







# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Raebareli/159

Date : 05.11.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Hatwa, Block – Unchahar  
Distt. – Raebareli

**Drilling Depth** : 355 mbgl as reported by Driller

**Logged Depth** : 352 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 strata	$R_{mf}$ & $R_w$
1	60 – 65	5	Good	$R_{mf} = 17.9 \Omega m$ $R_w = 20 \Omega m$
2	94 – 103	9	Good	
3	107 – 122	15	Good	
4	235 – 247	12	Good to moderate	
5	285 – 306	18	Good to moderate	
6	315 – 327	12	Good	

**Remark** : Formation water quality is deteriorating marginal to saline below 140 mbgl to 230 mbgl. Good clay encountered in between 230 mbgl to 235 mbgl.

**CC :**

1. M/S NCC Limited, Raebareli.

  
  
(A.K. Singh)  
Geophysicist