



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email: [slamaresh11@gmail.com](mailto:slamaresh11@gmail.com), [gicak Singh@gmail.com](mailto:gicak Singh@gmail.com)

GSITN: 09ANAPS3037Q12G

Ref: GIC/JJM/ Barabanki/10

Date : 09.08.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Yakut Ganj, Block - Masauli  
Distt. - Barabanki

Drilling Depth : 165 mbgl

Logged Depth : ~~163~~ mbgl

Date of Logging : 09.08.22

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)	Types of strata	$R_{mf}$ & $R_w$
<del>1</del>	35 - 53	18	Good	$R_{mf} = 25.4 \Omega m$ $R_w = 27 \Omega m$
<del>2</del>	60 - 66	6	Good	
<del>3</del>	75 - 81	6	Good	
<del>4</del>	90 - 97	7	Good	
<del>5</del>	118 - 125	7	Good	
<del>6</del>	133 - 137	4	Good	

Remark: ~~Below 137m to till logging depth, clay kankar exist.~~

*Verified as per logs provided.*

*G. S. Singh*  
ASST. GEOPHYSICIST  
CIRCLE OFFICE (RURAL)  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ

*Arsh*  
  
(A. K. Singh)  
Geophysicist