



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPPS3037Q1ZG

Ref: TDMA/WWP/JR/779

Date: 15-01-2024

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bhaisaha, Block – Khadda, Distr. – Kushinagar

Drilling Depth (m) : 126.00 mbgl as reported by Driller

Logged Depth (m) : 121.30 mbgl

Date of Logging : 15.01.2024

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	18 – 26	8	Good	R <sub>mf</sub> = 16.69 Ωm
2	33 – 44	11	Good	R <sub>w</sub> = 19.53 Ωm
3	50 – 76	26	Good, Fine sand	
4	110 – 116	6	Good, Very fine sand	

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



(A.K. Singh)  
Geophysicist