

Trial # 1 ohms	Voltage Volts	Current $\times 10^{-3}$ amps	slope
5 Ω	0.89	180	
5 Ω	0.58	115	
5 Ω	0.5	100	
5 Ω	0.4	82	
5 Ω	0.3	65	
5 Ω	0.2	41	
5 Ω	0.15	32	
5 Ω	0.125	27	
Trial # 2			
25 Ω	0.5	21	
25 Ω	0.6	25	
25 Ω	0.7	29	
25 Ω	0.85	35	
25 Ω	1	40	
25 Ω	1.25	50	
25 Ω	1.5	60	
Trial # 3			
40 Ω	2	50	
40 Ω	1.8	46	
40 Ω	1.6	40	
40 Ω	1.4	36	
40 Ω	1.2	31	
40 Ω	1	26	
40 Ω	0.4	20	