



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Sitapur/560

Date : 14.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Ramuapur Umrao Singh, Block - Maholi
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~135 mbgl~~

Date of Logging : 14.04.23

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	27 – 30	3	Good	$R_{mf} = 22.1 \Omega m$ $R_w = 24 \Omega m$
2	37 – 46	9	Good	
3	53 – 57	4	Good	
4	66 – 72	6	Good	
5	95 – 102	7	Good	
6	110 – 128	18	Good	

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

CC :
I.M/S NCC Sitapur

*Verified as per
logs provided.*

*G.Sh
15/04/23*

Arish

(A.K. Singh)
Geophysicist