



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/Amethi/20

Date : 13.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Shirkhiri, Block – Jamo
Distt. – Amethi

Drilling Depth : 170 mbgl as reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 13.05.23

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)	Quality & Types of strata	R_{mf} & R_w
1	24 – 30	6	Good	$R_{mf} = 19 \Omega m$
2	43 – 50	7	Good	$R_w = 21.1 \Omega m$
3	55 – 58	3	Good	
4	62 – 66	4	Good	
5	92 – 105	13	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. Formation water quality is poor (saline) below 113 mbgl to till depth logged.

CC: Welspun Enterprises

Verified as per logs provided
GIC
13/05/23

Amish

(A.K. Singh)
Geophysicist