



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Raebareli/162

Date : 05.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Onai Paharpur, Block – Sataun
Distt. – Raebareli

Drilling Depth : 355 mbgl as reported by Driller

Logged Depth : 350 mbgl

Date of Logging : 05.11.23

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

Logger Used : Upton



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

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strara	R_{mf} & R_w
1	30 – 47	17	Good	$R_{mf} = 17.6 \Omega m$ $R_w = 20.1 \Omega m$
2	270 – 283	13	Good to moderate	
3	287 – 290	3	Good to moderate	
4	295 – 304	9	Good to moderate	
5	307 – 312	5	Good to moderate	
6	335 – 342	7	Good to moderate	

Remark : Formation water quality is deteriorating marginal to saline below 52 mbgl to 250 mbgl. Good clay encountered in between 250 mbgl to 262 mbgl. Expected TDS 700 – 900.

C C :

1. M/S NCC Limited, Raebareli.



(A.K. Singh)
Geophysicist