



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/475

Date : 23.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Samanpur Mafi, Block - Rampur Mathura  
Distt. – Sitapur

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

**Logged Depth** : ~~160 mbgl~~

**Date of Logging** : 23.02.23

**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	$R_{mf}$ & $R_w$
<del>1</del>	30 – 36	6	Good	<del><math>R_{mf} = 36.4 \Omega m</math> <math>R_w = 38 \Omega m</math></del>
<del>2</del>	42 – 45	3	Good	
<del>3</del>	67 – 77	10	Good	
4	85 – 94	9	Good, highly kankar mixed	
<del>5</del>	100 – 112	12	Good, kankar intermixed	
<del>6</del>	130 – 140	10	Good	
<del>7</del>	143 – 152	9	Good, kankar intermixed	
<del>8</del>	155 – 158	3	Good	

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

CC :

1.M/S NCC Sitapur

*Verified as per logs provided.*  
*G.S.K*  
*23/02/23*

*Arink*  
  
(A.K. Singh)  
Geophysicist