



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Raebareli/212

Date: 19.12.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Surasana, Block – Dalmau
District - Raebareli

Drilling Depth : 285 mbgl as reported by Driller

Logged Depth : 280 mbgl

Date of Logging : 19.12.23

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : Uptron



Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	R _{mf} & R _w
1	27 – 35	8	Good	R _{mf} = 17 Ωm R _w = 19.1 Ωm
2	40 – 54	14	Good	
3	62 – 75	13	Good	
4	195 – 210	15	Good to moderate	
5	215 – 233	18	Good to moderate	
6	260 – 276	16	Good to moderate	

Remark : Formation water quality is deteriorating marginal to saline below 85 mbgl to 190 mbgl. Good clay encountered in between 190 – 195 mbgl. Expected TDS of good to moderate zone is 700 - 900.

C C :

1. M/S NCC Ltd Raebareli.



(A.K. Singh)
Geophysicist