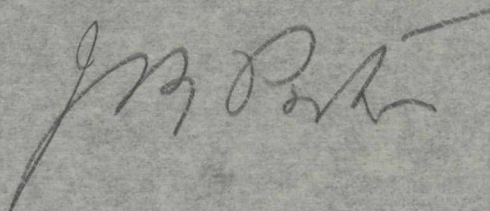


terries, but as the rail joints wear or whenever cars with flat wheels pass, the shocks will be greater than from any other kind of traffic and will unquestionably render impossible certain types of accurate investigation. If on the other hand the street car tracks can be placed on a street farther East, the effect will be much less serious as pointed out in paragraph 8.

It should be noted that this report concerns itself exclusively with vibration and not with electrical effects and noise. Dr. Eve is in better position than I to express an opinion on the results which will follow the operation of an electric line with a ground return on his electric and magnetic investigations. As regards noise, there can be no two opinions as to its effect upon both our ordinary work of instruction and on such scientific investigations as take account of sound.

I shall be glad to go into the above matters in a more detailed way if you so desire, and I can if necessary conduct further experiments as the Tromometers referred to are still in my possession I am of the opinion however that the tests already made can safely be looked upon as conclusive and that no further investigations are necessary.

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. M. Park". The signature is written in a cursive style with a long horizontal stroke extending to the right.