



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : [si.amaresh11@gmail.com](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Fatehpur/41

Date : 12.10.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Tithaura, Block – Teliyani  
Distt. – Fatehpur

Drilled Depth : 180 mbgl as reported by driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 12.10.22

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)	Types of strata	R <sub>mf</sub> & R <sub>w</sub>
1	44 – 50	6	Good	R <sub>mf</sub> = 20.3 Ωm R <sub>w</sub> = 23.9 Ωm
<del>2</del>	<del>55 – 62</del>	<del>7</del>	<del>Good</del>	
<del>3</del>	<del>65 – 70</del>	<del>5</del>	<del>Good</del>	
<del>4</del>	<del>80 – 83</del>	<del>3</del>	<del>Good</del>	
<del>5</del>	<del>85 – 92</del>	<del>7</del>	<del>Good, Intermixed with kankar band.</del>	
<del>6</del>	<del>105 – 110</del>	<del>5</del>	<del>Good</del>	
<del>7</del>	<del>114 – 121</del>	<del>7</del>	<del>Good, Intermixed with kankar band.</del>	

**Remark :** ~~Almost~~ all zones are intermixed with fine bands of kankar. Below 125 m to till depth logged, formation water quality is deteriorating continuously from moderate to marginal.

Verified as per logs provided.

G. S. Singh  
ASSISTANT DIRECTOR (GEOLOGICAL)  
OFFICE (EIM)  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ

  
  
(A.R. Singh)  
Geophysicist