



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/502

Date : 18.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Umariya Khanpur, Block - Parsendi
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~155 mbgl~~

Date of Logging : 18.03.23

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	25 – 32	7	Good	$R_{mf} = 22 \Omega m$
2	42 – 54	12	Good	$R_w = 22.8 \Omega m$
3	62 – 70	8	Good	
4	75 – 79	4	Good	
5	84 – 87	3	Good	
6	92 – 102	10	Good	
7	109 – 112	3	Good	
8	116 – 120	4	Good	
9	127 – 135	8	Good	
10	142 – 147	5	Good	

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

CC :
I.M/S NCC Sitapur

*Verified as per logs provided.
Note - Sr No 7
127-134 (7w)
G.Sh
20/03/23*

Asish

(A.K. Singh)
Geophysicist