



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/343

Date : 28.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Neodia, Block - Pisawan
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~155~~ mbgl

Date of Logging : 28.12.22

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	20 – 27	7	Good	$R_{mf} = 37.6 \Omega m$ $R_w = 39.5 \Omega m$
2	42 – 45	3	Good	
3	50 – 62	12	Good, intermixed with kankar bands	
4	75 – 80	5	Good, intermixed with kankar bands	
5	85 – 92	7	Good, intermixed with kankar bands	
6	112 – 120	8	Good, intermixed with kankar bands	
7	130 – 142	12	Good, intermixed with kankar bands	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 142 mbgl.

CC :
I.M/S NCC Sitapur

*Verified copies
logs provided
Note - Due to some electrical
disturbance logs are
noisy, so correlate given
zones with strata obtained
- Sr No 7 - 130-140 (10m)
G Sh
28/12/22*

Arind

(A.K. Singh)
Geophysicist