



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/715

Date : 10.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~145~~ mbgl

Date of Logging : 10.06.23

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 strara	R _{mf} & R _w
1	37 – 45	8	Good	R _{mf} = 31 Ωm R _w = 34 Ωm
2	52 – 57	5	Good	
3	70 – 75	5	Good	
4	81 – 84	3	Good	
5	88 – 91	3	Good	
6	97 – 103	6	Good	
7	116 – 122	6	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 122 mbgl. Logs are affected by large bore hole size and mixing cow dung in the bore hole.

CC :
I.M/S NCC Sitapur

*Verified as per logs provided.
Note. Correlate selected zone with driller's lithology*

G. S. S.
12/06/23



(A.K. Singh)
Geophysicist