

GEOLOGICAL CORPS

State Geologist appointed by the Geological Board. Term expires at the pleasure of the board. Salary, \$900.

GEORGE F. KAY, of Iowa City. Born in Canada.

Office	Name	Legal Residence	Birthplace	Compensation
Assistant state geologist.....	James H. Lees.....	Des Moines.....	England.....	\$2,700
Secretary.....	Nellie E. Newman.....	Des Moines.....	Iowa.....	1,800
Geologist, economic mat.....	Frank A. Wilder.....	N. Holston.....	Ohio.....	Fees
Geologist, underground water.....	William H. Norton.....	Mt. Vernon.....	Ohio.....	Fees
Geologist, areal geology.....	John L. Tilton.....	Indianola.....	N. H.....	Fees
Geologist, areal geology.....	A. O. Thomas.....	Iowa City.....	Iowa.....	Fees
Geologist, areal geology.....	Francis M. Van Tuyl.....	Denmark.....	Iowa.....	Fees
Geologist, areal geology.....	Bohumil Shimek.....	Iowa City.....	Bohemia.....	Fees
Geologist, economic materials.....	Sidney L. Galpin.....	Ames.....	Ohio.....	Fees
Geologist, economic materials.....	John E. Smith.....	Ames.....	Oregon.....	Fees

The present geological survey was organized in 1892 and since that time has been engaged in two lines of research. The first of these is the detailed study of the geology of the state by counties. In this work all the natural features of interest and value are studied and described, such as the general character of the surface, its soils, water resources, deposits of valuable minerals and other topics.

The second line of work has been that of special investigation of the minerals of the state. In this work studies have been made of the coal and peat beds, lead and zinc, gypsum, clays and shales, limestone and sandstone, and the surface and underground water resources. The different geological formations are being studied as units.

For several years past the state survey has co-operated with the national survey in the making of topographic maps of the Des Moines valley. These maps show the character of the surface, the drainage, and elevations above sea level, as well as cultural features. They are of especial value in coal prospecting, engineering and drainage prospects.

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"The object of the academy shall be the encouragement of scientific work in the state of Iowa." Membership is open to all persons interested in scientific subjects. Members of the academy are divided into three groups: (1) fellows, who are actively engaged in scientific work; (2) associates, who are interested in the progress of science, but not direct contributors to original research, and (3) honorary fellows, elected by vote from original workers in science in other states. Papers of general interest in addition to those that are technically scientific are presented at each annual meeting. Meetings are held each spring, time and place fixed by the executive committee. By authority of law the academy publishes each year at state expense a volume containing the papers which have been presented at that time.