



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/Amethi/18

Date : 19.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Beremau, Block – Shukul Bazar  
Distt. – Amethi

**Drilling Depth** : 165 mbgl as reported by Driller

**Logged Depth** : ~~152~~ mbgl

**Date of Logging** : 19.04.23

**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)	Quality & Types of strata	$R_{mf}$ & $R_w$
<del>1</del>	30 – 51	21	Good	<del><math>R_{mf} = 19 \Omega m</math></del>
<del>2</del>	57 – 62	5	Good, Finer sediments	<del><math>R_w = 20.6 \Omega m</math></del>
<del>3</del>	73 – 76	3	Good, Finer sediments	
<del>4</del>	83 – 86	3	Good	
<del>5</del>	91 – 95	4	Good	
<del>6</del>	97 – 100	3	Good, Finer sediments	

**Remark** : Almost all zones are intermixed with fine bands of kankar. Formation water quality is poor below 112 mbgl to till depth logged.

CC: Welspun Enterprises

*Verified as per logs provided*

*G.Sh  
20/04/23*

*Drish*  
  
(A.K. Singh)  
Geophysicist