



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/756

Date : 18.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~167 mbgl~~

Date of Logging : 18.06.23

Types of Log : ~~S.P. & Resistivity (Normal & Lateral)~~

Logger Used : ~~Uptron~~

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	35 – 52	17	Good	$R_{mf} = 29.2 \Omega m$
2	59 – 66	64 75	Good	$R_w = 32.8 \Omega m$
3	75 – 82	7	Good	
4	90 – 96	6	Good	
5	105 – 112	7	Good	
6	122 – 134	12	Good	
7	147 – 154	7	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
19/08/23



(A.K. Singh)
Geophysicist