



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Raebareli/372

Date: 01.06.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Dhamdhama, Block – Deenshah Gaura
District - Raebareli
Latitude – 26.996907⁰, **Longitude** – 81.185818⁰

Drilling Depth : 280 mbgl as reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 01.06.24

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	20 – 26	6	Good	R _{mf} = 14.1 Ωm R _w = 16.2 Ωm
2	203 – 209	6	Moderate	
3	215 – 220	5	Moderate	
4	230 – 237	7	Good to moderate	
5	242 – 258	16	Good to moderate	
6	260 – 268	8	Good to moderate	

Remark : Formation water quality is deteriorating marginal to saline below 35 mbgl to 030 bgl. Good clay encountered in between 200 – 203 mbgl. Expected TDS of good to moderate zone are 600 – 800.& moderate zone is 800 – 1000.

C C :

1. M/S VTL Raebareli.



(R.K. Singh)
Geophysicist