



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Raebareli/161

Date : 05.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Jagatpur Ramgari, Block – Khiraon
Distt. – Raebareli

Drilling Depth : 285 mbgl as reported by Driller

Logged Depth : 280 mbgl

Date of Logging : 05.11.23

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	40 – 55	15	Good	$R_{mf} = 16.8 \Omega m$ $R_w = 20 \Omega m$
2	63 – 70	7	Good	
3	240 – 254	14	Good to moderate	
4	260 – 266	6	Good to moderate	

Remark : Formation water quality is deteriorating marginal to saline below 75 mbgl to 235mbgl. Good clay encountered in between 235 mbgl to 240mbgl. Expected TDS 700 – 900.

C C :

1. M/S NCC Limited, Raebareli.



(A.K. Singh)
Geophysicist