



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/465

Date : 17.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Arthana, Block - Pisawan  
Distt. – Sitapur

**Drilling Depth** : 165 mbgl – as reported by driller

**Logged Depth** : 150 mbgl

**Date of Logging** : 17.02.23

**Types of Log** : S.P. & Resistivity (Normal & Lateral)

**Logger Used** : IGIS

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	39 – 42	3	Good	$R_{mf} = 31 \Omega m$ $R_w = 32.9 \Omega m$
2	47 – 51	4	Good	
3	60 – 70	10	Good	
4	76 – 81	5	Good	
5	92 – 102	10	Good, intermixed kankar bands	
6	106 – 114	8	Good, intermixed kankar bands	
7	117 – 121	4	Good, intermixed kankar bands	
8	125 – 145	20	Good, intermixed kankar bands	

**Remark** : Almost all zones are intermixed with fine bands of kankar.

C C :

1.M/S NCC Sitapur

*Verified as per logs provided.  
Note-Sr No 5-92-99 (Tm)  
GIC  
18/02/23*

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