



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/629

Date : 13.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Semra Khurd, Block - Sakran
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : 150 mbgl

Date of Logging : 13.05.23

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	33 – 47	14	Good	R_{mf} = 26.8 Ωm R_w = 29 Ωm
2	54 – 65	11	Good	
3	72 – 75	3	Good	
4	80 – 90	10	Good	
5	96 – 105	9	Good	
6	115 – 118	3	Good	
7	125 – 135	10	Good – kankar Intermixed	
8	144 – 148	4	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 4-80-85 (SW)
GIC
13/05/23



(A.K. Singh)
Geophysicist