



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/Amethi/8

Date : 15.11.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Gungemau, Block – Jagdishpur
Distt. – Amethi

Drilling Depth : 405 mbgl as reported by Driller

Logged Depth : ~~390~~ mbgl

Date of Logging : 15.11.22

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)	Quality & Types of strata	R_{mf} & R_w
1	30 – 47	17	Good	$R_{mf} = 19.1 \Omega m$ $R_w = 21.6 \Omega m$

Remark : ~~The~~ formation water quality is deteriorating from marginal to saline below 51 mbgl to till depth logged. Pl ensure pre-monsoon water level data before lowering.

*Verified as per logs provided.
Note - Sr No 01 may consider as 35-47 (12m).*

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