



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659611, 8840756551, 9450164181

Email: salamatesh11@gmail.com, girahsingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

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Date: 13-07-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth (m) : 170.00 mbgl as reported by Driller

Logged Depth (m) : 165.30 mbgl

Date of Logging : 13.07.2023

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	46 - 62	16	Good	$R_{mf} = 17.23 \Omega m$ $R_w = 19.11 \Omega m$
2	82 - 86	4	Good	
3	100 - 120 ✓	20	Good	
4	132 - 144 ✓	12	Good	
5	146 - 160	14	Good	

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


(A.K. Singh)
Geophysicist