w = 18.24 \Omega m$
2	56 – 66	10	Good	
3	76 – 80	4	Good, Fine Sand	
4	102 – 108	6	Good	
5	124 – 128	4	Good, Fine Sand	
6	142 – 148	6	Good	

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

  
(A.K. Singh)  
Geophysicist