year, then everything else is a matter of calculation.

By Mr. Poe:

26 q. Why, in returning your survey to the former commission, did you change the line in the deed dated June 15th, 1854, from Henry M. Robertson and wife to Miles White, in which the course is spoken of as 60 degs. east; why did you change that to 56 degs. east; does not demonstrate that in running the lines you did make an allowance of four degs. variation; here is a certified copy of the deed from Henry M. Robertson and wife to Miles White; there is your return; you change that course from 60 degs. east to 56 degs. east; does not that demonstrate that you did make an allowance of four degs. in making that survey?

A. As I said before, the Stewington lots were located in 1804, and having located these lots according to the Stewington plat, my variation ought to be four degrees.

27 q. Then you did make a variation of four degs. in your survey in point of fact?

A. I did not, as I have several times said; I did not run by any variation, but by the location I found upon the ground.

28 q. Then why did you change that line from 60 degs. east to 56 degs. east?

A. I did not change the lines; I gave the course which I found upon the ground by the holdings.

29 q. Why does your return conflict with the course in the deed which you refer to?

A. It does not conflict with it - it agrees with it, because the course given is the course of the Stewington lots in 1804.

30 q. But do you not change the course from 60 degs. to 56 degs.?

A. I gave the course (as I say) by the holdings on the land - with the holdings on the ground, and they agree with the course in 1804; by running the lines as I found them on the ground, compared with the several holdings that were there, I did not need to have any reference to the variation, and did not have any.

By Mr. Williams:

31 q. Assuming that in 1804, the patent lines of Stewington were truly and absolutely ascertained, calculated from 1804 down to the present time, what degree of variation would you run at to obtain equally absolute truth?

A. Four degs, less three minutes.

32 q. Assuming the Quarry to have been run with absolute truth in 1754, to run it now with the same courses, to ascertain and get at an equally absolute truth, what would be the variation?

A. One deg and 27 min.

33 q. Then, if you were to run a line in a deed dated 1804, with absolute truth, in running the same lines by the same deed in this year, what difference between 60 minutes and any other minutes would you make it to get at equal absolute truth?

A. Four degs. less three minutes, as I said before.

34 q. That would be 56 degrees; then, if you had returned the lines, as the question of the City Solicitor assumes, to have done it correctly that would have been just the amount of change that a correct surveyor