



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/353

Date : 30.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Keotikalan, Block - Hargaon
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~168~~ mbgl

Date of Logging : 30.12.22

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, Intermixed kankar bands	$R_{mf} = 24.2 \Omega m$ $R_w = 32 \Omega m$
2	54 – 60	6	Good	
3	65 – 68	3	Good	
4	76 – 87	11	Good	
5	99 – 103	4	Good	
6	108 – 116	8	Good, Intermixed kankar bands	
7	123 – 126	3	Good	
8	140 – 147	7	Good, Intermixed kankar bands	
9	154 – 160	6	Good, Intermixed kankar bands	

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 - 76-81 (5m)
86-89 (3m)

G.Sh
31/12/22



(A.K. Singh)
Geophysicist