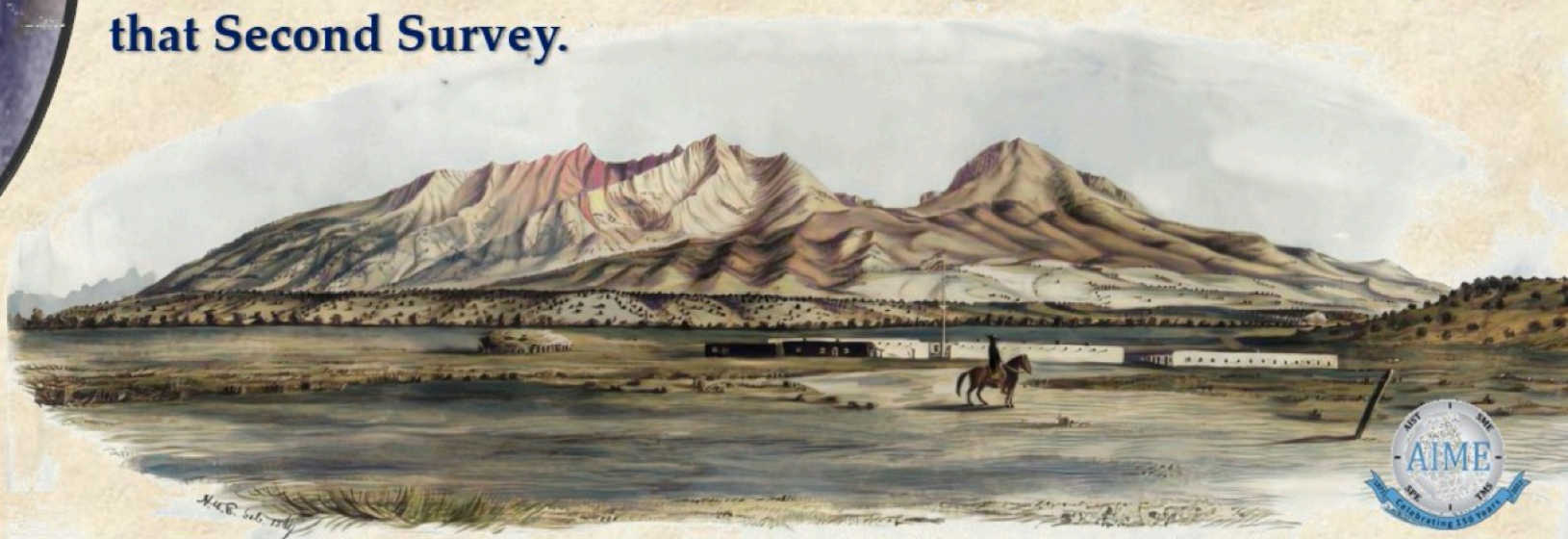


Prof. Persifor Frazer, Jr. (1844-1909) distinguished himself as a geologist and chemist.

He was educated at Penn and studied at the Royal Saxon School of Mines in Freiburg. He returned to the U.S. in 1869 and joined the Hayden survey party until 1870, when he began teaching at Penn. He was there for 10 years, eventually replacing his father John Fries Frazer as Chemistry Chairman. He was one of the key figures in the efforts to convince the PA Legislature to support a second geological survey. When these efforts succeeded, Frazer resigned at Penn and joined that Second Survey.



Second Geological Survey of Pennsylvania,

HARRISBURG, PENN.

Philadelphia, July 7th 1874

Professor Persifer Frazer, Jr.
Philadelphia

Sir

By virtue of the authority vested in me by the act of Legislature, I appoint you Assistant Geologist on the Second Geological Survey of Pennsylvania, with a salary of two thousand dollars and all necessary travelling and field expenses. You will be responsible for the return in good order of the instruments belonging to the survey. You will take charge of the York and Adams Co. District, and your engagement will date from the day you commence your active preparations for taking the field.

Very Respectfully
G. W. Lewis

Not for Copy

Frazer began his assignment with the Second Survey reconnaissance mapping in York and Adams Counties and spent several years mapping and investigating the economic geology of copper and iron ores in southeastern PA. In addition to 4 Second Survey reports, he published 14 papers concerning Pennsylvania geology in various scientific and technical journals.

Frazer's monograph Classification of Coals at the Second Survey was an important technical contribution. His methods based on fuel ratios is the accepted coal classification based on rank that is still routinely used.

In 1881 Frazer became General Manager of the iron ore mines of the Central Virginia Iron Company.

He was a Life Fellow in the American Association for the Advancement of Science and the Geological Society of America.

