



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/204

Date : 22.09.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Sosha Lachhipur, Block - Mahmudabad  
Distt. – Sitapur

**Drilling Depth** : 170 mbgl – as reported by driller

**Logged Depth** : ~~165 mbgl~~

**Date of Logging** : 22.09.22

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

**Logger Used** : ~~IGIS~~

**Presence** : Representative of M/S NCC Sitapur

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 <sub>mf</sub> & R <sub>w</sub>
1	32 – 38	6	Good	R <sub>mf</sub> = 30.7 Ωm R <sub>w</sub> = 34.3 Ωm
<del>2</del>	<del>52 – 61</del>	<del>9</del>	<del>Good</del>	
<del>3</del>	<del>70 – 77</del>	<del>7</del>	<del>Good</del>	
<del>4</del>	<del>81 – 87</del>	<del>6</del>	<del>Good</del>	
<del>5</del>	<del>95 – 101</del>	<del>6</del>	<del>Good</del>	
<del>6</del>	<del>109 – 122</del>	<del>13</del>	<del>Good</del>	
<del>7</del>	<del>134 – 140</del>	<del>6</del>	<del>Good</del>	
<del>8</del>	<del>146 – 156</del>	<del>10</del>	<del>Good, highly kankar intermixed</del>	

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

C C :

1. M/S NCC Sitapur

*Verified as per logs provided.*

*G.S.*  
ANTHYDROGEOLOGIST  
23/09/22  
(RURAL)



(A.K. Singh)  
Geophysicist