



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/213

Date: 22-07-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Belghat, Block – Belghat, Distt. – Gorakhpur

Drilling Depth (m) : 175.00 mbgl as reported by Driller

Logged Depth (m) : 161.00 mbgl

Date of Logging : 22.07.2023

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 Strara	R_{mf} & R_w
1	36 – 50	14	Good	$R_{mf} = 11.27 \Omega m$ $R_w = 12.98 \Omega m$
2	54 – 60	6	Good	
3	76 – 81	5	Good	
4	84 – 100 ✓	16	Good	
5	109 – 115 ✓	6	Good	
6	124 – 136 ✓	12	Good	
7	140 – 148 ✓	8	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.
2. No proper granular zones encountered below



(*[Signature]*)
Geophysicist